

2.0 Appendix A – Project Aspire Conversion/Interface Functional Design

ADML ID	1942
ADML Description	Interface Bank Adjustments
ADML Tech #	1942

2.1 Description Functionality

Bank Adjustments are received by sub-account in the bank statement BAI previous day files from banking institutions. State of Florida is only considering Bank Adjustments for AR type accounts; currently, only for Bank of America. These files are loaded into the system for bank reconciliation purposes. Treasury needs the capability to record the bank adjustments for each agency from the files loaded into Aspire.

Treasury is going to use functionality already established by AR (ADML 170) to record the bank adjustments to each agency using the same accounting that is used for Returned Items (ADML 70). The BAI file will identify each Bank Adjustment by BAI Code by sub-account. The Interface will look for the BA Return Trans Code, look up the accounting in the Custom Mapping Table (ADML 778), and then prepare a lock box file to create the Bank Adjustment in AR (ADML 170).

A new process scheduler Job should be created that will run both the custom process and Lockbox load program one after the other. Accordingly the new process scheduler job should be attached to the Retrieve Lockbox Files run control page.

The screenshot shows a web interface for 'Lockbox' management. At the top, there is a 'Lockbox' tab. Below it, the 'Run Control ID' is set to 'ADHOC'. There are links for 'Report Manager' and 'Process Monitor', and a yellow 'Run' button. A 'Process Request Parameters' table is displayed with the following columns: Name of Lockbox File, Process Frequency, Last Run Date, Last Run Time, and Process Instance. The table contains one row with 'Once' in the Process Frequency column. Below the table are several navigation buttons: Save, Return to Search, Next in List, Previous in List, Notify, Add, and Update/Display.

2.7 Record Layout

Header Record (Required)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
			Default to '1'		Record type	CHAR/1
			Default "TREAS" to		Destination ID/lockbox recipient	CHAR/20 Left Justified
			Calculated, total count of lockbox records in file		Total number of lockboxes	NUM/5 Right Justified Zero filled
			Total amount of all lockbox record total payment amount field 1 byte for sign (- or blank) + 13 bytes + 2 bytes. Do not include decimal in this file layout (2 implied decimal places).		Total payment amount	SIGN/13.2 Right Justified Zero filled
			Combination of Date and Time must be unique for each file		LOCKBOX_TRANS_DT	DATE/8

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
			sent. Format: MMDDYYYY			
			Combination of Date and Time must be unique for each file sent. Format: HHMMSS		LOCKBOX_TRANS_TIME	TIME/6

Service Record (Required)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
			Set this values to "2" (Service Record)		Record type	CHAR/1
			Set this value to "TREAS"		Destination ID/lockbox recipient	CHA/20 Left Justified
			user defined, recommend concatenating business unit + transmission date		Bank transmission ID	CHAR/20 Left Justified

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
			and time For example, 7300002152005132205 (DOR + 02/15/2005 + 13:22:05 + a space)			
			service type = 400, lockbox Set value as '400'		Service type	CHAR/3 Left Justified
			record length = 102 Set value as '102'		Record length	NUM/3 Right Justified
			char per block = 0102 Set value as '0102'		Characters per block	NUM/4 Right Justified
			format = 1, fixed field format Set Value as '1'		Format	NUM/1

Lockbox Record (Required)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
			Set this values to "3" (Detail Record)		Record Type	CHAR/1
			Set this value to "TREAS"		LOCKBOX_ID	CHA/15 Left Justified
			Fill with spaces.		FILLER (LOCKBOX_BATCH_ID)	CHAR/5 Left Justified
			Fill with spaces.		FILLER (Sequence number)	NUM/5 Right Justified
			Set this field to 0000 for Lockbox Record.		Record group ID	NUM/4 Right Justified
			Set this value to '00'		Detail record type	CHAR/2 Left Justified
			totald number of batch records		CONTROL_BATCH_CNT	NUM/6 Right Justified Zero filled
			Totald amount from each batch record total batch amount 1 byte for sign (- or		CONTROL_PAY_AMT	SIGN/13.2 Right Justified Zero filled

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
			blank) + 13 bytes + 2 bytes. Do not include decimal in this file layout (2 implied decimal places).			
			Totaled number from each batch record total number of payments field		CONTROL_PAY_CNT	NUM/6 Right Justified Zero filled
FL_DFS_MAP_TBL.BUSINESS_UNIT	CHAR/5				DEPOSIT_BU	CHAR/5 Left Justified
FL_DFS_MAP_TBL.BANK_ID_NBR	CHAR/20				BNK_ID_NBR	CHAR/20 Left Justified
FL_DFS_MAP_TBL.BANK_ACCOUNT_NUM	CHAR/17				BANK_ACCOUNT_NUM	CHAR/17 Left Justified

Batch Record (Required)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
			Set this values to "3" (Detail Record)		Record type	CHAR/1
			Set this value to "TREAS"		LOCKBOX_ID	CHAR/15 Left Justified
			Unique batch identifier for each deposit		LOCKBOX_BATCH_ID	CHAR/5 Left Justified
			Fill with spaces.		FILLER (Sequence number)	NUM/5 Right Justified
			Set this field to 0000 for Batch Record.		Record group ID	NUM/4 Right Justified Zero filled
			Set this value to '01'		Detail record type	CHAR/2 Left Justified
			Enter control total amount for this batch 1 byte for sign (- or blank) + 12 bytes + 2 bytes. Do not include decimal in this file layout (2 implied		CONTROL_AMT	SIGN/12.2 Right Justified Zero filled

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
			decimal places).			
			Enter total number of detail records type '02' in this batch. Example: 000008 for 8		CONTROL_CNT	NUM/6 Right Justified Zero filled
BANK_STMT_TBL.VA LUE_DT	Date/10		Totaled number from each batch record total number of payments field		ACCOUNTING_DT	DATE/8
BANK_STMT_TBL.RE CON_REF_ID			Set this value to "USD"		PAYMENT_CURRENCY	CHAR/ 3 Left Justified
BANK_STMT_TBL.RE CON_REF_ID	CHAR/15				DEPOSIT_ID	CHAR/ 15 Left Justified

Payment Detail 02 Check Info (Required)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
			Set this values to "3" (Detail Record)		Record type	CHAR/1
			Set this value to "TREAS"		LOCKBOX_ID	CHAR/15 Left Justified
			Set equal to 'LOCKBOX_BATCH_ID' value on Batch Record		LOCKBOX_BATCH_ID	CHAR/5 Left Justified
			Sequentially Assigned Number for each check for detailed processing.		Sequence number	NUM/5 Right Justified Zero filled
			Enter record group ID		Record group ID	NUM/4 Right Justified Zero filled
			Set this value to '02'		Detail record type	CHAR/2 Left Justified
BANK_STMT_TBL.BANK_REF_ID	CHAR/15				PAYMENT_ID	CHAR/15 Left Justified
BANK_STMT_TBL.RE	Sing/23.3		Enter payment amount for each payment line		PAYMENT_AMT	SIGN/11.2 Right Justified

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
CON_TRAN_AMT			1 byte for sign (- or blank) + 11 bytes + 2 bytes. Do not include decimal in this file layout (2 implied decimal places).			
BANK_STMT_TBL.VA LUE_DT	Date/10		Totaled number from each batch record total number of payments field		PAYMENT_DT	DATE/8
			Set this value to "CHK"		PAYMENT_METHOD	CHAR/ 3 Left Justified
			Set this value to "USD"		PAYMENT_CURRENCY	CHAR/ 3 Left Justified
BANK_STMT_TBL.RE CON_REF_ID	CHAR/15				DEPOSIT_ID	CHAR/ 15 Left Justified

Payment Detail 0A Accounting (Optional)

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
			Set this values to "3" (Detail Record)		Record type	CHAR/1
			Set this value to "TREAS"		LOCKBOX_ID	CHAR/15 Left Justified
			Set equal to 'LOCKBOX_BATCH_ID' value on Batch Record		LOCKBOX_BATCH_ID	CHAR/5 Left Justified
			Sequentially Assigned Number for each check for detailed processing.		Sequence number	NUM/5 Right Justified Zero filled
			Enter record group ID		Record group ID	NUM/4 Right Justified Zero filled
			Set this value to '0A'		Detail record type	CHAR/2 Left Justified
BANK_STMT_TBL.BANK_REF_ID	CHAR/15				DEPOSIT_ID	CHAR/15 Left Justified
			Sequentially assigned number for each unique payment sequence		DST_SEQ_NUM	NUM/3 Right Justified Zero filled

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
FL_DFS_ACCT_MAP.A CCOUNT	CHAR/10				ACCOUNT	CHAR/10 Left Justified
FL_DFS_ACCT_MAP.A LTACCT	CHAR/10		Set this value to "CHK"		ALTACCT	CHAR/10 Left Justified
FL_DFS_ACCT_MAP.D EPTID	CHAR/10				DEPTID	CHAR/10 Left Justified
FL_DFS_ACCT_MAP.O PERATING_UNIT	CHAR/8				OPERATING_ UNIT	CHAR/8 Left Justified
FL_DFS_ACCT_MAP.P RODUCT	CHAR/6				PRODUCT	CHAR/6 Left Justified
FL_DFS_ACCT_MAP.F UND_CODE	CHAR/7				FUND_CODE	CHAR/7 Left Justified
FL_DFS_ACCT_MAP.C LASS_FLD	CHAR/10				CLASS_FLD	CHAR/10 Left Justified
FL_DFS_ACCT_MAP.P ROGRAM_CODE	CHAR/4				PROGRAM_ CODE	CHAR/4 Left Justified

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
FL_DFS_ACCT_MAP.B UDGET_REF	CHAR/8				BUDGET_REF	CHAR/8 Left Justified
FL_DFS_ACCT_MAP.A FFILIATE	CHAR/5				AFFILIATE	CHAR/5 Left Justified
FL_DFS_ACCT_MAP.A FFILIATE_INTRA1	CHAR/10				AFFILIATE_INTRA1	CHAR/10 Left Justified
FL_DFS_ACCT_MAP.A FFILIATE_INTRA2	CHAR/10				AFFILIATE_INTRA2	CHAR/10 Left Justified
FL_DFS_ACCT_MAP.C HARTFIELD1	CHAR/10				CHARTFIELD1	CHAR/10 Left Justified
FL_DFS_ACCT_MAP.C HARTFIELD2	CHAR/10				CHARTFIELD2	CHAR/10 Left Justified
FL_DFS_ACCT_MAP.C HARTFIELD3	CHAR/10				CHARTFIELD3	CHAR/10 Left Justified
FL_DFS_ACCT_MAP.P ROJECT_ID	CHAR/15				PROJECT_ID	CHAR/15 Left Justified

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
			Set this value to Y	Y = The entry is complete and the records can be processed N = Additional review is required before the entries are posted	COMPLETE	CHAR /1
BANK_STMT_TBL.RE CON_TRAN_AMT	Sing/23.3				AMOUNT	NUM/14 (SIGN/11.2) Right Justified
FL_DFS_MAP_TBL.BU SSINESS_UNIT_GL	CHAR/5				BUSINESS_UNIT_GL	CHAR/5 Left Justified