

ADML 0170 - Interface Operations Guide (IOG)



State of Florida Project Aspire

Interface Operations Guide (IOG) – ADML 0170: BOA-Receipts Information

Version 3

Introduction

Document Purpose and Organization

The Interface Operations Guide (IOG) contains the interface specific information required for State of Florida Agencies to integrate with the Aspire system.

Each interface will contain a separate IOG with specific information. The IOG information will include the ADML number, description, file name(s), examples of load reports, frequency, run schedule, error conditions, etc. Additionally, the IOG will contain the file layout for the interface.

General interface information, including interface standards and updates can be found on the Project Aspire website, http://aspire.dfs.state.fl.us/Technical_Corner/

BOA-Receipts Information

Interface ADML Number	ADML 0170
Inbound/Outbound	Inbound
Interface Title	BOA-Receipts Information
Interface Description	This interface loads data from a flat file containing deposit information provided by the agencies, and populates Deposit/Payment Staging Tables: PS_DEPOSIT_EC, PS_PAYMENT_EC, PS_FL_PAYMISDST_EC and PS_FL_PMT_COMMT_EC, to be processed later by custom application engine processes.
Version	Version 3
Aspire Point of Contact	Aspire_Inbox@dfs.state.fl.us
Appropriate Usage	This is to be used by agencies desiring to load deposits into Aspire for bank reconciliation and cash clearing. This interface is not intended for deposit corrections. That activity will be processed online or by utilizing ADML 7 (Agency Journal Entry). Possible Replacement for FLAIR transactions 30, 31 & 33.
Source System/ Organization	Agency Business Systems/Agencies
Destination System/ Organization	Aspire/ DFS
Business Process Area	AR/Billing
Frequency	Daily
Run Schedule	(TBD)
File Name(s)	<Instance>.I0170XXX.<GLBU>.<DEPTID>.<YYMMDDHHmmss>
Interface Load Report(s)	<Instance>_I0170XXX_<GLBU>_<DEPTID>_<YYMMDDHHmmss>_log.txt
Report Manager Folder	BOA-Receipts Information
Navigation Path	Accounts Receivable>>Payments>>Electronic Payments>>Lockbox Process
Other Reference Documents	Interface Standards and Load Error Guide

ADML 0170 Field Standards
Alphanumeric (CHAR), Numeric (NUM), Date, and Time Fields

Data Type	Field Positioning	Field Padding	Example
CHAR/n	Left Justified	Space filled on right	A1B3...
NUM/n	Right Justified	Zero Filled on left	00001 for 1
SIGN/nV2 Implied Decimal	Right Justified Sign (+,- or space) in position 1	Zero Filled on left after sign	-00000000010050 for - 100.50
DATE/8	N/A	N/A	Format: MMDDYYYY 07262006
TIME/6	N/A	N/A	Format: HHMMSS 132200 for 1:22:00 PM

Record Layout

(Data Type: CHAR – Alphanumeric; NUM/NBR – Numeric; SIGN – Signed Numeric; DATE – Date; DTIME – Date & Time)

Agencies may record deposits in detail or summary. The purpose of recording deposits is for reconciliation of deposits with treasury and for accounting record keeping.

Detailed deposits are used if you wish to retain detailed payment records in ASPIRE or if you retain receivables in aspire detailed deposits are necessary to liquidate the receivable. Otherwise, summary records may be used.

Detailed deposits require the following records at a minimum:

- One Header Record

- One Service Record

- One Lockbox Record for each Bank Account

- One Batch Record for each deposit-slip number

- One Payment Record for each check

- The Revenue side only Accounting Records for each Payment Record

If you are liquidating receivables, detailed deposits require two additional records at a minimum:

- Payment Detail 3

- Payment Detail 7

Summary deposits require the following records at a minimum:

- One Header Record

One Service Record

One Lockbox Record for each Bank Account

One Batch Record for each deposit-slip number

One Payment Record for each deposit-slip number

The Revenue side only Accounting Records for each Payment Record

A Payment Reference Information record is defined as the last record. There may only be one Payment Reference Information record per Payment Detail 2 record.

Header Record (Required)

The Accounts Receivable Deposit Interface is a derivation of the delivered PeopleSoft lockbox interface. The delivered lockbox interface was designed to receive Banking files based on BAI record definition standards. As a result, various fields are used in a way different than intended by PeopleSoft to record deposit activity as required by the State while still utilizing the delivered interface. The fields include Destination_ID, Total lockboxes, Total payment, Lockbox transaction data and time. This is a required record.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type	CHAR/1	1	1	Required	1		N	
2	Destination ID/lockbox recipient	B	BAI standard field	CHAR/20	2	21	Required		Assign Agency Business Unit	N	
3	Total number of lockboxes	D	Total number of lockboxes	NUM/5	22	26	Required		Calculated, total count of lockbox records in file or total number unique bank accounts	N	
4	Total payment amount	D	Total payment amount	SIGN/13V2	27	42	Required		Sum of all payments submitted in interface file.	N	
5	LOCKBOX_TRANS_DT	D	Transmission date	DATE/8	43	50	Required		Combination of Date and Time must be unique for each file sent.	N	
6	LOCKBOX_TRANS_TIME	D	transmission time	TIME/6	51	56	Required		Combination of Date and Time must be unique for each file sent.	N	

Service Record (Required)

The fields include Destination_ID, Bank Transmission ID, Service type, Character per block, Format. This is a required record.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type	CHAR/1	1	1	Required	2		N	
2	Destination ID/lockbox recipient	B	BAI standard field	CHA/20	2	21	Required		Assign Agency Business Unit	N	
3	Bank transmission ID	B	BAI standard field	CHAR/20	22	41	Required		Concatenate business unit + transmission date and time For example, 7300002152005132205 (DOR + 02/15/2005 + 13:22:05 + a space)	N	
4	Service type	A	BAI Standard field	CHAR/3	42	44	Required	400		N	
5	Record length	A	BAI Standard field	NUM/3	45	47	Required	102		N	
6	Characters per block	A	BAI Standard field	NUM/4	48	51	Required	0102		N	
7	Format	A	BAI Standard field	NUM/1	52	52	Required	1		N	

Lockbox Record - Required (Target Table: AR_LOCKBOX_EC; LOCBOX_RUN_LOG)

The fields include Lockbox_ID, Control_Batch_Cnt, Control_Pay_Amt, Control_Pay_Cnt, Deposit_Bu, Bank_Id_Nbr, Bank_Account_Num. This is a required record.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type	CHAR/1	1	1	Required	3		N	
2	LOCKBOX_ID	B	BAI standard field	CHA/15	2	16	Required		Assign Agency Business Unit	N	
3	FILLER (LOCKBOX_BATCH_ID)	A	FILLER	CHAR/5	17	21	N/A			N	
4	FILLER (Sequence number)	A	FILLER	NUM/5	22	26	N/A			N	
5	Record group ID	A	Record Group ID identifies multiple lines of customer information or item information for a single payment.	NUM/4	27	30	Required	0000		N	
6	Detail record type	A	Type of a Detail Record	CHAR/2	31	32	Required	00		N	
7	CONTROL_BATCH_CNT	D	Total number of batches	NUM/6	33	38	Required		totalled number of batch records or total deposits for a bank account	N	
8	CONTROL_PAY_	D	Total payment	SIGN/13V2	39	54	Required		Totalled amount from	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
	AMT		amount within a lockbox						each batch record or sum of all deposit slip totals for a bank account		
9	CONTROL_PAY_CNT	D	Total number of payments within a lockbox	NUM/6	55	60	Required		Totaled number from each batch record total number of payments field	N	
10	DEPOSIT_BU	E	Deposit Business unit	CHAR/5	61	65	Required	BUS_UNIT_TBL_AR	Values provided in AR/Billing Agency Configuration Guide	N	
11	BNK_ID_NBR	E	Bank identification number	CHAR/20	66	85	Required		Values provided in Treasury Agency Configuration Guide	N	Bank ID number and bank account number will be the same for all agencies.
12	BANK_ACCOUNT_NUM	E	Bank account number	CHAR/17	86	102	Required		Values provided in Treasury Agency Configuration Guide	N	Bank ID number and bank account number will be the same for all agencies.

Batch Record Detail Type 01 – Required (Target Table: LOCKBOX_RUN_LOG, AR_DEPOSIT_EC)

The Batch Record is assigned for each deposit. There may NOT be multiple deposit ID's associated with one Batch ID. Batch ID is a one to one relationship to the Deposit ID. The Control Amount is the total deposit amount, the Control Count is the total number of items in the deposit. It is a required record.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type	CHAR/1	1	1	Required	3		N	
2	LOCKBOX_ID	B	BAI standard field	CHAR/15	2	16	Required		Assign Agency Business Unit	N	
3	LOCKBOX_BATCH_ID	C	Unique batch identifier for each deposit	CHAR/5	17	21	Required		Perpetual sequentially assigned number	N	A different batch id for each deposit slip
4	FILLER (Sequence number)	A	FILLER	NUM/5	22	26	N/A			N	
5	Record group ID	A	Record Group ID identifies multiple lines of customer information or item information for a single payment.	NUM/4	27	30	Required	0000		N	
6	Detail record type	A	Detail record type	CHAR/2	31	32	Required	01		N	
7	CONTROL_AMT	I	Control total amount for the deposit	SIGN/12V2	33	47	Required		Enter control total amount for this deposit	N	
8	CONTROL_CNT	I	Total number of 'detail record	NUM/6	48	53	Required		Enter total number of detail records type	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
			type' 02's within a batch						'02' in this batch.		
9	ACCOUNTING_DT	D	Date of deposit	DATE/8	54	61	Required		Enter date of deposit	N	
10	PAYMENT_CURRENCY	F	payment currency Code	CHAR/ 3	62	64	Required	USD EUR	Default is USD	N	
11	DEPOSIT_ID	D	Deposit slip number or bank reference deposit ID for EFT deposits	CHAR/ 15	65	79	Required		Enter deposit slip number or bank reference deposit ID for EFT deposit	N	

Payment Detail 02 Check Info – Required (Target Table: AR_PAYMENT_EC)

The Payment Detail 02 record records each item in the deposit, including checks, returned checks, etc. It is a required record, and is uniquely defined by using a unique Sequence Number.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type	CHAR/1	1	1	Required	3		N	
2	LOCKBOX_ID	B	BAI standard field	CHAR/15	2	16	Required		Assign Agency Business Unit	N	
3	LOCKBOX_BATCH_ID	C	Unique Identifier for each deposit	CHAR/5	17	21	Required		Set equal to 'LOCKBOX_BATCH_ID' value on Batch Record	N	
4	Sequence number	A	Unique identifier for each payment	NUM/5	22	26	Required		Sequentially Assigned Number for each check for detailed processing, or for each deposit slip for summary processing	N	
5	Record group ID	A	Record Group ID identifies multiple lines of customer information or item information for a single payment.	NUM/4	27	30	Required		Enter record group ID. This is essential to any agency that is applying a payment to an open receivable.	N	
6	Detail record type	A	Detail record type	CHAR/2	31	32	Required	02		N	
7	PAYMENT_ID	D	Payment	CHAR/15	33	47	Required		Check number for	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
			ID/check number						detailed processing, user assigned for Summary processing		
8	PAYMENT_AMT	D	Payment amount for each payment line	SIGN/11V2	48	61	Required		Enter payment amount for each payment line	N	Check amount for detailed processing, deposit slip amount for Summary processing
9	PAYMENT_DT	D	Date of payment for each payment line	DATE/8	62	69	Required		Date to be accrued in General Ledger.	N	
10	PAYMENT_METHOD	E	Payment method	CHAR/ 3	70	72	Required	CC=credit card CHK=check DD=direct debit DR=draft EFT=electronic funds transfer.	Default is CHK	N	
11	PAYMENT_CURRENCY	F	Payment currency	CHAR/ 3	73	75	Required	USD EUR	Default is USD	N	
12	DEPOSIT_ID	D	Deposit slip number or bank reference deposit ID for EFT deposits	CHAR/ 15	76	90	Required		Deposit slip number or bank reference deposit ID for EFT deposits	N	

Payment Detail 03 Customer Info – Optional (Target Table: AR_IDCUST_EC)

The Payment Detail 03 record is optional and is used to identify customer information to be used to liquidate an accounts receivable item. The Sequence Number used on this record in the file must correlate to a Payment Detail 02 record Sequence Number.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type	CHAR/1	1	1	Required	3		N	
2	LOCKBOX_ID	B	BAI standard field	CHAR/15	2	16	Required		user defined, recommend assigning business unit	N	
3	LOCKBOX_BATCH_ID	C	Unique Identifier for each deposit	CHAR/5	17	21	Required		Set equal to 'LOCKBOX_BATCH_ID' value on Batch Record	N	
4	Sequence number	A	Unique identifier for each payment	NUM/5	22	26	Required		Sequentially Assigned Number for each check for detailed processing, or for each deposit slip for summary processing	N	
5	Record group ID	A	Record Group ID identifies multiple lines of customer information or item information for a single payment.	NUM/4	27	30	Required		Enter record group ID, This is essential to any agency that is applying a payment to an open receivable.	N	
6	Detail record type	A	Detail record type	CHAR/2	31	32	Required	03		N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
7	BUSINESS_UNIT	E	Customer business unit	CHAR/5	33	37	Required	PS_BUS_UNIT_TBL_AR	If you provide this record, you must provide the customer business unit for the Open Item in AR.	N	
8	CUST_ID	G	Customer ID	CHAR/13	38	50	Required	PS_CUSTOMER	If you provide this record, you must provide the customer ID for the Open Item in AR.	N	
9	FILLER (MICR_ID)	B	FILLER	CHAR/30	51	80	N/A			N	
10	DEPOSIT_ID	D	Deposit slip number or bank reference deposit ID for EFT deposits	CHAR/15	81	95	Required		Enter deposit slip number or bank reference deposit ID for EFT deposits	N	

Payment Detail 04 Customer Info – Optional (Target Table: AR_IDCUST_EC)

The Payment Detail 04 record is optional and is used to identify customer information to be used to liquidate an accounts receivable item. The Sequence Number used on this record in the file must correlate to a Payment Detail 02 record Sequence Number.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type	CHAR/1	1	1	Required	3		N	
2	LOCKBOX_ID	B	BAI standard field	CHAR/15	2	16	Required		Assign Agency Business Unit	N	
3	LOCKBOX_BATCH_ID	C	Unique Identifier for each deposit	CHAR/5	17	21	Required		Set equal to 'LOCKBOX_BATCH_ID' value on Batch Record	N	
4	Sequence number	A	Unique identifier for each payment	NUM/5	22	26	Required		Sequentially Assigned Number for each check for detailed processing, or for each deposit slip for summary processing	N	
5	Record group ID	A	Record Group ID identifies multiple lines of customer information or item information for a single payment.	NUM/4	27	30	Required		Enter record group ID, This is essential to any agency that is applying a payment to an open receivable.	N	
6	Detail record type	A	Detail record type	CHAR/ 2	31	32	Required	04		N	
7	REMIT_FROM_	A	Remit from	CHAR/ 5	33	37	Required		Assign Agency	N	required if record is

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
	SETID		setID						Business Unit		used, SetID is same as Business Unit value
8	REMIT_FROM_CUST_ID	G	Remit from customer ID	CHAR/ 15	38	52	Required	PS_CUSTOMER	Must be valid customer id from ASPIRE	N	required if record is used
9	CORPORATE_SETID	A	Corporate setID	CHAR/ 5	53	57	Optional		Assign Agency Business Unit	N	Not required
10	CORPORATE_CUST_ID	G	Corporate customer ID	CHAR/ 15	58	72	Optional	PS_CUSTOMER		N	Not required
11	DEPOSIT_ID	D	Deposit slip number or bank reference deposit ID for EFT deposits	CHAR/15	73	87	Required		Enter deposit slip number or bank reference deposit ID for EFT deposits	N	

Payment Detail 05 Customer Info – Optional (Target Table: AR_IDCUST_EC)

The Payment Detail 05 record is optional and is used to identify customer information to be used to liquidate an accounts receivable item. The Sequence Number used on this record in the file must correlate to a Payment Detail 02 record Sequence Number.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type	CHAR/1	1	1	Required	3		N	
2	LOCKBOX_ID	B	BAI standard field	CHAR/15	2	16	Required		Assign Agency Business Unit	N	
3	LOCKBOX_BATCH_ID	C	Unique Identifier for each deposit	CHAR/5	17	21	Required		Set equal to 'LOCKBOX_BATCH_ID' value on Batch Record	N	
4	Sequence number	A	Unique identifier for each payment	NUM/ 5	22	26	Required		Sequentially Assigned Number for each check for detailed processing, or for each deposit slip for summary processing	N	
5	Record group ID	A	Record Group ID identifies multiple lines of customer information or item information for a single payment.	NUM/ 4	27	30	Required		Enter record group ID, This is essential to any agency that is applying a payment to an open receivable.	N	
6	Detail record type	A	Detail record type	CHAR/2	31	32	Required	05		N	
7	NAME1	D	Remit from	CHAR/39	33	71	Required	PS_CUSTO	Required if record is	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
			Customer name					MER	used.		
8	DB_NUMBER	E	Customer's Dunn & Bradstreet number	CHAR/9	72	80	Optional	PS_CUST_DB		N	
9	DEPOSIT_ID	D	Deposit slip number or bank reference deposit ID for EFT deposits	CHAR/ 15	81	95	Required		Enter deposit slip number or bank reference deposit ID for EFT deposits	N	

Payment Detail 06 Customer Info –Optional (Target Table: AR_IDCUST_EC)

The Payment Detail 06 record is optional and is used to identify customer information to be used to liquidate an accounts receivable item. The Sequence Number used on this record in the file must correlate to a Payment Detail 02 record Sequence Number.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type	CHAR/1	1	1	Required	3		N	
2	LOCKBOX_ID	B	BAI standard field	CHAR/15	2	16	Required		Assign Agency Business Unit	N	
3	LOCKBOX_BATCH_ID	C	Unique Identifier for each deposit	CHAR/5	17	21	Required		Set equal to 'LOCKBOX_BATCH_ID' value on Batch Record	N	
4	Sequence number	A	Unique identifier for each payment	NUM/5	22	26	Required		Sequentially Assigned Number for each check for detailed processing, or for each deposit slip for summary processing	N	
5	Record group ID	A	Record Group ID identifies multiple lines of customer information or item information for a single payment.	NUM/4	27	30	Required		Enter record group ID, This is essential to any agency that is applying a payment to an open receivable.	N	
6	Detail record type	A	Detail record type	CHAR/2	31	32	Required	06		N	
7	CITY	D	Customer city	CHAR/30	33	62	Required	PS_CUST_	Required if record is	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
								ADDR	used		
8	POSTAL	D	Customer postal	CHAR/12	63	74	Required	PS_CUST_ADDRESS	Required if record is used	N	
9	DEPOSIT_ID	D	Deposit slip number or bank reference deposit ID for EFT deposits	CHAR/15	75	89	Required		Enter deposit slip number or bank reference deposit ID for EFT deposits	N	

Payment Detail 07 Invoice Info – Optional (Target Table: AR_IDITEM_EC)

The Payment Detail 07 record is optional and is used to identify open item information to be used to liquidate an accounts receivable item. The Sequence Number used on this record in the file must correlate to a Payment Detail 02 record Sequence Number.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type	CHAR/1	1	1	Required	3		N	
2	LOCKBOX_ID	B	BAI standard field	CHAR/15	2	16	Required		Assign Agency Business Unit	N	
3	LOCKBOX_BATCH_ID	C	Unique Identifier for each deposit	CHAR/5	17	21	Required		Set equal to 'LOCKBOX_BATCH_ID' value on Batch Record	N	
4	Sequence number	A	Unique identifier for each payment	NUM/5	22	26	Required		Sequentially Assigned Number for each check for detailed processing, or for each deposit slip for summary processing	N	
5	Record group ID	A	Record Group ID identifies multiple lines of customer information or item information for a single payment.	NUM/4	27	30	N/A		Enter record group ID, This is essential to any agency that is applying a payment to an open receivable.	N	
6	Detail record type	A	Detail record type	CHAR/2	31	32	Required	07		N	
7	REF_QUALIFIER_CODE	A	Reference qualifier	CHAR/2	33	34	Required	I	required if record is used	N	
8	REF_VALUE	D	Reference value	CHAR/30	35	64	Required		value is invoice number	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
									in ASPIRE to be liquidated, required if record is used		
9	ITEM_LINE	D	item line	NUM/6	65	70	Required		Value is item line in ASPIRE for the respective invoice number, required if record is used	N	
10	FILLER (ENTRY_EVENT)	B	FILLER	CHAR/10	71	80	Filler		Fill this field with spaces.	N	
11	DEPOSIT_ID	D	Deposit slip number or bank reference deposit ID for EFT deposits	CHAR/15	81	95	Required		Enter deposit slip number or bank reference deposit ID for EFT deposits	N	This is essential to any agency that is applying a payment to an open receivable.

Payment Detail 08 Invoice Info – Optional (Target Table: AR_IDITEM_EC)

The Payment Detail 08 record is optional and is used to identify open item information to be used to liquidate an accounts receivable item. The Sequence Number used on this record in the file must correlate to a Payment Detail 02 record Sequence Number.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type	CHAR/1	1	1	Required	3		N	
2	LOCKBOX_ID	B	BAI standard field	CHAR/15	2	16	Required		Assign Agency Business Unit	N	
3	LOCKBOX_BATCH_ID	C	Unique Identifier for each deposit	CHAR/5	17	21	Required		Set equal to 'LOCKBOX_BATCH_ID' value on Batch Record	N	
4	Sequence number	A	Unique identifier for each payment	NUM/5	22	26	Required		Sequentially Assigned Number for each check for detailed processing, or for each deposit slip for summary processing	N	
5	Record group ID	A	Record Group ID identifies multiple lines of customer information or item information for a single payment.	NUM/4	27	30	Required		Enter record group ID, This is essential to any agency that is applying a payment to an open receivable.	N	
6	Detail record type	A	Detail record type	CHAR/2	31	32	Required	08		N	
7	ITEM_AMT	D	Total invoice	SIGN/11V2	33	46	Required		Enter total invoice	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
			amount						amount, total amount of original invoice in Aspire		
8	PAY_AMT	D	Amount of invoice paid	SIGN/11V2	47	60	Required		Enter amount of invoice paid	N	payment amount
9	DISC_TAKEN	D	Discount amount taken	SIGN/9V2	61	72	Required		Enter discount amount taken	N	discount amount
10	ITEM_DT	D	Invoice date	DATE/8	73	80	Required		Original invoice date in Aspire.	N	
11	DEPOSIT_ID	D	Deposit slip number or bank reference deposit ID for EFT deposits	CHAR/15	81	95	Required		Enter deposit slip number or bank reference deposit ID for EFT deposits	N	

Payment Detail 09 Invoice Info – Optional (Target Table: AR_IDITEM_EC)

The Payment Detail 09 record is optional and is used to identify open item information to be used to liquidate an accounts receivable item. The Sequence Number used on this record in the file must correlate to a Payment Detail 02 record Sequence Number.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type	CHAR/1	1	1	Required	3		N	
2	LOCKBOX_ID	B	BAI standard field	CHAR/15	2	16	Required		Assign Agency Business Unit	N	
3	LOCKBOX_BATCH_ID	C	Unique Identifier for each deposit	CHAR/5	17	21	Required		Set equal to 'LOCKBOX_BATCH_ID' value on Batch Record	N	
4	Sequence number	A	Unique identifier for each payment	NUM/5	22	26	Required		Sequentially Assigned Number for each check for detailed processing, or for each deposit slip for summary processing	N	
5	Record group ID	A	Record Group ID identifies multiple lines of customer information or item information for a single payment.	NUM/4	27	30	Required		Enter record group ID, This is essential to any agency that is applying a payment to an open receivable.	N	
6	Detail record type	A	Detail record type	CHAR/2	31	32	Required	09		N	
7	ADJUSTMENT_	D	Amount of an	SIGN/11V2	33	46	Required			N	amount to

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
	AMT		adjustment made to an invoice								adjust or write-off
8	ADJUSTMENT_REASON	D	Reason for the adjustment entry from reason code table	CHAR/2	47	48	Required	PS_REASON_TBL	Must be a valid adjustment reason code value in ASPIRE	N	
9	CUST_ID	G	Customer ID associated with this adjustment	CHAR/15	49	63	Required	PS_CUSTOMER	Must be a valid customer ID in ASPIRE	N	
10	DEPOSIT_ID	D	Deposit slip number or bank reference deposit ID for EFT deposits	CHAR/15	64	78	Required		Enter deposit slip number or bank reference deposit ID for EFT deposits	N	

Payment Detail 0A Accounting – Optional (Target Table: FL_PAYMISDST_EC)

The Accounting record should only be used if you are not liquidating accounts receivable items. It should be used with a Payment Detail 02 record, and Payment Detail record 03 through 09 should not be used. There may be multiple accounting lines for one Payment Detail 02 record, the sum of the amount for the multiple accounting lines must equal the amount on the Payment Detail 02 record. The Sequence Number used on this record in the file must correlate to a Payment Detail 02 record Sequence Number.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type: Indicates the type of record being submitted	CHAR/1	1	1	Required	Valid Value for the Detail Record is 3	Set this Value to 3	N	3 = Detail Record
2	LOCKBOX_ID	B	BAI standard field, user defined for this interface	CHAR/15	2	16	Required		user defined, recommend assigning business unit	N	
3	LOCKBOX_BATCH_ID	C	Unique Identifier for each deposit	CHAR/5	17	21	Required		Set equal to 'LOCKBOX_BATCH_ID' value on Batch Record	N	
4	Sequence number	A	Unique identifier for each payment	NUM/5	22	26	Required		Sequentially Assigned Number for each check for detailed processing, or for each deposit slip for summary processing	N	
5	Record group ID	A	Record Group ID identifies multiple lines of customer information or	NUM/4	27	30	Required		Enter record group ID, This is essential to any agency that is applying a payment to an open receivable.	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
			item information for a single payment.								
6	Detail record type	A	Detail record type	CHAR/2	31	32	Required	0A		N	
7	DEPOSIT_ID	D	Deposit slip number or bank reference deposit ID for EFT deposits	CHAR/15	33	47	Required		Enter deposit slip number or bank reference deposit ID for EFT deposits	N	
8	DST_SEQ_NUM	C	Distribution sequence number	NUM/3	48	50	Required		Sequentially assigned number for each unique payment sequence	N	
9	ACCOUNT	E	Account (Object/GL Code)	CHAR/10	51	60	Required	GL_ACCOUNT_TBL and AR Node of FL_ACCOUNT_TREE.	Must be a valid Account within the SHARE SETID.	N	Display length is 8. Real field length is 10.
10	ALTACCT	G	Alternate Account (Object/GL Code)	CHAR/10	61	70	Required	ALTACCOUNT_TBL	Must be a valid Alternate Account within the Agency SETID, and must be valid for use with the specified Account value.	N	The display length is 8. The real field length is 10.
11	DEPTID	G	Organization (ORG/IBI).	CHAR/10	71	80	Optional	FL_ORG_BUGL_VW	Must be a valid Dept ID within the Agency SETID.	N	The display length is 7. The real field length is 10

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
12	OPERATING_UNIT	G	Budget Entity (BE)	CHAR/8	81	88	Required	OPERUNT_BUGL_VW	Must be a valid value within the Agency SETID	N	
13	PRODUCT	E	Category	CHAR/6	89	94	Required	PRODUCT_BUGL_VW and AR Node of FL_CAT_TREE	Must be valid value within the SHARE SETID. Value must also be available in the AR Node of FL_CAT_TREE	N	
14	FUND_CODE	G	Fund/CC (State Fund/Fund ID)	CHAR/7	95	101	Required	FUNDBUGL_VW	Must be a valid Fund Code within the Agency SETID	N	
15	CLASS_FLD	G	Location	CHAR/10	102	111	Optional	CLASSCF_BUGL_VW	If provide, must be a valid Class Code within the Agency SETID	N	Display length for this field is 5. Real field length is 10.
16	PROGRAM_CODE	E	Appropriation year	CHAR/4	112	115	Required	PROGRAM_BUGL_VW	Must be a valid value within the SHARE SETID.	N	
17	BUDGET_REF	G	Activity Issue	CHAR/8	116	123	Required	BUDREF_BUGL_VW	Fill with space if not provide a value. If provide, must be valid value within the Agency SETID	N	Display length for this field is 7. Real field length is 8.
18	FILLER (AFFILIATE)	B	FILLER	CHAR/5	124	128	N/A		Fill this field with blanks.	N	
19	FILLER (AFFILIATE_INTRA1)	B	FILLER	CHAR/10	129	138	N/A		Fill this field with blanks.	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
20	FILLER (AFFILIATE_INTRA2)	B	FILLER	CHAR/10	139	148	N/A			N	
21	CHARTFIELD1	G	User Chartfield 1: The field use and values will be left to the discretion of each agency.	CHAR/10	149	158	Optional	CF1_BUGL_VW	Fill with spaces or Values must be valid for the Agency SetID.	N	This field can contain value of OCA,AU,PID
22	CHARTFIELD2	G	User Chartfield 2: The field use and values will be left to the discretion of each agency.	CHAR/10	159	168	Optional	CF2_BUGL_VW	Fill with spaces or Values must be valid for the Agency SetID.	N	This field can contain value of OCA,AU,PID
23	CHARTFIELD3	G	Program Component	CHAR/10	169	178	Required	CF3_BUGL_VW	Fill with spaces or must be a valid value within SHARE SETID.	N	
24	PROJECT_ID	E	Project (Project/Grant). The purpose of this field is to identify all project and grant related transactions	CHAR/15	179	193	Required for all projects and grants	PROJID_BUGL_VW	Required for all projects and grants. Fill with blanks if entry not associated with projects or grants. Values must be valid for SHARE SetID.	N	
25	COMPLETE	A	Complete: indicates if entries are ready	CHAR /1	194	194	Required	Y or N	Y = The entry is complete and the records can be processed	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
			to post						N = Additional review is required before the entries are posted		
26	AMOUNT	D	Amount related to the accounting line	NUM/14 (SIGN/11V2)	195	208	Required			N	
27	BUSINESS_UNIT_GL	E	The value of the general ledger business unit to which you post this accounting entry.	CHAR/5	209	213	Required	BUS_UNIT_TBL_GL	Must be valid Business Unit within the SetID.	N	

Payment Detail 0B Reference Fld – Optional (Target Table: FL_PAYMISDST_EC)

The Comment record is for recording reference information for the payment. There may only be one comment record for each Payment Detail 02 record. The sequence number used on this record in the file must correlate to a Payment Detail 2 record sequence number. The fields are not edited, and may be used in any way by the user.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	Record type	A	Record Type	CHAR/1	1	1	Required		3	N	
2	LOCKBOX_ID	B	BAI standard field	CHAR/15	2	16	Required		Assign Agency Business Unit	N	
3	LOCKBOX_BATCH_ID	C	Unique Identifier for each deposit	CHAR/5	17	21	Required		Set equal to 'LOCKBOX_BATCH_ID' value on Batch Record	N	
4	Sequence number	A	Unique identifier for each payment	NUM/5	22	26	Required		Sequentially Assigned Number for each check for detailed processing, or for each deposit slip for summary processing	N	
5	Record group ID	A	Record Group ID identifies multiple lines of customer information or item information for a single payment.	NUM/4	27	30	Required		Enter record group ID, This is essential to any agency that is applying a payment to an open receivable.	N	
6	Detail record type	A	Detail record	CHAR/2	31	32	Required	0B		N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
			type								
7	DEPOSIT_ID	D	Deposit slip number or bank reference deposit ID for EFT deposits	CHAR/15	33	47	Required		Enter deposit slip number or bank reference deposit ID for EFT deposits	N	
8	CUSTOMER	D	Payee name	CHAR/15	48	62	Optional		Available for agency use	Y	
9	REMITTER	D	Remitter name	CHAR/15	63	77	Optional		Available for agency use	Y	
10	VOUCHER_REF	D	Voucher Number	CHAR/15	78	92	Optional		Available for agency use	Y	
11	PAYMENT_COMMENT	D	comment	CHAR/70	93	162	Optional		Available for agency use	Y	

Trailer Record

The Trailer record contains an end of file marker which is used to establish the end of the file and the file is complete and can be moved to the ASPIRE inbound directory from the ASPIRE FTP server..

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Available for Agency Use Y/N	Additional Information
1	End of File Marker	A	Same	CHAR/13	1	13	Required	See Processing Rules	<End of File>	N	

Miscellaneous Processing Notes

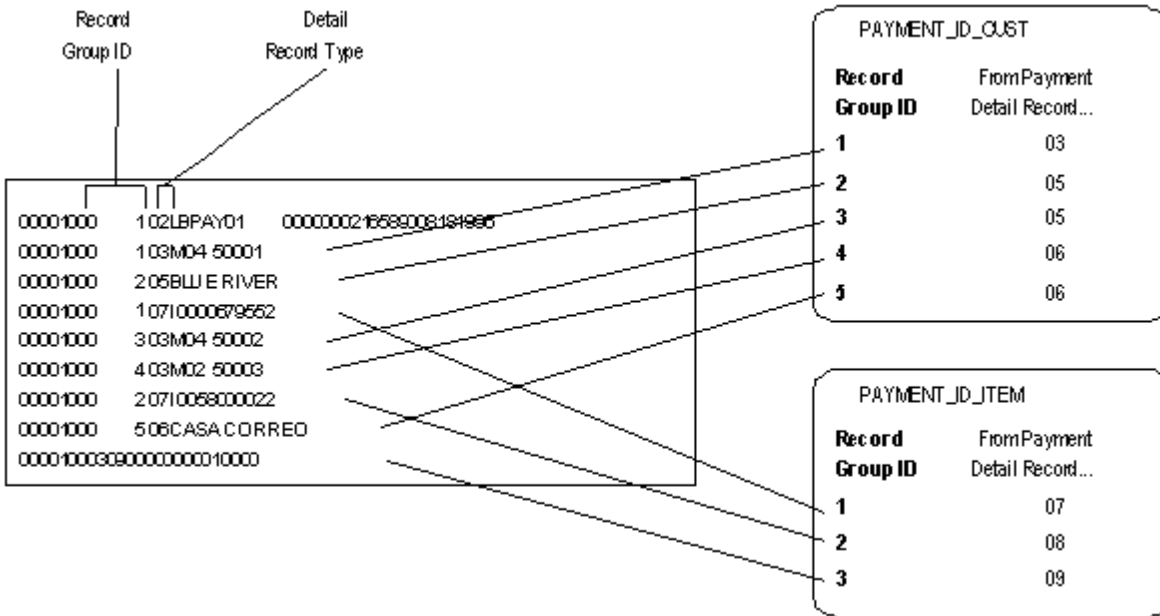
The Deposit Interface input file structure consists of 14 types of records. The relationship between the records is hierarchal. There is one header record and one service record, there may be multiple lockbox records that roll up to the header record, there may be multiple batch records for each lockbox record, and there may be multiple payment, accounting, and comment records for each batch. The series of payment detail records 02-09, the accounting record and the comment record as a group represent one payment. The uniqueness of each payment is established by using the same sequential payment Sequence Number on each payment record type, accounting record, and comment record:

- Header Record (Required).
- Service Record (Required).
- Lockbox Record (Required). Each file must contain one lockbox record. If an agency is processing deposits for other agencies, there must be a lockbox record for each agency.
- Batch Record (Required). The batch record is the deposit record. It identifies the deposit slip number.
- Payment Record 02 (Required). Payment Record 2 identifies the payment information. There may be more than one payment record in a batch.
- Payment Record 03-09. Payment Records 3-9 are optional and are used to identify the customer and the invoice the payment is to be applied.
- Accounting Record. The accounting record is optional, but if used, it must be related to a payment record. There may be more than one accounting record for each payment record. A sequential distribution line number must be used to avoid error.

Comment Record. The Comment record is optional, but if used it must be related to a payment record. There may only be one comment record for each payment record.

A record group ID is part of the lockbox record layout. It identifies multiple lines of customer information or item information for a single payment. The governing principle in assigning record group IDs is the number of rows that will be inserted into PAYMENT_ID_ITEM and into PAYMENT_ID_CUST, the two records that store item and customer information for payments.

For example, multiple lines of detail records 03, 04, 05, and 06 (the customer payment records) are assigned sequential numbers, beginning with 1, within a single payment. The same assignment occurs for multiple lines for detail records 07, 08, and 09 (the item payment records). So you might have a single payment with record group IDs 1, 2, 3, 4 of customer information (for detail records 03, 04, 05, and 06); for the same payment you might also have record group IDs 1, 2, 3, and 4 of item information (for detail records 07, 08, and 09).



Record Group IDs Assigned To Customer and Item Rows in a Sample Lockbox File

Errors

Error No.	Error Conditions	Code Execution
		***Error messages generated by delivered Application Engine programs(FL_AR_PYLD) will be message logs
	For SQR program, FLEXARLB	While the SQR, FLEXARLB, is reading the input file, a number of fields are validated. Errors are captured in the interface load report created for this program.
1	Bank Transmission ID Number is blank	Message "Error : Bank Transmission ID Number should have a value"
2	Lockbox ID is blank	Message "Error : Lock Box ID should have a value"
3	Lockbox Batch ID in Batch Record is blank	Message "Error : Lock Box batch ID should have a value"
4	Deposit ID is blank	Message "Error : Deposit ID should have a value"
5	Payment ID is blank	Message "Error : Payment ID should have a value"
6	Payment Sequence Number is blank	Message "Error : Payment Sequence Number should have a value"
7	Duplicate Deposit ID within a batch	Message "Error : Each Batch ID can have only one Deposit ID"
	For the Custom Program FL_AR_PYLD2:	In Application Engine (FL_AR_PYLD2), while creating distribution lines using the Component Interface logic

Error No.	Error Conditions	Code Execution
		(FL_NONCUST_PAYMENTS_CI), errors are captured in an interface load report
1	Get CI() fails	Error written to load report
2	Save CI() fails	Error written to load report
3	If no rows exist for the specified keys	Error written to load report
4	Edit Deposit in Transit Account fails	Message "Deposit in Transit ChartFields are not defined for the 'X' Account at 'Y' Bank" written to load report
5	Edit Cash Account fails	Message "Cash ChartFields are not defined for the 'X' Account at 'Y' Bank" written to load report
6	Edit Payment Amount fails	Message "This direct journal payment does not have an amount. Unable to create accounting entries" written to load report
7	Check for Appl Journal Template fails	Message "This business unit does not have an application journal template for directly journaled payments. Unable to create distribution for this miscellaneous payment." written to load report
8	If revenue lines do not exist	Message "You can not create cash lines until you enter revenue lines" written to load report
9	If Revenue does not match payment amount	Message "Revenue lines do not match the payment amount." written to load report
10	If Cash Lines are already created	Message "You have already created Cash lines for this journal. To recreate the lines, delete the cash lines then recreate them" written to load report

Interface Load Report(s)

Example for FLEXARLB

Input file loaded successfully with no invalid detail payment accounting records.

```

Florida Department of Financial Services - Aspire
Job: FLARLBOX
Process: FLEXARLB
Started: 2006-07-19/19:20:42
Process Instance: 48248
File Name: /apps/psoft/inbound/FDEVA.I0170XXX.43000.NA00.0601063.dat
Run Control Parameter(s):
Oprid: POLURUR
Run Cntl Id: TEST_170
+++++
```

```

Actual Transmission id is :4300007162006052420
Transmission Id Assigned is :4300020060716055911
Transmission Date :16-JUL-2006
Transmission Time:055911
Actual Lockbox id is :43000
Lockbix id assigned with :43000
Deposit Business Unit :43000
***** PAYMENT DETAILS *****
DEPOSIT_ID: R06961          PAYMENT_AMOUNT:          2625.00

Total Payment Amount is:                               2625.00
```

```

Payment Detail Accounting Rows Summary
-----
Total Rows Processed Successfully: 1
      Invalid Rows: 0
      Invalid Rows with missing required fields: 0

Ended: 2006-07-19/19:20:43
```

Input file loaded successfully with one invalid detail payment accounting records.

```

Florida Department of Financial Services - Aspire
Job: FLARLBOX
Process: FLEXARLB
Started: 2006-07-19/19:15:35
Process Instance: 48242
File Name: /apps/psoft/inbound/FDEVA.I0170XXX.43000.NA00.0601063.dat
Run Control Parameter(s):
Oprid: POLURUR
Run Cntl Id: TEST_170
+++++
```

```

One or more chart fields are invalid...error found in ACCOUNT
343000      009010000100000AR06963      0016110001      6110000      100000
4300001 000100005      19881000001
1601010100      N00000000026250043000

```

```

Actual Transmission id is :4300007162006052420
Transmission Id Assigned is :4300020060716055812
Transmission Date :16-JUL-2006
Transmission Time:055811
Actual Lockbox id is :43000
Lockbox id assigned with :43000
Deposit Business Unit :43000
***** PAYMENT DETAILS *****
DEPOSIT_ID: R06960      PAYMENT_AMOUNT:      2625.00

```

```

Total Payment Amount is:      2625.00

```

Payment Detail Accounting Rows Summary

```

-----
Total Rows Processed Successfully: 0
      Invalid Rows: 1
      Invalid Rows with missing required fields: 0

```

Ended: 2006-07-19/19:15:35

Example for FL_AR_PYLD2

Row not exist in staging table

```

Begin
(91,50) - No rows exist for the specified keys. {FL_NONCUST_PAYMENTS_CI}
(91,50)
End

```

Revision History

Revision Schedule			
Number	Date	Designer	Comments
1	5/01/2006	Raj Poluru	Original Presentment
2	6/12/2006	Raj Poluru	<p>1) Added the code and updated the IOG with following for record type 0A - Payment Detail Accounting.</p> <p>-New layout in line with new COA field length.</p> <p>-Logic to check all mandatory fields exists on the file.</p> <p>-Logic to validate all chart field values against its prompt tables.</p> <p>-Logic to check Account and Category (Product) chart field values against respective Trees.</p> <p>2) Logic to create load summary report per new standards.</p> <p>3) Added new Load Report Sample to the document.</p>
3	7/18/2006	Raj Poluru	1) Updated the IOG with new Load report examples.