

## 2.0 Appendix A – Project Aspire Conversion/Interface Functional Design

<b>ADML ID</b>	<b>155</b>
<b>ADML Description</b>	<b>Grants Master File – Outbound Interface</b>
<b>ADML Tech #</b>	<b>183</b>

### 2.1 Description Functionality

Historically, Florida state agencies utilized customized standalone software to manage sponsored grants and projects. The current initiative involves the installation and implementation of a new procurement, general ledger, and grants suite of software. It is anticipated that some agencies will continue to utilize the existing “customized standalone” software to manage sponsored grants.

However, due to reporting and compliance issues, it is required that agencies maintain award level information in the Aspire system. Further updates to awards may be performed in the Aspire system making it imperative to keep the two systems (Aspire and external agency system) synchronized.

The Grants Master outbound interface functionality is envisioned to provide award specific data from the Aspire system for agencies to use as necessary in their business systems.

The outbound interface data will be provided in the form of a flat file. One flat file will be created for each agency. The process of dissemination of the flat files will be managed by the infrastructure team.

The award data in the flat file will contain Aspire values only. Agencies will be responsible for mapping the Aspire data values to their respective agency systems.

## 2.2 Scheduling

The outbound interface will be scheduled to run either nightly, weekly, or monthly depending on each agency requirement. Individual flat files containing award data specific to each agency will be generated and made available to the agencies.

It is expected that ad-hoc execution of the outbound process may be requested by an agency. In that case, only one outbound flat file containing award data specific to the requesting agency will be created.

## 2.3 Run Control Parameters

N/A

## 2.4 Unit Test Considerations

After the outbound interface has run, check the fields that have been written to the output file. The field values should match the values stored in the database.

## 2.5 Miscellaneous

N/A

## 2.6 Assumptions

- Aspire will only provide one record layout for the agencies. Agencies will be responsible for updating their business systems in order to use the information contained in the common layout.
- The outgoing data will contain Aspire values. Agencies will be responsible for mapping the Aspire values to their respective agency business system values.
- The following Award functionality will not be supported by the outbound grants interface:
  - Certifications
  - Award Terms

- Award Milestones
- Award Components
- Award Attributes
- Award Milestone
- Award Keywords
- Award Notes (Additional Information)

2.7 Record Layout

Sourcesys.table.field	Field Format / Length	Conversion/Interface Requirements			Comments	Targetsys.table.field	Field Format / Length
		Selection Criteria	Processing Rules				
RECORD-ID	CHAR/3	Required	Value = 'CNT'				
GM_AWARD.BUSINESS_UNIT	CHAR/5	Required		Award Business Unit			
GM_AWARD.CONTRACT_NUM	CHAR/25	Required		The contract number associated with the bill or bill line. The CONTRACT_NUM field will be auto-populated in Aspire. First 3 letters of Agency acronym + sequential number; start with 1; fill with Spaces; length is 15.			
CA_DETAIL.CONTRACT_LINE_NUM	CHAR/3	Required		Contract line number			
GM_AWARD.REF_AWD_NUMBER	CHAR/20	Required		The reference number associated with the particular Grant award.			
GM_PERSONAL1_VW.NAME	CHAR/40	Required		Grant administrator. Unique identification code for an individual associated with your organization.			
GM_AWARD.TITLE56	CHAR/56	Required		This is the title of the award.			

Sourcesys.table.field	Field Format / Length	Conversion/Interface Requirements			Comments	Targetsys.table.field	Field Format / Length
		Selection Criteria	Processing Rules				
GM_AWARD.DESCR254	CHAR/254	Required			The long description of the Grant.		
CA_CONTR_HDR.SOLD_TO_CUST_ID	CHAR/15	Required	The value the Agency uses to identify their Grantors up to 15 char.		The Grantor (Sponsor) who funded the Grant.		
PS_CUSTOMER.NAME1	CHAR/40	Required			Grantor name		
CA_CONTR_HDR.GM_METHOD_PAYMENT	CHAR/3	Required	CST = Cost Reimbursable LOC = Letter of Credit		The current billing method.		
CA_CONTR_HDR.BILL_TO_CUST_ID	CHAR/15	Required	The value the Agency uses to identify their Grantors up to 15 char.		The Grantor (Sponsor) who funded the Grant.		
GM_AWD_FUND_PD.FUNDED_AMT	SIGN/12.2	Required	Sum Funded Amount by CONTRACT_NUMBER, BUSINESS_UNIT, PROJECT_ID, and BUDGET_PERIOD_GM		The Funded Amount., This represents the externally funded portion of the grant.		
CA_CONTR_HDR.LOC_REFERENCE_ID	CHAR/10	Required			This is the letter of credit against which the draws will be done.		

Sourcesys.table.field	Field Format / Length	Conversion/Interface Requirements			Comments	Targetsys.table.field	Field Format / Length
		Selection Criteria	Processing Rules				
CA_DETAIL.LOC_DOC_ID	CHAR/15	Required			This is the Letter of Credit document id against which the draws will be done		
GM_AWARD.CFDA	CHAR/10	Required	Grants Enterprise Spreadsheet - ENT-CFDA (D)		The federal sponsor assigns this number to each funding opportunity. It is typically identified in program announcements and award notices. It is generally applicable only to federal awards and federal flow-through, and is required by OMB Circular A-133 on the Schedule of Expenditures of Federal awards.		
GM_AWARD.BEGIN_DT	Date/10	Required			The beginning date of the Grant.		
GM_AWARD.END_DT	Date/10	Required			The ending date of the Grant.		
GM_AWARD.AWARD_STATUS	CHAR/3	Required	ACP = ACCEPTED, CLS = CLOSED, HOL = HOLDING, NEG = UNDER NEGOTIATION, PEN = PENDING, PRE = PRE-AWARD, REF = REFUSED, TER =		The current status of the award.		

Sourcesys.table.field	Field Format / Length	Conversion/Interface Requirements		Comments	Targetsys.table.field	Field Format / Length
		Selection Criteria	Processing Rules			
			TERMINATED, TRA = TRANSFER, WTH = WITHDRAWN.			
GM_AWARD.AWARD_TYPE	CHAR/3	Required		The type of award.		
GM_AWARD.PURPOSE	CHAR/5	Required		The Award's purpose.		
CA_CONTR_HDR.CA_STATUS	CHAR/24	Required	ACTIVE = ACTIVE CONTRACT, CANCELLED = CANCELLED, CLOSED = COMPLETE, LETTER OF INTENT = LETTER OF INTENT SIGNED, PENDING = CONTRACT IS PENDING.	The current status of the contract.		
CA_CONTR_HDR.LASTUPDDTTM	DTIME/26	Required		Date/Time of last update		
CA_CONTR_HDR.LASTUPDOPRID	CHAR/30	Required		Operator who last updated the award.		

Sourcesys.table.field	Field Format / Length	Conversion/Interface Requirements			Comments	Targetsys.table.field	Field Format / Length
		Selection Criteria	Processing Rules				
<b>RECORD-ID</b>	CHAR/3	Required	Value = 'PRJ'				
GM_AWARD.BUSINESS_UNIT	CHAR/5	Required		Award Business Unit			
GM_AWARD.CONTRACT_NUM	CHAR/25	Required		The contract number associated with the bill or bill line. The CONTRACT_NUM field will be auto-populated in Aspire. First 3 letters of Agency acronym + sequential number; start with 1; fill with Spaces; length is 15.			
CA_DETAIL.CONTRACT_LINE_NUM	CHAR/3	Required		Contract line number			
PROJECT.PROJECT_ID	CHAR/15	Required		First 4 of BU + sequential number; start with 1; fill with zeros; length is 15			
PROJECT_STATUS.PROJECT_STATUS	CHAR/1	Required		The status of the Project.			
PROJECT.DESCR	CHAR/30	Required		The Project description.			
PROJECT_DESCR.DESCR254	CHAR/254			The long description of the Project.			
PROJECT.START_DT	Date/10	Required		Use the StartDate/EndDate field to select by date the invoices to be included in a process. The starting and ending dates are inclusive.			

Sourcesys.table.field	Field Format / Length	Conversion/Interface Requirements			Targetsys.table.field	Field Format / Length
		Selection Criteria	Processing Rules	Comments		
PROJECT.END_DT	Date/10	Required		Use the StartDate/EndDate field to select by date the invoices to be included in a process. The starting and ending dates are inclusive.		
<b>RECORD-ID</b>	CHAR/3	Required	Value = 'ACT'			
GM_AWARD.BUSINESS_UNIT	CHAR/5	Required		Award Business Unit		
GM_AWARD.CONTRACT_NUM	CHAR/25	Required		The contract number associated with the bill or bill line. The CONTRACT_NUM field will be auto-populated in Aspire. First 3 letters of Agency acronym + sequential number; start with 1; fill with Spaces; length is 15.		
CA_DETAIL.CONTRACT_LINE_NUM	CHAR/3	Required		Contract line number		
PROJ_ACTIVITY.PROJECT_ID	CHAR/15	Required		First 4 of BU + sequential number; start with 1; fill with zeros; length is 15		
PROJ_ACTIVITY.ACTIVITY_ID	CHAR/15	Required	Use valid value from Standard Activity table (FS_ACTIVITY_TBL).	The funding source.		
PROJ_ACTIVITY.DESCR	CHAR/30	Required		The Activity's description		

Sourcesys.table.field	Field Format / Length	Conversion/Interface Requirements			Comments	Targetsys.table.field	Field Format / Length
		Selection Criteria	Processing Rules				
GM_PRJ_ACT_FA.FA_RATE_TYPE	CHAR/5	Required	Grants Agency Spreadsheet dtd 4Mar05 - F&A Rate Type	Indirect Cost rate type			
GM_PRJ_ACT_FA.FA_BASE_ID	CHAR/5	Required	MTDC - Modified Total Direct Cost SW - Salaries and Wages SWF - Salaries, Wages and Fringe SW_PS - Salary and Wages, Payments to Sub-Recipients TDC - Total Direct Cost	Indirect Cost base			
GM_PRJ_ACT_FA3.RATE_EFFDT	DATE/10	Required	Grants Agency Spreadsheet dtd 4Mar05 - Fac Admin Rate - INST	Effective date for the Indirect Cost Rate			
GM_PRJ_ACT_FA3.FA_FUNDED_RATE_PCT	NBR/3.2	Required	Grants Agency Spreadsheet dtd 4Mar05 - Fac Admin Rate - INST	The current negotiated Indirect Cost Rate			