CTRL-4690-CA-1402691

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Description: Derivative Operations personnel are not permitted to wire funds. Only approved Global Capital Markets Operations personnel are permitted to wire funds.

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Applications: SACM, BIZTALK

.

Walk Through: 11/16/2017

Attendees: (IT) Aram Young, Cathal Clancy, Daniel Duriancik, Vahan Kayserian, Krystle Bautista, Irma Irosido, Sikandar Dadan, Maria Hycinth Umaran (PWC) Pooran Moolchandani, Priyanka Tope, Andrew DiGiorgio (AARM) John Vinas (FCU) Jasmin Mathew, Allen Lum, Liliana Ramirez

.

TS-A : Determine the type of the interface: a) standard b) customized c) query (with ITGC) d) ad-hoc query (without ITGC) e) other

Pg. 2

TS-B : Determine the completeness of the interface

Pg. 3

TS-C : Determine the accuracy of the interface

Pg. 3

TS-D : Determine the controls designed to assess the reliability of the interface (i.e., accuracy, completeness and reliability)

Pg. 2

No relevant exceptions noted.

TS-A : Determine the type of the report/interface: a) standard b) customized c) query (with ITGC) d) ad-hoc query (without ITGC) e) other ===> b) This is a customized interface
.
TS-A.01: FCU watched IT access the source code of SACM in TFS (Pg. 3)
TS-A.02: FCU concluded that the codes for SACM are maintained by AIG using TFS Change Management control

TS-D : Determine the controls designed to assess the reliability of the report/interface (i.e., accuracy, completeness and reliability) ===> This interface is reliable
.
TS-D.01: Determine whether there is an initial user acceptance testing.
FCU was not able to obtain the initial user acceptance testing, since this interface was built before 2017.
TS-D.02: Determine whether there is an ongoing user acceptance testing
Yes. Since the interface is subject to TFS change management (TS-A.02), all changes to the interface must go through the user acceptance testing phase.

SACM - Microsoft Visual Studio (Administrator)

SACM in TFS

CA-1402691 SACM-BIZTALK-S01.3

Source location: $/CBIT/Treasury/SACM/Dev

Local Path: C:\New_TFS_Loc\CBIT\Treasury\SACM\Dev

Name	Pending Change	User	Latest	Last Check-in
.nuget			Yes	11/7/2016 6:29...
BDAS			Yes	3/9/2017 3:03:...
Documentation			Yes	11/7/2016 6:13...
packages			Yes	11/7/2016 6:27...
Properties			Yes	11/7/2016 6:13...
Service References			Yes	3/9/2017 2:56:...
SwiftTagsLibrary			Yes	11/7/2016 6:13...
SwiftTransmissionLibrary			Yes	11/7/2016 6:13...
Utils			Yes	11/7/2016 6:13...
WSS			Yes	11/7/2016 6:13...
XMLTransmissionClassLibrary			Yes	11/7/2016 6:13...
Accounting.cs			Yes	6/21/2017 11:3...
ActiveDirectory.cs	edit	Marcus Cen	Yes	5/23/2017 3:42...
App.config	edit , [more]	Marcus Cen , [...	Yes	9/8/2017 3:54:...
App.ico			Yes	11/7/2016 6:13...
AppConstants.cs			Yes	11/7/2016 8:04...
AppFrame.cs			Yes	11/7/2016 6:13...
AppFrame.resx			Yes	11/7/2016 6:13...
AppUser.cs			Yes	11/7/2016 6:13...
AssemblyInfo.cs			Yes	11/30/2017 7:0...
BaseInstr.cs			Yes	3/9/2017 2:56:...
BaseSECInstr.cs			Yes	4/20/2017 5:20...
BeforeEdit.cs			Yes	11/7/2016 8:05...
BeforeEdit.Designer.cs			Yes	11/7/2016 6:13...
BeforeEdit.resx			Yes	11/7/2016 6:13...
Book.cs			Yes	11/7/2016 7:58...
CashflowAudit.cs			Yes	11/7/2016 7:47...
CashflowAudit.resx			Yes	11/7/2016 6:13...
CF_Manage_Cash.cs			Yes	9/12/2017 10:5...
ClaimDoc.cs			Yes	11/7/2016 7:47...
ClaimDoc.resx			Yes	11/7/2016 6:13...
ClassDiagram1.cd			Yes	11/7/2016 6:15...
Client.cs			Yes	11/7/2016 7:47...
CM_AD_ACCTNTS.cs			Yes	5/23/2017 3:42...
CM_AD_FXM.cs			Yes	11/7/2016 8:05...
CM_AD_MNR.cs			Yes	11/7/2016 8:05...
CM_AD_RO_N_AIC.cs			Yes	5/23/2017 3:42...
CM_AD_SU.cs			Yes	5/23/2017 3:42...
CM_AD_TS.cs			Yes	11/7/2016 8:05...
CM_Alerts.cs			Yes	3/9/2017 2:56:...
CM_Async_Calls.cs			Yes	4/21/2017 9:56...
CM_Button_Clicks.cs			Yes	11/16/2017 3:0...
CM_CF_AOD.cs			Yes	5/8/2017 3:00:...
CM_CF_Behave_Format.cs			Yes	5/8/2017 3:00:...
CM_CF_Color.cs			Yes	5/8/2017 3:00:...
CM_CF_CXR.cs			Yes	4/20/2017 3:48...
CM_CF_EVC.cs			Yes	4/24/2017 3:01...

$/CBIT/Treasury/SACM/Dev/AssemblyInfo.cs
Lock: none

Solution Explorer

Solution 'SACM' (5 projects)

TS-B : Determine the completeness of the report/interface

.

== Interface 1: SACM to BIZTALK ======

TS-B.01: (pg. 5) FCU watched IT query from SACM the total number of payment instructions on 16-Nov-2017. There were 162 payment instructions.

TS-B.02: SACM internally converted each of the instructions into a XML file. According to Marcus Cen (SACM IT), if the payment is for corporate, SACM will create 2 payment instructions (in XML formats). (pg. 6) FCU watched IT query the SACM database: 162 rows. (pg. 7) FCU watched IT query the MERCURY database: 163 rows. (pg. 8, 9) FCU watched IT show the "CORP" Payment from SACM #7498181 becoming 2 instructions in MERCURY.

Therefore, within SACM, 162 payments = 162 + 1 = 163 instructions. Then SACM sent 163 instructions to BIZTALK ==> The interface SACM-BIZTALK is complete.

.

== Interface 2: BIZTALK to SWIFT ======

TS-B.03: (pg. 14) FCU watched IT show that there are 163 items in BIZTALK from SACM. These XML instructions will be converted to SWIFT messages MT101, MT202 and MT103.

TS-B.04: (pg. 15) FCU watched IT show that there are 20 payments converted to MT101 messages; (pg. 16) 105 payments converted to MT202 messages; (pg. 17) 38 payments converted to MT103 messages. In total, 20 + 105 + 38 = 163 SWIFT messages have been converted from 163 XML instructions from SACM ==> The interface BIZTALK-SWIFT is complete.

.

== Interface 3: PAYMENTS CONFIRMATION TO BIZTALK ======

TS-B.05: (pg. 19) From query in Pg.6, FCU received spreadsheet A with count = 162 rows (corresponding to the initial Instructions from SACM). From Pg. 7, FCU received spreadsheet B with count = 163 rows (corresponding to the final payments processed by banks) ==> The interface SWIFT-BIZTALK is complete.

.

The 3 interfaces are complete.

TS-C : Determine the accuracy of the report/interface

.

== Interface 1: SACM to BIZTALK ======

TS-B.01, TS-B.02

TS-C.01: (pg. 10, 11) FCU watched IT "zoom" in payment instruction #7514113. FCU noted 9 attributes shown in SACM: (SM-01) 'ID', (SM-02) 'Amount', (SM-03) 'Payment Date', (SM-04) 'TBA A/C' (Debit a/c), (SM-05) 'SWIFT Transmission ID', (SM-06) 'Released By' (Validator), (SM-07) 'Released by' (Initiator'), (SM-08) 'Pay status' (Mercury Status'), (SM-09) 'Client ID'

TS-C.02: (pg. 12, 13) FCU obtained the XML payment instruction #7514113. FCU matched the 9 attributes. No exceptions noted. ==> The interface SACM-BIZTALK is accurate.

.

== Interface 2: BIZTALK to SWIFT ======

TS-C.03: (pg. 18) FCU obtained the MT101 message for payment #7514113. FCU Matched 4 fields: (BT-01) 'TRANSACTION_ID', (BT-02) 'Amount', (BT-04) 'SETTLE_DATE', (BT-06) DEBIT_ACCOUNT. No exceptions noted. ==> The interface BIZTALK-SWIFT is accurate.

.

== Interface 3: PAYMENTS CONFIRMATION TO BIZTALK ======

TS-B.01, TS-B.02, TS-B.03, TS-B.04, TS-B.05

TS-C.04: FCU compared the details of 'SACM" spreadsheet against "BIZTALK" spreadsheet. FCU matched the 7 BIZTALK attributes: (BT-01) 'TRANSACTION_ID', (BT-02) 'Amount', (BT-04) 'SETTLE_DATE', (BT-06) DEBIT_ACCOUNT, (BT-07) LE_ID, (BT-08) INITIATOR, (BT-09) VALIDATOR

against the 6 SACM attributes: (SM-01) 'ID', (SM-02) 'Amount', (SM-03) 'Payment Date', (SM-04) 'TBA A/C' (Debit a/c), (SM-05) 'SWIFT Transmission ID', (SM-06) 'Released By' (Validator), (SM-07) 'Released by' (Initiator'). No exceptions noted. ==> The interface SWIFT-BIZTALK is accurate.

.

The 3 interfaces are accurate.

.

Securities and Cash Management [Version 08.2017.11.30] - [User: OPS$JHOLMES on CTPROD]

File Settlements Templates View Update

Query all payments on 16-Nov-2017

CA-1402691 SACM-BIZTALK-S01.5

Payments/Receipts | Templates | Security Management | Coupon Tracking | Coupon Maintenance | SecRecTool | Cash Management | CXR

Sl Grp: <ALL> Entity: <ALL> Ccy: <ALL> Sttl ID: Account: <ALL> Sttl Dates: 16-Nov-2017 17-Nov-2017 Pos Type: <ALL> Retrieve

Amount: 0.00 Client: <ALL> POS ID: Include: All Group: <ALL> Show Excl. Sttl. What's Left: Reset Filters

Drag a column header here to group by that column

Sttl ID	Sttl Date	Src	Entity	Debit Acct #	Client	Bank Account	Currency	Amount	Beneficiary/Ordering Customer/Market	Bene Bank/Ordering Inst./PSET	Rel.	Pymt Grp	Swif...	Released on	ACK Date	Bank Released
7510241	16-Nov-2017	J	MK	30897541	AGLIC	MK USD	USD	(706,647.50)	/323957641 AIG LIQUIDITY POOL	//FW021000021 JPM CHASE, NEW Y...	✓	TREASURY		16-Nov-2017 01:5...	16-Nov-2017...	16-Nov-2017 02...
7514457	16-Nov-2017	J	GB	L22749-3	AIGMKTS	POOL GB D	USD	(114,863,920.89)	/30897541 AGIGUS33MKT AMERICAN INTER...	//FW021000089 CITIBANK, NY	✓	WSS		16-Nov-2017 12:4...	16-Nov-2017...	
7506934	16-Nov-2017	J	5X	8901284513	AIGMKTS	BKN DU USD	USD	(1,532,208.20)	/30897541 AGIGUS33MKT AMERICAN INTER...	CITIUS33 CITIBANK N.A. , NEW YO...	✓	BLOTTER		16-Nov-2017 01:2...	16-Nov-2017...	16-Nov-2017 01...
7510252	16-Nov-2017	J	I4	L22691-2	AIGMKTS	POOL I4 D	USD	(11,430,000.00)	/30897541 AGIGUS33MKT AMERICAN INTER...	CITIUS33 CITIBANK N.A. , NEW YO...	✓	WSS		16-Nov-2017 12:4...	16-Nov-2017...	
7514450	16-Nov-2017	J	MK	30897541	BOA N.A.	MK USD	USD	(1,427,314.25)	/1233461892 BOFAUS3DEQN BANK OF AME...	//FW026009593 BANK OF AMERICA...	✓	TREASURY		16-Nov-2017 01:5...	16-Nov-2017...	16-Nov-2017 01...
7510232	16-Nov-2017	J	MK	30897541	CITI NY	MK USD	USD	(41,500.00)	/0016-7679 CITIBANK N.A., NEW YORK	//FW021000089 CITIBANK N.A., NE...	✓	TREASURY		16-Nov-2017 01:5...	16-Nov-2017...	16-Nov-2017 02...
7511573	16-Nov-2017	J	MK	30897541	CITI NY	MK USD	USD	(784,367.98)	/0016-7679 CITIBANK N.A., NEW YORK	//FW021000089 CITIBANK N.A., NE...	✓	TREASURY		16-Nov-2017 01:5...	16-Nov-2017...	16-Nov-2017 01...
7377172	16-Nov-2017	J	MK	30897541	M/S CAPNY	MK USD	USD	(220,106.91)	/4072-4601 MORGAN STANLEY CAPITAL SER...	//FW021000089 CITIBANK, NEW YO...	✓	TREASURY		16-Nov-2017 01:5...	16-Nov-2017...	16-Nov-2017 01...
7237491	16-Nov-2017	J	MK	30897541	VALIC01	MK USD	USD	(748,147.50)	/323957641 AIG LIQUIDITY POOL	//FW021000021 JPMORGAN CHASE ...	✓	TREASURY		16-Nov-2017 01:5...	16-Nov-2017...	16-Nov-2017 02...
7514097	16-Nov-2017	J	MK	30897541	AGLIC	MK USD	USD	(41,623,513.50)	/323957641 AMERICAN GENERAL LIFE INSU...	CHASUS33 JPMORGAN CHASE BANK...	✓	CASH COLL		16-Nov-2017 01:5...	16-Nov-2017...	16-Nov-2017 01...
7514112	16-Nov-2017	J	AA	8611824654	AIGMKTS	AA USD C	USD	(2,862,759.15)	/30897541 AGIGUS33MKT AMERICAN INTER...	//FW021000089 CITIBANK, NY	✓	WSS		16-Nov-2017 11:1...	16-Nov-2017...	16-Nov-2017 11...
7514115	16-Nov-2017	J	EY	XA3000-6	AIGMKTS	POOL EY C	USD	(4,747,707.75)	/30897541 AGIGUS33MKT AMERICAN INTER...	//FW021000089 CITIBANK, NY	✓	WSS		16-Nov-2017 11:1...	16-Nov-2017...	
7511212	16-Nov-2017	J	I5	9102460970	AIGMKTS	I5 USD	USD	(3,470,000.00)	/30897541 AGIGUS33MKT AMERICAN INTER...	//FW021000089 CITIBANK, NY	✓	WSS		16-Nov-2017 11:1...	16-Nov-2017...	16-Nov-2017 11...
7514113	16-Nov-2017	J	EU	323160387	AIGMKTS	EU USD 323160387	USD	(7,757,865.72)	/30897541 AGIGUS33MKT AMERICAN INTER...	//FW021000089 CITIBANK, NY	✓	WSS		16-Nov-2017 11:1...	16-Nov-2017...	16-Nov-2017 11...
7514116	16-Nov-2017	J	GB	L22750-3	AIGMKTS	POOL GB C	USD	(785,654.57)	/30897541 AGIGUS33MKT AMERICAN INTER...	//FW021000089 CITIBANK, NY	✓	WSS		16-Nov-2017 11:1...	16-Nov-2017...	
7514108	16-Nov-2017	J	MJ	XA2460-5	AIGMKTS	POOL MJ USD	USD	(58,111.07)	/30897541 AGIGUS33MKT AMERICAN INTER...	//FW021000089 CITIBANK, NY	✓	WSS		16-Nov-2017 11:1...	16-Nov-2017...	
7514309	16-Nov-2017	J	F0	03111598	ANZ-NYSTI	CIT F0 USD	USD	(1,000,000.00)	/400928884 ANZBUS33 AUSTRALIA AND NE...	//FW021000021 JPMORGAN CHASE ...	✓	STI DUBLIN		16-Nov-2017 10:4...	16-Nov-2017...	16-Nov-2017 10...

Cnt: 162 (3,804,316,288...

[Released on] >= '16-Nov-2017 12:00:00 AM' And [Released on] < '17-Nov-2017 12:00:00 AM' And Is null or empty([Swift Message Type]) And [Amount] < '0.00' Edit Filter

Drag a column header here to group by that column

Changed	Entity	Bank Account	Pos ID	Trat ID	Cal ID	Grp ID String	Client	Currency	Amount	Position Type	Trat Type	Source	Confirmed On / By	ISIN	Clearing ID	Security Type	NICKNAME	Ref #
N	EU	EU USD 323160387	1644585	1	710	1	AIGMKTS	USD	(7,830,000.00)	BORROWING		JAVAH						3
N	EU	EU USD 323160387	1687529	1	757	1	AIGMKTS	USD	72,029.28	BORROWING		JAVAH						3
N	EU	EU USD 323160387	1687529	9	33	9	AIGMKTS	USD	105.00	BORROWING		JAVAH						3

Cnt: 3 (7,757,865.72)

Total payments = 162

TS-B.01

SACM Query criteria: all payments on 16-Nov-2017

Ready... Last Upload: Last run ended at 01/19 12:01 pm

12:14 PM 1/19/2018

Toad for Oracle - [OPS$MCEN@CTPROD - Editor (New 1 *)]

File Edit Search Editor Session Database Debug View Utilities Rerun Window Help

CA-1402691 SACM-BIZTALK-S01.6

OPS$MCEN@CTPROD

SACM database

Jump to... (Ctrl+J)

Editor

Desktop: SQL OPS$MCEN

New 1 * New 2 *

```
select * from sacm_pr where status_ind = 'OPEN'
and trunc(release_timestamp) = '16-nov-2017'
and mercury_status = 'PASS'
and pay_rec_ind = 'P';
```

SQL query to extract 162 payments from SACM on 16-Nov-2017 and sent to BIZTALK.
The results of this query is extracted into the spreadsheet "sacm_to_biztalk_1162017.xls" (pg. 19A)

Data Grid

Data Grid | Trace | DBMS Output | Query Viewer | Explain Plan | Script Output | Messages

Drag a column header here to group by that column

ID	PAYMENT_DT	BOOK_CODE	CLIENT_ID	CURRENCY_ID	CPY_REF_NUMBER	INST_SET	NETTING	AMOUNT	SEC_TYPE_DESC	CNT	UPDATED_TIMESTAMP	STATUS_IND	SACM_INSTR_ID	TBA_ABBREV	SACM_RUN_ID	ORIG_NETTING	GROUP_VOID_FLAG	INVENTORY_LOCATION	EXCLUDE_FLAG	INSTR_UPDA
7514311	11/16/2017	0	425	0				-5000000			11/16/2017 10:27:14 AM	OPEN	6832891	POOL US USD					N	
7514312	11/16/2017	6		0	1	1		-700000			11/16/2017 10:27:43 AM	OPEN	6832892	BKN MF USD					N	
7514401	11/16/2017	0		0	1	1		-1890074.54			11/16/2017 10:58:31 AM	OPEN	6832981	BKN US USD					N	
7514487	11/16/2017	726	8180	0	1	1		-956279.8	NONSEC		11/16/2017 11:52:05 AM	OPEN	6833067	MK USD					N	
7514488	11/16/2017	0		0	1	1		-4500000			11/16/2017 11:52:47 AM	OPEN	6833068	BNY US USDJ					N	
7514561	11/16/2017	762	1517	0				-2243180			11/16/2017 1:08:20 PM	OPEN	6833141	POOL EY C					N	
7514562	11/16/2017	726		0				-58000000			11/16/2017 1:11:34 PM	OPEN	6833142	MK USD					N	
7514823	11/16/2017	0		0				-3000000			11/16/2017 2:49:53 PM	OPEN	6833403	BKN US USD					N	
7515191	11/16/2017	814	19455	0	1	3	-2	-20000000	TIME DEPOSIT	1	11/16/2017 4:14:36 PM	OPEN	6833771	SSB O8 USD	86016	2		0	N	
7515193	11/16/2017	814	19470	0	1	3	-2	-35000000	TIME DEPOSIT	1	11/16/2017 4:14:36 PM	OPEN	6833773	SSB O8 USD	86016	2		0	N	
7515195	11/16/2017	814	19492	0	1	3	-2	-25000000	TIME DEPOSIT	1	11/16/2017 4:14:37 PM	OPEN	6833775	SSB O8 USD	86016	2		0	N	
7515197	11/16/2017	814	19504	0	1	3	-2	-40000000	TIME DEPOSIT	1	11/16/2017 4:14:37 PM	OPEN	6833777	SSB O8 USD	86016	2		0	N	
7515199	11/16/2017	814	19525	0	1	3	-2	-25000000	TIME DEPOSIT	1	11/16/2017 4:14:37 PM	OPEN	6833779	SSB O8 USD	86016	2		0	N	
7237491	11/16/2017	726	20234	0	1	1	3	-748147.5	NONSEC	1	5/5/2017 8:12:48 PM	OPEN	6556055	MK USD	80187	3		0	N	

4: 5 164 msecs Row 1 of 162 total rows OPS$MCEN@CTPROD Modified

AutoCommit is OFF CAPS NUM INS

TS-B.02 Total Count = 162

Start 12:22 PM 1/19/2018

Toad for Oracle - [MCEN@PLUTUSP.WORLD (plutusp1:wlt5exa01) - Editor (New 1 *)]

CA-1402691 SACM-BIZTALK-S01.7

OPS$MCEN@CTPROD | MCEN@PLUTUSP.WORLD [1]

MERCURY database

```
select
--distinct transaction_id
trunc(from_tz( cast(insert_timestamp as timestamp), 'GMT' )) est_insert_ts , insert_timestamp, pd.*
from mercury.payment_details_view pd
where source_system = 'SACM'
and trunc(from_tz( cast(insert_timestamp as timestamp), 'GMT' )) = '16-nov-2017'
```

SQL query to extract 163 payments received by BIZTALK from SACM for pay date 16-Nov-2017.
The results of this query is extracted into the spreadsheet "biztalk_from_sacm_1162017.xls" (pg. 19B)

Data Grid | Trace | DBMS Output (disabled) | Query Viewer | Explain Plan | Script Output | Messages

Drag a column header here to group by that column

EST_INSERT_TS	INSERT_TIMESTAMP	PAYMENTID	ACTIVITY_PAYMENT_ID	PAYMENT_TYPE	DEBIT_ACCOUNT	DEBIT_MEMO_ACCOUNT	DEBIT_MEMO_BU_NAME	DEBIT_MEMO_BU_LONG_NAME	CREDIT_ACCOUNT	CREDIT_MEMO_ACCOUNT	INTERMEDIARY_ACCOUNT	AMOUNT	USD_EQUI
11/16/2017	11/16/2017 8:06:58 PM	9985257	4983bc39-f7ad-4ff5-9c86-f1400910c6d8	WIRE	921163AUD00001				139831335	P55100-1.USD.1		600	
11/16/2017	11/16/2017 2:29:08 PM	9976755	eafc7ac1-9445-485a-b86c-20af09ff66fb	WIRE	13174174				0178258260			3092.59	
11/16/2017	11/16/2017 2:29:19 PM	9976756	a2c4182e-c619-44c2-bf96-0bce64b5f092	WIRE	03111598				020019442500132			12000000	
11/16/2017	11/16/2017 6:57:37 PM	9985145	3c8f47c1-c082-462e-9de6-d9df488a2a30	WIRE	30897541				2000090741021			2350000	
11/16/2017	11/16/2017 6:57:56 PM	9985151	ed251923-4636-47d9-9262-c80ba6441b83	WIRE	30897541				8900504366	40942501.GBP.1		873570.72	
11/16/2017	11/16/2017 6:57:59 PM	9985152	ae3d34da-0192-44b7-ab51-945a8687db9b	WIRE	30897541				0016-7679			784367.98	
11/16/2017	11/16/2017 6:58:12 PM	9985157	cce6e59b-73e3-48e3-aeae-dce4e9f12604	WIRE	30897541				8900504366	40942501.GBP.1		647119.54	
11/16/2017	11/16/2017 6:58:24 PM	9985161	426e68c3-4872-4b67-b442-5d15d87808bf	WIRE	30897541				8900504366	30829513.JPY.1		149699.88	
11/16/2017	11/16/2017 6:58:27 PM	9985162	33a0c7d5-4b96-4721-b6b2-ef2ff21cb665	WIRE	30897541				5549158400	49168400.USD.1		117580.55	
11/16/2017	11/16/2017 9:28:14 PM	9985295	21f41f13-6cdc-4ce3-9828-fda2514eeef9	WIRE	PA1A				400928884			55000000	
11/16/2017	11/16/2017 9:37:11 PM	9985298	88a4d55f-ec45-4a9b-9a61-2ade033b5821	WIRE	PA1A				2000292911219			35000000	
11/16/2017	11/16/2017 2:30:55 PM	9976778	3c9e815c-475d-47d0-aeaf-25524540a686	WIRE	13174174				GB66BOFA16505049185061			92631.08	
11/16/2017	11/16/2017 6:29:00 PM	9981189	c05122b6-ea63-474e-8530-286b9c5d85cb	WIRE	8901284513				30897541			1532208.2	
11/16/2017	11/16/2017 6:57:40 PM	9985146	3abd46c5-8838-4712-821c-0462da993d27	WIRE	30897541				04 437 031			2000000	

6: 81 | 7 secs | Row 1 of 163 total rows | MCEN@PLUTUSP.WORLD | Modified

TS-B.02: Total Count = 163

AutoCommit is OFF | CAPS | NUM | INS

Start | 12:25 PM 1/19/2018

CA-1402691 SACM-BIZTALK-S01.8

```
select
si.bene_type_ind,
pr.* from sacm_pr pr, sacm_instr si
where pr.status_ind = 'OPEN'
and trunc(pr.release_timestamp) = '16-nov-2017'
and pr.mercury_status = 'PASS'
and pr.pay_rec_ind = 'P'
and pr.id = 7498181
and pr.sacm_instr_id = si.id;
```

TS-B.02 "CORP" Payment from SACM #7498181

Data Grid

Data Grid | Trace | DBMS Output | Query Viewer | Explain Plan | Script Output | Messages

Drag a column header here to group by that column

BENE_TYPE_IND	ID	PAYMENT_DT	BOOK_CODE	CLIENT_ID	CURRENCY_ID	CPY_REF_NUMBER	INST_SET	NETTING	AMOUNT	SEC_TYPE_DESC	CNT	UPDATED_TIMESTAMP	STATUS_IND	SACM_INSTR_ID	TBA_ABBREV	SACM_RUN_ID	ORIG_NETTING	GROUP_VOID_FLAG	INVENTORY_LOCATION
CORP	7498181	11/17/2017	726	21271	0	1	1	6	-4000000	INTERNAL	1	11/16/2017 4:05:30 AM	OPEN	6816760	MK USD	85677	0		0

CA-1402691 SACM-BIZTALK-S01.9

```
select
--distinct transaction_id
trunc(from_tz( cast(insert_timestamp as timestamp), 'GMT' )) est_insert_ts , insert_timestamp, pd.*
from mercury.payment_details_view pd
where source_system = 'SACM'
and trunc(from_tz( cast(insert_timestamp as timestamp), 'GMT' )) = '16-nov-2017'
and transaction_id = 7498181
--group by transaction_id having count(*) >1
```

"CORP" Payment from SACM #7498181
"created" 2 wires in BIZTALK

TS-B.02 "CORP" Payment from SACM #7498181

Data Grid

Data Grid | Trace | DBMS Output (disabled) | Query Viewer | Explain Plan | Script Output | Messages

Drag a column header here to group by that column

EST_INSERT_TS	INSERT_TIMESTAMP	PAYMENTID	ACTIVITY_PAYMENT_ID	TRANSACTION_ID	PAYMENT_TYPE	DEBIT_ACCOUNT	DEBIT_MEMO_ACCOUNT	DEBIT_MEMO_BU_NAME	DEBIT_MEMO_BU_LONG_NAME	CREDIT_ACCOUNT	CREDIT_MEMO_ACCOUNT	INTERMEDIARY_ACCOUNT	AMOUNT
11/16/2017	11/16/2017 11:58:32 AM	9969906	f22d1701-55b3-43c3-a9cb-8aee52ea3c04	7498181	WIRE	30897541				0010962009			4000000
11/16/2017	11/16/2017 11:58:35 AM	9969907	5c954155-06da-4712-bd86-babdafa36d5e	7498181	WIRE	30897541				41449321			4000000

Network ▸ investments.aig.net ▸ prod ▸ Archive ▸ BizTalk ▸ WLTVSPBZTK ▸ Mercury.Payments ▸ MT103 ▸ Delivered ▸ SACM ▸ 2017-11-16

CA-1402691 SACM-BIZTALK-S01.10

Details on #7514113 shown in SACM: (SM-01) 'ID', (SM-02) 'Amount', (SM-03) 'Payment Date', (SM-04) 'TBA A/C' (Debit a/c), (SM-05) 'SWIFT Transmission ID', (SM-06) 'Released By' (Validator), (SM-07) 'Released by' (Initiator'), (SM-08) 'Pay status' (Mercury Status'), (SM-09) 'Client ID'

Securities and Cash Management [Version 08.2017.10.05] - [User: OPS$MCEN on CTPROD]

File Settlements Templates View Update

Payments/Receipts | Templates | Security Management | Coupon Tracking | Coupon Maintenance | Cash Management

Sl Grp: AFFILIA... Entity: <ALL> Ccy: <ALL> Stll ID: Account: <ALL> Stll Dates: 16-Nov-2017 16-Nov-2017 Pos Type: <ALL> Retrieve

Amount: 0.00 Client: <ALL> POS ID: Include: All Group: WSS ☑ Show Excl. Stll. What's Left: N/A Reset Filters

Drag a column header here to group by that column

Stll ID	Src	En...	Client	Bank A...	Curr...	Amount	Beneficiary/Ordering ...	Bene Bank/Orderi...	Intermediary Ban...	Excl.	Pymt Grp	Rel.	Higher Tier Check	Released on	ACK Date	Bank Released	BU OK	Cnf
7510252	J	I4	AIG...	POOL I...	USD	(11,430,000.00)	/30897541 AGIGUS3...	CITIUS33 CITIBA...		☐	WSS	☑	☐	16-Nov-2017 12:40:37 PM	16-Nov-2017...		☐	☐
7511212	J	I5	AIG...	I5 USD	USD	(3,470,000.00)	/30897541 AGIGUS3...	//FW021000089 ...		☐	WSS	☑	☐	16-Nov-2017 11:11:27 AM	16-Nov-2017...	16-Nov-2017 11:15:...	☐	☐
7514109	J	DF	AIG...	POOL D...	USD	41,623,513.50	/30897541 AGIGUS3...	//FW021000089 ...		☑	WSS	☐	☐				☐	☐
7514112	J	AA	AIG...	AA USD C	USD	(2,862,759.15)	/30897541 AGIGUS3...	//FW021000089 ...		☐	WSS	☑	☐	16-Nov-2017 11:11:30 AM	16-Nov-2017...	16-Nov-2017 11:14:...	☐	☐
7514113	J	EU	AIG...	EU USD...	USD	(7,757,865.72)	/30897541 AGIGUS3...	//FW021000089 ...		☐	WSS	☑	☐	16-Nov-2017 11:11:20 AM	16-Nov-2017...	16-Nov-2017 11:14:...	☐	☐
7514116	J	GB	AIG...	POOL G...	USD	(785,654.57)	/30897541 AGIGUS3...	//FW021000089 ...		☐	WSS	☑	☐	16-Nov-2017 11:11:43 AM	16-Nov-2017...		☐	☐
7514118	J	I4	AIG...	POOL I...	USD	2,598,731.41	/30897541 AGIGUS3...	//FW021000089 ...		☑	WSS	☐	☐				☐	☐
7514350	J	EM	BNP...	POOL E...	USD	1,514,309.00	/0200534256USD434...	BNPAUS3N BNP P...		☑	WSS	☐	☐				☐	☐
Cnt: 37						54,121,521.97												

Changed	Entity	Bank Account	Pos ID	Trat ID	Cal ID	Grp ID String	Client	Currency	Amount	Position Type	Trat Type	Source	Confirmed On / By	ISIN	Cleari...	Security Type	NICKNAME	Ref #
N	AA	AA USD C	1633368	1	768	1	AIGMKTS	USD	(2,880,000.00)	BORROWING		JAVAH						3
16-NOV-2017 ...	AA	AA USD C	1714867	1	632	1	AIGMKTS	USD	17,397.85	BORROWING		JAVAH						3
16-NOV-2017 ...	AA	AA USD C	1714867	9	33	9	AIGMKTS	USD	(157.00)	BORROWING		JAVAH						3

SM-01

SM-02

SM-03

TS-C.01

Cnt: 3 (2,862,759....

Ready... Last Upload: Last run ended at 11/16 12:49 pm

Schema Browser Editor

Search 2017-11-16

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ercury.Payments.Schemas.Ext
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AreaCode>33</AreaCode>
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/BankCode><CountryCode>US
AreaCode>3N</AreaCode>
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ACM</SourceSystem>
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CT 06897</Line2>
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ddress/>
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6130</Account><IdType>BANK
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14076</ReferenceID>
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 Corp.</Name><Address/>
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RTY STREET</Line1><City>NEW
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2017-11-16_11-11-39_a67b18ed-0dea-468f-a6a0-ba40769227e8.xml 11/16/2017 11:11 AM XML Document 3 KB

2017-11-16_11-11-42_265c75c0-dd13-49ea-84d0-a95f7b20a401.xml 11/16/2017 11:11 AM XML Document 3 KB

2017-11-16_06-45-04_308f83ee-511c-43e... Date modified: 11/16/2017 6:45 AM Date created: 11/16/2017 6:45 AM Offline status: Online

XML Document Size: 2.74 KB Offline availability: Not available

Ready

1:36 PM 11/16/2017

CA-1402691 SACM-BIZTALK-S01.11

TS-C.01

Details on #7514113 shown in SACM: (SM-01) 'ID', (SM-02) 'Amount', (SM-03) 'Payment Date', (SM-04) 'TBA A/C' (Debit a/c), (SM-05) 'SWIFT Transmission ID', (SM-06) 'Released By' (Validator), (SM-07) 'Released by' (Initiator'), (SM-08) 'Pay status' (Mercury Status'), (SM-09) 'Client ID'

Payment # 7514113 [R/O] SM-01

[Marked for release by: TEWS AIG, GRACE] [Released by: ENG, KEITH]

Account: EU USD 323160387 SM-07
Account #: 323160387 SM-06 SM-04
Ccy.: USD
Entity: EU
Ordering Party: National Union Fire Insurance Co
Amount: 7,757,865.72 SM-02
Client: 18097 SM-09
Settle Date: 16-Nov-2017 SM-03
Receiver BIC: CHASUS33
Sender BIC: AIGXUS33
Payment Group: WSS
Credit Memo:
WSS Rep Code:

Intermediary
SWIFT:
Fedwire:
Chips ABA:
Free Form Text:

Beneficiary Bank
SWIFT:
Acct #:
Fedwire: 021000089
Chips ABA:
CHAPS ID:
Free Form Text: CITIBANK, NY

Beneficiary
SWIFT: AGIGUS33MKT
Acct #: 30897541
Chips UID:
Entity is: BANK
Free Form Text: AMERICAN INTERNATIONAL GROUP GLOBAL INVESTMENT GROUP (MARKETS INC)

Bank To Bank
Bank To Bank Free Form Text:
Details:

CA-1402691 SACM-BIZTALK-S01.12

Details on #7514113 shown in XML instruction from SACM:
.
(SM-01) 'ID', (SM-02) 'Amount', (SM-03) 'Payment Date', (SM-04) 'TBA A/C' (Debit a/c), (SM-05) 'SWIFT Transmission ID', (SM-06) 'Released By' (Validator), (SM-07) 'Released by' (Initiator'), (SM-08) 'Pay status' (Mercury Status'), (SM-09) 'Client ID'


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          <AreaCode>33</AreaCode>
        </BIC>
      </Receiver>
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                  <Country>UNITED STATES OF AMERICA</Country>
                </Address>
              </Beneficiary>
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SM-04

TS-C.02

SM-05

SM-02

SM-01

SM-03

Instruction to convert to SWIFT MT101

CA-1402691 SACM-BIZTALK-S01.13


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        <Name>ENG, KEITH</Name>
        <ContactType>RELEASER</ContactType>
      </PaymentContact>
    - <Originator>
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        <SourceSystemClientName>AIG MARKETS, INC.</SourceSystemClientName>
        <SICode>E00395</SICode>
        <SIName>AIG Property Casualty U.S.</SIName>
        <LEID>LC0000AB8</LEID>
        <CorporateSegment>AIG Property Casualty U.S.</CorporateSegment>
        <Region>N/A</Region>
      </Originator>
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SM-07

TS-C.02

SM-06

SM-09

« archive (\\investments.aig.net\prod) (I:) ▸ BizTalk ▸ WLTVSPBZTK ▸ Mercury.Payments ▸ PaymentsService ▸ Received ▸ 2017-11-16

CA-11402691 SACM-BIZTALK-S01.14

Search 2017-11-16

Organize ▾ New folder

- Received
- MT103
  - Delivered
    - OL
    - SACM
- MT202
  - Delivered
    - OL
    - SACM
- MT210
- OFAC
- Oracle
- OracleCT
- PassedDupCheck
- PaymentFormatResponse
- PaymentsService
  - Received
- Resubmit
- Sepa
- SwiftAck
- SwiftMT199
- Unsupported
- Mercury.Payments.BermudaPayRoll
- Mercury.Payments.CDCS
- Mercury.Payments.CDCS.EDI
- Mercury.Payments.CDCS.GL
- Mercury.Payments.CDCS.Luminx
  - Delivered
  - Oracle
  - PolicyTrace
  - Received
    - BankReturn
    - Payment

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2017-11-16_05-19-09_780641ca-aa9f-4e5...	11/16/2017 5:19 AM	XML Document	3 KB
2017-11-16_06-36-24_0bf03495-151c-40d...	11/16/2017 6:36 AM	XML Document	4 KB
2017-11-16_06-45-04_308f83ee-511c-43e...	11/16/2017 6:45 AM	XML Document	3 KB
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2017-11-16_07-02-26_e69cef4a-d8e7-41d...	11/16/2017 7:02 AM	XML Document	4 KB
2017-11-16_07-04-16_413f9859-a60d-4ba...	11/16/2017 7:04 AM	XML Document	4 KB
2017-11-16_07-05-52_244fdf52-6487-4345...	11/16/2017 7:05 AM	XML Document	4 KB
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2017-11-16_09-16-16_32764f1e-c6df-4a8c...	11/16/2017 9:16 AM	XML Document	4 KB
2017-11-16_09-27-37_9e2684e1-f65f-4248...	11/16/2017 9:27 AM	XML Document	4 KB
2017-11-16_09-29-04_334582b9-c2b1-4b...	11/16/2017 9:29 AM	XML Document	4 KB
2017-11-16_09-29-08_026a401d-5fb6-413...	11/16/2017 9:29 AM	XML Document	4 KB
2017-11-16_09-29-18_9d1c7f70-06f8-4a56...	11/16/2017 9:29 AM	XML Document	4 KB
2017-11-16_09-30-47_79ea33eb-58ba-491...	11/16/2017 9:30 AM	XML Document	4 KB
2017-11-16_09-30-51_994223db-1844-4a0...	11/16/2017 9:30 AM	XML Document	4 KB
2017-11-16_09-30-54_ce2b1a6a-aa8a-470...	11/16/2017 9:30 AM	XML Document	4 KB
2017-11-16_09-30-58_c202f27e-7144-4f3d...	11/16/2017 9:30 AM	XML Document	4 KB
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2017-11-16_11-11-15_94489571-81fc-4fcd...	11/16/2017 11:11 ...	XML Document	3 KB
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163 items Offline status: Online
Offline availability: Not available

TS-B.03: BIZTALK Received 163 items on 16-NOV-2017

« archive (\\investments.aig.net\prod) (I:) ▸ BizTalk ▸ WLTVSPBZTK ▸ Mercury.Payments ▸ MT101 ▸ Delivered ▸ SACM ▸ 2017-11-16 CA-1402691 SACM-BIZTALK-S01:16

Organize ▾ New folder

- Mercury.EDI
- Mercury.FileAct
- Mercury.GL
- Mercury.Payments
  - ACH
  - AchFile
  - Bermuda
  - CPR
  - Duplicates
  - FailedMessages
  - MT
  - MT101
    - Delivered
      - OL
      - SACM
      - VALIC
      - WSS
    - Received
  - MT103
    - Delivered
      - OL
      - SACM
  - MT202
    - Delivered
      - OL
      - SACM
  - MT210
  - OFAC
  - Oracle
  - OracleCT
  - PassedDupCheck
  - PaymentFormatResponse
  - PaymentsService

Name	Date modified	Type	Size
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2017-11-16_11-12-35_1e06c367-86c9-42b...	11/16/2017 11:12 ...	Text Document	1 KB
2017-11-16_11-12-37_399f996d-1d59-477...	11/16/2017 11:12 ...	Text Document	1 KB
2017-11-16_11-12-39_a2b7aee7-9092-4cd...	11/16/2017 11:12 ...	Text Document	1 KB
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2017-11-16_11-12-46_c746831f-4e1d-4e6...	11/16/2017 11:12 ...	Text Document	1 KB
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2017-11-16_11-12-50_49953997-d9bf-418...	11/16/2017 11:12 ...	Text Document	1 KB
2017-11-16_11-12-51_8440e35d-ab08-4d0...	11/16/2017 11:12 ...	Text Document	1 KB
2017-11-16_11-12-56_1d7c6ec3-f2fb-47c...	11/16/2017 11:12 ...	Text Document	1 KB
2017-11-16_11-12-57_46787ecd-34f8-4ac...	11/16/2017 11:12 ...	Text Document	1 KB
2017-11-16_11-12-59_1cce495a-5868-4b5...	11/16/2017 11:12 ...	Text Document	1 KB
2017-11-16_11-13-07_8ca56396-920b-42d...	11/16/2017 11:13 ...	Text Document	1 KB
2017-11-16_12-41-30_30112dbe-f863-469...	11/16/2017 12:41 ...	Text Document	1 KB
2017-11-16_12-41-32_6c222531-a7af-404...	11/16/2017 12:41 ...	Text Document	1 KB
2017-11-16_13-30-14_7f6a8a60-bd4b-438...	11/16/2017 1:30 PM	Text Document	1 KB
2017-11-16_13-30-24_d73ffbc0-8611-4c3...	11/16/2017 1:30 PM	Text Document	1 KB

TS-B.04: 20 payments converted into MT101

20 items Offline status: Online
Offline availability: Not available

« archive (\\investments.aig.net\prod) (I:) ▸ BizTalk ▸ WLTVSPBZTK ▸ Mercury.Payments ▸ MT202 ▸ Delivered ▸ SACM ▸ 2017-11-16

CA-1402691 SACM-BIZTALK-S01 16

Organize ▾ New folder

- Mercury.EDI
- Mercury.FileAct
- Mercury.GL
- Mercury.Payments
  - ACH
  - AchFile
  - Bermuda
  - CPR
  - Duplicates
  - FailedMessages
  - MT
  - MT101
    - Delivered
      - OL
      - SACM
      - VALIC
      - WSS
    - Received
  - MT103
    - Delivered
      - OL
      - SACM
  - MT202
    - Delivered
      - OL
      - SACM
  - MT210
  - OFAC
  - Oracle
  - OracleCT
  - PassedDupCheck
  - PaymentFormatResponse
  - PaymentsService

Name	Date modified	Type	Size
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2017-11-16_06-45-50_6616ecb3-73d7-4be...	11/16/2017 6:45 AM	Text Document	1 KB
2017-11-16_06-58-34_87e46d2b-7c63-4c8...	11/16/2017 6:58 AM	Text Document	1 KB
2017-11-16_07-03-11_ce71bbb5-3be9-4df...	11/16/2017 7:03 AM	Text Document	1 KB
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105 items Offline status: Online
Offline availability: Not available

TS-B.04 105 payments converted into MT202

« archive (\\investments.aig.net\prod) (I:) ▸ BizTalk ▸ WLTVSPBZTK ▸ Mercury.Payments ▸ MT103 ▸ Delivered ▸ SACM ▸ 2017-11-16

Search 2017-11-16

CA-1492691-SACM-BIZTALK-S01-17

Organize ▾ New folder

- Mercury.EDI
- Mercury.FileAct
- Mercury.GL
- Mercury.Payments
  - ACH
  - AchFile
  - Bermuda
  - CPR
  - Duplicates
  - FailedMessages
  - MT
  - MT101
    - Delivered
      - OL
      - SACM
      - VALIC
      - WSS
    - Received
  - MT103
    - Delivered
      - OL
      - SACM
  - MT202
    - Delivered
      - OL
      - SACM
  - MT210
  - OFAC
  - Oracle
  - OracleCT
  - PassedDupCheck
  - PaymentFormatResponse
  - PaymentsService

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2017-11-16_15-03-12_c8e41e63-17b7-4d5...	11/16/2017 3:03 PM	Text Document	1 KB
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38 items Offline status: Online
Offline availability: Not available

TS-B.04 38 payments converted into MT103

CA-1402691 SACM-BIZTALK-S01.18

```
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:20:7514113
:28D:00001/00001
:50H:/323160387
National Union Fire Insurance Co.
of Pittsburgh
50 DANBURY RD.
WILTON CT, 06897-4444
:30:171116
:21:7514113
:32B:USD7757865,72
:57D://FW021000089
CITIBANK, NY
:59A:/30897541
AGIGUS33MKT
:71A:OUR
-}
```

BT-01

BT-06

BT-04

BT-02

TS-C.03

Details on #7514113 from BIZTALK (see pg. 20):

.

(BT-01) 'TRANSACTION_ID', (BT-02) 'Amount', (BT-03) 'USD_EQIV_CRET_AMOUNT', (BT-04) 'SETTLE_DATE', (BT-05) 'ESL_INSERT_TS', (BT-06) DEBIT_ACCOUNT, (BT-07) LE_ID, (BT-08) INITIATOR, (BT-09) VALIDATOR, (BT-10) PAYMENT_STATUS

SWIFT MT101 of payment instruction **#7514113**

CA-1402691 SACM-BIZTALK-S01.19

Reply | Reply All | Forward

Fri 12/8/2017 9:57 AM

Cen, Marcus

RE: sacm to biztalk payments 11/16/2017

To Ramirez, Liliana P

Cc Vinas, John

This message is part of a tracked conversation. Click here to find all related messages or to open the original flagged message.

Message | sacm_to_biztalk_11162017.xls (159 KB) | biztalk_from_sacm_11612017.xls (166 KB)

Spreadsheet A

Payments sent from SACM To Biztalk - result of query from previous page

Spreadsheet B

Payments received by Biztalk from SACM - result of query from previous page

SACM "Corporate" Payment #7498181 "created" 2 BIZTALK wires

Snapshot of spreadsheet

Here you go.

162 in sacm to biztalk

163 in biztalk from sacm (reason is one corporate sacm payment created 2 swifts (202 and 103))

For corporate payments, we are require to send a 202 and 103 for the same payment.

Spreadsheet A

CA-1402691 - SACM - BIZTALK.xlsx - Excel

Payment #7237491

A2: 7237491

	A	B	C	D	E	F	G	H	I	J	K	L
1	ID	PAYMENT_DT	BOOK_CODE	CLIENT_ID	CURRENCY_ID	CPY_REF_NUMBER	INST_SET	NETTING	AMOUNT	SEC_TYPE_DESC	CNT	UPDATED_TIME
2	7,237,491	11/16/2017 00:00:00	726	20,234	0	1	1	3	-748,148	NONSEC	1	05/05/2017
3	7,377,172	11/16/2017 00:00:00	726	160	0	1	1	-2	-220,107	NONSEC	1	08/14/2017
4	7,378,585	11/17/2017 00:00:00	726	65	21	1	1	-2	-42,760	NONSEC	1	08/15/2017
5	7,498,167	11/17/2017 00:00:00	376	18,097	1	1	1	3	-455,082,920	INTERNAL	1	11/06/2017
6	7,498,181	11/17/2017 00:00:00	726	21,271	0	1	1	6	-4,000,000	INTERNAL	1	11/16/2017
7	7,506,934	11/16/2017 00:00:00	1,161	18,097	0	1	1	3	-1,532,208	INTERNAL	1	11/16/2017
8	7,509,692	11/16/2017 00:00:00	841	18,097	0	1	2	33,000	-286,541	INTERNAL	1	11/14/2017
9	7,509,728	11/16/2017 00:00:00	726	20,599	0	1		24,000	-21,967	NONSEC	1	11/14/2017
10	7,509,802	11/16/2017 00:00:00	748	18,097	0	1	2	35,000	-7,558	INTERNAL	1	11/14/2017

CA-1402691 - SACM-BIZTALK | DELTA | SACM | SACM-SQL Statement | BIZTA ...

READY | AVERAGE: 7,509,774 | COUNT: 162 | SUM: 1,216,583,321 | 100%

SQL Statement

```
select distinct pr.* from sacm_pr pr
where pr.status_ind = 'OPEN'
and trunc(pr.release_timestamp) = '16-nov-2017'
and pr.pay_rec_ind = 'P'
and mercury_status = 'PASS'
```

TS-B.05A Total count = 162

Spreadsheet B

CA-1402691 - SACM - BIZTALK.xlsx - Excel

Snapshot of spreadsheet

A2: 11/16/2017 12:00:00 AM

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	EST_INSERT_TS	INSERT_TIMESTAMP	PAYMENT	ACTIVITY_	PAYMENT	DEBIT_AC	DEBIT_ME	DEBIT_ME	DEBIT_ME	CREDIT_A	CREDIT_N	INTERMEI	AMOUNT	USD_EQU	SETTLE_D
2	11/16/2017 00:00:00	11/16/2017 20:06:58	9,985,257	4983bc39-	WIRE	921163AUD00001				139831335	P55100-1.	USD.1	600	455	########
3	11/16/2017 00:00:00	11/16/2017 14:29:08	9,976,755	eafc7ac1-9	WIRE	13174174				0178258260			3,093	4,072	########
4	11/16/2017 00:00:00	11/16/2017 14:29:19	9,976,756	a2c4182e-	WIRE	03111598				020019442500132			########	########	########
5	11/16/2017 00:00:00	11/16/2017 18:57:37	9,985,145	3c8f47c1-c	WIRE	30897541				2000090741021			2,350,000	2,350,000	########
6	11/16/2017 00:00:00	11/16/2017 18:57:56	9,985,151	ed251923-	WIRE	30897541				890050436	40942501.	GBP.1	873,571	873,571	########
7	11/16/2017 00:00:00	11/16/2017 18:57:59	9,985,152	ae3d34da-l	WIRE	30897541				0016-7679			784,368	784,368	########
8	11/16/2017 00:00:00	11/16/2017 18:58:12	9,985,157	cce6e59b-	WIRE	30897541				890050436	40942501.	GBP.1	647,120	647,120	########
9	11/16/2017 00:00:00	11/16/2017 18:58:24	9,985,161	426e68c3-	WIRE	30897541				890050436	30829513.	JPY.1	149,700	149,700	########
10	11/16/2017 00:00:00	11/16/2017 18:58:27	9,985,162	33a0c7d5-	WIRE	30897541				554915840	49168400.	USD.1	117,581	117,581	########
11	11/16/2017 00:00:00	11/16/2017 21:28:14	9,985,295	21f41f13-6	WIRE	PA1A				400928884			########	########	########
12	11/16/2017 00:00:00	11/16/2017 21:37:11	9,985,298	88a4d55f-e	WIRE	PA1A				2000292911219			########	########	########

SACM-SQL Statement | BIZTALK | BIZTALK-SQL Statement | Sheet7

READY | AVERAGE: 11/16/2017 00:00:00 | COUNT: 163 | 100%

SQL Statement

```
select
--distinct transaction_id
trunc(from_tz( cast(insert_timestamp as timestamp), 'GMT' ))
est_insert_ts , insert_timestamp, pd.*
from mercury.payment_details_view pd
where source_system = 'SACM'
and trunc(from_tz( cast(insert_timestamp as timestamp), 'GMT' ))
= '16-nov-2017'
```

TS-B.05B Total count = 163

SM-05 SM-07 SM-08

SACM- See tab <SACM> & <SACM-SQL STATEMENT> for original System Generate Report

MATCH VALUES

ID	AMOUNT	PAYMENT_DT	TBA_ACCOUNT_NUMBER	SWIFT_TRANSMISSION_ID	RELEASED_BY_USER	MARK_FOR_RELEASE_BY_USED	MERCURY_STATUS	BOOK_CODE	CLIENT_ID	CPY_REF_NUMBER	INST_SET	NETTING	SEC_TYPE_DESC	CNT	STATUS_IND	SACM_INSTR_ID	TBA_ABBREV	SACM_RUN_ID	ORIG_NETTING	EXCLUDE_FLAG	RELEASE_FLAG	SACM_PAYMENT	TBA_RECEIVER_BIC	P R I
7514113	-7,757,866	11/16/2017 00:00:00	323160387	28855343	ENG, KEITH	TEWS AIG, GRACE	PASS	748	18097	3	3	3	CASH COLL	3	OPEN	6,832,693	EU USD 323160387	85984	3	N	Y	WSS	CHASUS33	P

SM-01 SM-02 SM-03 SM-04 SM-06

BIZTALK (See tabs <BIZTALK> & <BIZTALK-SQL STATEMENT> for original System Generate Report

MATCH VALUES

POOL_IND	SOURCE_LEVEL_1	TRANSACTION_ID	AMOUNT	USD_EQUIV_CREDIT_AMOUNT	SETTLE_DATE	EST_INSERT_TS	DEBIT_ACCOUNT	LE_ID	INITIATOR	VALIDATOR	PAYMENT_STATUS	PAYMENT ID	ACTIVITY_PAYMENT_ID	PAYMENT_TYPE	CREDIT_ACCOUNT	DEBIT_ACCOUNT INFO	SOURCE_SYSTEM	BBG_VALUE	INTERNAL_BENE_ID	DUPLICATE_ENTERED_BY_USER	HIGH_END_STATUS	OFAC_STATUS	CFLOW_TYPE1	BENE_NAME	BENE_ADDR1	BENE_STATE	BENE_COUNTR	BI K
SACM	SACM	7514113	7,757,866	7,757,866	11/16/2017 00:00:00	11/16/2017 00:00:00	323160387	28855343	TEWS AIG, GRACE	ENG, KEITH	PASS	9,976,882	2259e2ad-729b-4391-b841-874a9bde7f9d	WIRE	30897541	National Union Fire Insurance Co.	USD	YES	MT900 MATCH	NOT ELIGIBLE BUSN	NOT ELIGIBLE INTRNL	NOT ELIGIBLE BUSN	AMERICAN INTERNATI	AMERICAN INTERNATI	WILTON	UNITED STATES OF	CITIBANK, NY	C A N

BT-01 BT-02 BT-03 BT-04 BT-05 BT-06 BT-07 BT-08 BT-09 BT-10

Source: Leadsheet Tab "Sample7514113"