

ADML 0154 - Interface Operations Guide (IOG)



State of Florida Project Aspire

Interface Operations Guide (IOG) – ADML 0154: Agency Grants Master File - Inbound

Version 2

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/

Agency Grants Master File - Inbound

Interface ADML Number	ADML 0154
Inbound/Outbound	Inbound
Interface Title	Agency Grants Master File - Inbound
Interface Description	This interface uploads award-specific data from state agency systems into the Aspire system.
Version	Version 2
Aspire Point of Contact	Aspire_Inbox@dfs.state.fl.us
Appropriate Usage	This is to be used by agencies with projects and grants business systems to upload information to Aspire.
Source System/ Organization	Agency Business Systems/Agencies
Destination System/ Organization	Aspire/DFS
Business Process Area	Contracts/Grants/Projects
Frequency	Daily, weekly, monthly, or ad hoc depending on agency's requirement.
Run Schedule	(TBD)
File Name(s)	<Instance>.I0154XXX.<GLBU>.<DEPTID>.<YYMMDDHHmmss>
Interface Load Report(s)	<Instance>_I0154XXX_<GLBU>_<DEPTID>_<YYMMDDHHmmss>_log.txt
Report Manager Folder	Grants Master File
Navigation Path	Grants >> Third Party Integrations >> Grants Inbound From Agency
Other Reference Documents	http://aspire.dfs.state.fl.us/Technical_Corner/docs/Agency_Interface_Processing_Standards_Load_Error.pdf

ADML 0154 Field Standards
Alphanumeric (CHAR), Numeric (NUM, SIGN), and Date

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
NUM/n.2	Right Justified	Space filled on left	20.00 for 20%
SIGN/n.2 Explicit Decimal	Right Justified Sign (+,- or space) in position 1	Zero Filled on left after sign.	-000000000100.50 for -100.50
DATE/10	N/A	N/A	Format: YYYY-MM-DD 2006-07-26

Record Layout

PROPOSAL-DATA Record - Required (Target Table: PS_GM_PROPOSAL)

This is the parent record containing main information for each Grant proposal.

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Avail for Agency Use Y/N	Additional Information
1	RECORD-ID	A		CHAR/3	1	3	Required	Always PRP	Set to 'PRP'	N	PRP =PROPOSAL
2	BUSINESS_UNIT	G	Current OLO.	CHAR/5	4	8	Required (Key)	Valid values stored in SP_BU_CA_CLS VW	Enter a valid business unit.	N	
3	PROPOSAL_ID	D	First 3 char Agency Acronym + sequential number; start with 1; fill with zeros; length is 15	CHAR/25	9	33	Required (Key)		The proposal ID is a sequential number prefixed by the agency 3-letter acronym. For example, the Department of Financial Services would begin their proposal IDs with 'DFS0000000000001'	N	
4	EMPLID	D	Grant administrator. Unique identification code for an individual associated with	CHAR/11	34	44	Required	Valid values stored in GM_ELIG_PL_VW	Enter a valid Grant Administrator Id.	N	The employee must appear on both the PERSONAL_DATA and the GM_PERS_DATA tables

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Avail for Agency Use Y/N	Additional Information
			your organization.								(maintained by interface with People First). The Eligible PI flag must be set on the GM_PERS_DATA table for the employee name to appear on the GM_PROPOSAL page.
5	CUST_ID	G	The entity that funds the Grant. Grantor/Sponsor	CHAR/15	45	59	Required	Valid values stored in CUSTOMER table	Enter value the Agency uses to identify their Grantors up to 15 char. Must be valid CUST_ID within the agency's SETID.	N	The Grantor (Sponsor) must be valid in Aspire prior to the interface being loaded. The Grantor (Sponsor) will be validated against the CUSTOMER table.
6	BEGIN_DT	D	The beginning date of the Grant.	DATE/10	60	69	Required			N	
7	END_DT	D	The ending date of the Grant.	DATE/10	70	79	Required			N	
8	TITLE56	D	This is the short title of the award	CHAR/56	80	135	Required		Enter a short title of the award	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Avail for Agency Use Y/N	Additional Information
9	DESCR254	D	Long description of grant	CHAR/254	136	389	Optional		Fill with spaces if not provide a value	N	
10	FILLER (TOTAL_BUDGET_AMT)	A	FILLER	SIGN/13.2	390	406	N/A		Fill with zeros. 000000000000.00	N	
11	PURPOSE	G	Grants Purpose	CHAR/5	407	411	Required	Valid values stored in GM_PURPOSE record	Must be a valid value within the Agency SETID.	N	
12	DESCR20A	D	Award number issued by grantor	CHAR/20	412	431	Required		Enter award number issued by the grantor	N	Description field will be used later as a REF_AWARD_NUMBER in GM_AWARD table
13	CFDA	G	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	CHAR/10	432	441	This is required for all project types that require a CFDA	Grants Enterprise Spreadsheet - ENT-CFDA (D). Valid values are stored in	If required, enter a valid CFDA number. Must be valid within the Agency's SETID. Otherwise, fill with spaces.	N	If provided, this number will be validated against valid CFDA numbers (FL_CFDA_TABLE). If the PROJECT_TYPE requires a CFDA value (CFDA required flag = 'Y' on the PROJ_TYPE_T

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Avail for Agency Use Y/N	Additional Information
			to federal awards and federal flow-through, and is required by OMB Circular A-133 on the Schedule of Expenditures of Federal awards.					FL_CFD A_TBL table.			BL record), then this field must be populated with a valid value. If it is not populated, all records related to this PROPOSAL_ID must be rejected.
14	FL_FILLER_50	A	Field for future use	CHAR/50	442	491	Required		Filled with spaces	N	

PROJECT-DATA Record - Required (Target Table: PS_GM_PROP_PROJ)

Multiple project rows could exist for each award (At least one is required for each PROPOSAL_DATA record).

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Avail for Agency Use Y/N	Additional Information
1	RECORD-ID	A		CHAR/3	1	3	Required	Always PRJ	Set to 'PRJ'	N	PRJ = PROJECT
2	BUSINESS_UNIT	G	Current OLO.	CHAR/5	4	8	Required (Key)	Valid values stored in SP_BU_CA_CL SVW	Set to BUSINESS_UNIT in PROPOSAL-DATA record	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Avail for Agency Use Y/N	Additional Information
3	PROPOSAL_ID	D	First 3 char Agency Acronym + sequential number; start with 1; fill with zeros; length is 15	CHAR/25	9	33	Required (Key)		Set to PROPOSAL_ID in PROPOSAL-DATA record	N	
4	SUB_PROP_NBR	D	Project ID First 4 of BU + 11 Characters from agency created Project Id; length is 15	CHAR/15	34	48	Required (Key)		Provide an 11 character agency created Project Id. Aspire will automatically prefix this field with the first 4 characters of the Business Unit to derive the 15 character 'SUB-PROP-NBR' field.	N	
5	TITLE56	D	This is the short title of the project	CHAR/56	49	104	Required		Enter a short title of the project	N	
6	INSTID	G	The Agency Business Unit which is the current OLO.	CHAR/5	105	109	Required	Valid values stored in GM_INSTITUTION	Must be a valid Institution ID within the Agency SETID.	N	All institution IDs must be set up prior to running the interface. Institution ID attribute will not exist in the agency systems. A dummy value can be setup

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Avail for Agency Use Y/N	Additional Information
											and the conversion/interface can populate the dummy value into the proposal
7	DEPTID	G	The organization responsible for the Grant.	CHAR/10	110	119	Required	Valid value stored in FL_GMORG_TBL_VW record	Must be a valid DEPTID within the Agency SETID	N	
8	MAJOR_SUBDIVISION	G	A subdivision within an organization.	CHAR/10	120	129	Required	Valid value stored in FL_GMORG_TBL_VW record	Populate with the same value as DEPTID.	N	
9	DESCR254	D	Proposal Project Description	CHAR/254	130	383	Optional		Fill with spaces if not provide a value	N	
10	PROJECT_MANAGER	G	Employee ID of Project Manager	CHAR/11	384	394	Required	Valid value stored in PROJ_MGR_VW	Must be a valid Project Manager Id.	N	
11	PROJECT_TYPE	G	Identifies the type of project.	CHAR/5	395	400	Required	Valid values stored in PROJ_TYPE_TBL	Must be a valid Project Type within the Agency SETID	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Avail for Agency Use Y/N	Additional Information
12	FL_FILLER_50	A	Field for future use	CHAR/50	401	450	Required		Filled with spaces	N	

LOCATION-DATA - Required (Target Table: PS_GM_PROP_J_LOC)

One PROJECT-DATA record can have one or more LOCATION-DATA record (For this interface, one LOCATION-DATA record per PROJECT-DATA record in most cases)

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Avail for Agency Use Y/N	Additional Information
1	RECORD-ID	A		CHAR/3	1	3	Required	'LOC'	Set to 'LOC'	N	LOC = LOCATION
2	BUSINESS_UNIT	G	Current OLO.	CHAR/5	4	8	Required (Key)		Set BUSINESS_UNIT in PROPOSAL-DATA record	N	
3	PROPOSAL_ID	D	First 3 char Agency Acronym + sequential number; start with 1; fill with zeros; length is 15	CHAR/25	9	33	Required (Key)		Set to PROPOSAL_ID in PROPOSAL-DATA record	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Avail for Agency Use Y/N	Additional Information
4	SUB_PROP_NBR	D	Project ID First 4 of BU + sequential number; start with 1; fill with zeros; length is 15	CHAR/15	34	48	Required (Key)		Set to SUB_PROP_NBR in PROJECT-DATA record it is associated with	N	
5	LOCATION	D	Proposal Project Location	CHAR/10	49	59	Required (Key)		Enter proposal project location	N	
6	FL_FILLER_50	A	Field for future use	CHAR/50	60	109	Required		Filled with spaces	N	

HEADER-DATA - Required (Target Table: PS_GM_BUD_HDR)

Multiple activities could be tied to each project (At least one HEADER-DATA record is required for each PROJECT-DATA record).

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Avail for Agency Use Y/N	Additional Information
6	RECORD-ID	A		CHAR/3	1	3	Required	'HDR'	Set to 'HDR'	N	HDR=HEADER
7	BUSINESS_UNIT	G	Current OLO.	CHAR/5	4	8	Required (Key)		Set to BUSINESS_UNIT in PROJECT-DATA record it is associated with	N	
8	PROPOSAL_ID	D	First 3 char Agency Acronym +	CHAR/25	9	33	Required (Key)		Set to PROPOSAL_ID in PROJECT-DATA	N	

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Avail for Agency Use Y/N	Additional Information
			sequential number; start with 1; fill with zeros; length is 15						record it is associated with		
9	SUB_PROP_NBR	D	Project ID - First 4 positions of BU + 11 char Agency value.	CHAR/15	34	48	Required (Key)		Set to SUB_PROP_NBR in PROJECT-DATA record it is associated with.	N	
10	BUDGET_ID	G	Activity ID; this is equal to the funding source.	CHAR/15	49	63	Required (Key)	Valid values stored in FS_ACTIVITY_TBL.	Enter valid Activity ID. Must be valid within the agency's SETID.	N	Validate against FS-ACTIVITY-TBL.BUDGET_ID
11	FILLER (DESCR)	A	FILLER	CHAR/30	64	93	N/A		Fill with spaces.	N	Aspire will automatically populate this field with DESCR from FS_ACTIVITY_TBL
12	BEGIN_DT	F	The beginning date of the Grant.	DATE/10	94	103	Required		Set to BEGIN_DT in PROPOSAL-DATA record.	N	If left blank system will populate with BEGIN_DT from GM_PROPOSAL record
13	END_DT	F	The ending date of the Grant.	DATE/10	104	113	Required		Set to END_DT in PROPOSAL-DATA record.	N	If left blank system will populate with END_DT from

	Field Name	Field Value Type	Field Description	Format, Type & Length	Start	End	Required/Optional	Valid Values	Processing Rules	Avail for Agency Use Y/N	Additional Information
											GM_PROPOSAL record
14	TARGET_BUDGET_AMT	D	Expected budget amount. For the Federal activity, this should be the amount awarded to you by your grantor.	SIGN/13.2	114	130	Required		Populate with activity budgeted 1 byte for sign (- or blank) + 13 bytes + 1 decimal point + 2 bytes. Explicit 2 decimal places.	N	Please note, only the amount for the Federal activities should be mapped to the FUNDED_AMT on the GM_AWD_FUND_PD record.
15	PPSL_TO_ACTIVITY_FLG	D	Identifies whether expenditures recorded against the Activity ID will be billed to the grantor	CHAR/1	131	131	Required	Y/N	Enter 'Y' if expenditures will be billed to grantor or 'N' if expenditures will not be billed to grantor	N	
16	FL_FILLER_50	A	Field for future use	CHAR/50	132	181	Required		Filled with spaces	N	

GM_BUD-FA-HDR - Required (Target Table: PS_GM_BUD_FA_HDR)

One F & A row corresponding to each activity is required.

	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-ID	A		CHAR/3	1	3	Required	'FAH'	Set to 'FAH'	N	FAH = F & A BY HEADER
2	BUSINESS_UNIT	G	Current OLO.	CHAR/5	4	8	Required (Key)		Set to BUSINESS_UNIT in HEADER-DATA record it is associated with	N	
3	PROPOSAL_ID	D	First 3 char Agency Acronym + sequential number; start with 1; fill with zeros; length is 15	CHAR/25	9	33	Required (Key)		Set to PROPOSAL_ID in HEADER-DATA record it is associated with	N	
4	SUB_PROP_NBR	D	Project ID First 4 of BU + sequential number; start with 1; fill with zeros; length is 15	CHAR/15	34	48	Required (Key)		Set to SUB_PROP_NBR in HEADER-DATA record it is associated with	N	
5	BUDGET_ID	D	Activity ID; this is equal to the funding source.	CHAR/15	49	63	Required (Key)		Set to BUDGET_ID in HEADER-DATA record it is associated with	N	
6	FA_RATE_TYPE	G	Indirect Cost rate	CHAR/5	64	68	Required	Grants	Enter valid FA Rate	N	Validate against

	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 defined by your agency				(Key)	Agency Spreadsheet dated 4Mar05 - F&A Rate Type	Type.		GM_FA_RATE_T YPE.FA_RATE_T YPE
7	FA_BASE_ID	G	Indirect Cost basis type defined by your agency that will be used with the budget.	CHAR/5	69	73	Required	Valid values stored in GM_FA_BASE_D TL	Enter a valid FA_BASE_ID Example: 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	N	The IDC process uses the Sponsor F&A rate to calculate the IDC. The Sponsor rate in Aspire is the same as the Institution (Agency) rate.
8	FL_FILLER_50	A	Field for future use	CHAR/50	74	123	Required		Filled with spaces	N	

GM-BUD-FA-RATE - Required (Target Table: PS_GM_BUD_FA_RATE)

This is the FA rate record for the budgeted amount. One record is required for each GM-BUD-FA-HDR record. Note that most fields are populated using values from its parent record GM-BUD-FA-HDR.

	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-ID	A		CHAR/3	1	3	Required if GM_BUD_FA_HDR is populated	'FAR'	Set to 'FAR'	N	FAR =F & A BY RATE TYPE'
2	BUSINESS_UNIT	G	Current OLO.	CHAR/5	4	8	Required (Key)		Set to BUSINESS_UNIT in GM-BUD-FA-HDR record it is associated with.	N	
3	PROPOSAL_ID	D	First 3 char Agency Acronym + sequential number; start with 1; fill with zeros; length is 15	CHAR/25	9	33	Required (Key)		Set to PROPOSAL_ID in GM-BUD-FA-HDR record it is associated with.	N	
4	SUB_PROP_NBR	D	Project ID First 4 of BU + sequential number; start with 1; fill with zeros; length is 15	CHAR/15	34	48	Required (Key)		Set to SUB_PROP_NBR in GM-BUD-FA-HDR record it is associated with.	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
5	BUDGET_ID	D	Activity ID; this is equal to the funding source.	CHAR/15	49	63	Required (Key)		Set to BUDGET_ID in GM-BUD-FA-HDR record it is associated with.	N	
6	FA_RATE_TYPE	G	Indirect Cost rate type defined by your agency	CHAR/5	64	68	Required (Key)	Grants Agency Spreadsheet dated 4Mar05 - F&A Rate Type	Set to FA_RATE_TYPE in GM-BUD-FA-HDR record it is associated with.	N	
7	RATE_EFFDT	D	The negotiated effective date for this IDC rate.	DATE/10	69	78	Required (Key)	Grants Agency Spreadsheet dated 4Mar05 - Fac Admin Rate - INST	Populate this field with the negotiated effective date for this IDC rate.	N	
8	FA_RATE_PCT	D	The current negotiated IDC rate.	NUM/3.2	79	84	Required	Grants Agency Spreadsheet dated 4Mar05 - Fac Admin Rate - INST		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
9	FL_FILLER_50	A	Field for future use	CHAR/50	85	134	Required		Filled with spaces	N	

BILLING-INFO - Required (Target Table: PS_CA_CONTR_HDR)

Billing information for updates. Please note that these must be updated on the post award side after the conversion/interface program has generated awards and contracts data. This will be maintained at the contract level. These fields need to be updated only after the award has been generated.

	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-ID	A		CHAR/3	1	3	Required	'BIL'	Set to 'BIL'	N	BIL = BILLING
2	CONTRACT_NUMBER	D	Contract Number is same as PROPOSAL_ID	CHAR/25	4	28	Required (Key)		Set to PROPOSAL_ID in PROPOSAL-DATA record	N	
3	BUSINESS_UNIT	G	Current OLO.	CHAR/5	29	33	Required (Key)		Set to BUSINESS_UNIT in PROPOSAL-DATA record	N	
4	GM_METHOD_PAYMENT	D	The current billing method.	CHAR/3	34	36	Required	'CST' or 'LOC'	Enter 'CST' or 'LOC' for updates.	N	CST- Cost Reimbursable

	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
											LOC - Letter of Credit
5	LOC_REFERENC E_ID	D	This is the letter of credit against which the draws will be done.	CHAR/10	37	46	Required if the billing method is 'loc'	Valid values stored in GM_SPN SR_LC2_VW	If required, enter a valid Letter of Credit Reference Id for a sponsor for updates. Otherwise, fill with spaces.	N	
6	LOC_DOC_ID	D	Letter of Credit Document	CHAR/15	47	61	Required if billing method is 'loc'		If required, enter a Letter of Credit Document Id for updates. Otherwise, fill with spaces.	N	
7	FL_FILLER_50	A	Field for future use	CHAR/50	62	111	Required		Filled with spaces	N	

GM-AWARD-UPDATE - Optional (Target Table: PS_GM_AWARD)

This interface supports a limited update capability. Once a grant has been populated into Aspire, the interface may accept some fields for update from the external agency systems. This record contains a list of fields that can be updated using the interface. **Do not send this record if you do not require the update.**

	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-ID	A		CHAR/3	1	3	Required	'UPD'	Set to 'UPD'	N	UPD =Awards Update
2	BUSINESS_UNIT	G	Current OLO.	CHAR/5	4	8	Required	Valid values stored in BUS_UNIT_TBL_CA	Set to BUSINESS_UNIT in PROPOSAL-DATA record.	N	
3	CONTRACT_NUMBER	D	CONTRACT_NUMBER is same as PROPOSAL_ID	CHAR/25	9	33	Required		Set to PROPOSAL_ID in PROPOSAL-DATA record	N	
4	EMPLID	D	Grant administrator. Unique identification code for an individual associated with your organization.	CHAR/11	34	44	Optional	Valid values stored in GM_ELI_G_PI_VW	Fill with spaces if not provide a value for updates.	N	
5	BEGIN_DT	D	The beginning date of the Grant.	DATE/10	45	54	Optional		Fill with spaces if not provide a value for updates.	N	Changes made to these dates will not automatically

	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
											update all pages where these dates are used.
6	END_DT	D	The ending date of the Grant.	DATE/10	55	64	Optional		Fill with spaces if not provide a value for updates.	N	
7	TITLE56	D	This is the short title of the award	CHAR/56	65	120	Optional		Fill with spaces if not provide a value for updates	N	
8	DESCR254	D	Long description of grant	CHAR/254	121	374	Optional		Fill with spaces if not provide a value for updates	N	
9	PURPOSE	G	Grant Purpose	CHAR/5	375	379	Optional	Valid value stored in GM_PURPOSE record	Fill with spaces if not provide a value for updates.	N	If provide, must be a valid value with the agency's SETID.
10	REF_AWD_NUMBER	D	Award number issued by grantor	CHAR/20	380	399	Optional		Fill with spaces if not provide a value for updates	N	
11	CFDA	G	The federal sponsor assigns this number to each funding opportunity. It is typically identified in program announcements	CHAR/10	400	409	Optional	Grants Enterprise Spreadsheet - ENT-CFDA (D) Valid values are stored in	Fill with spaces if not provide a value for updates If provide, must be a valid CFDA number within the Agency SETID	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
			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.					FL_CFD A_TBL table			
12	FL_FILLER_50	A	Field for future use	CHAR/50	410	459	Required		Filled with spaces	N	

End-Of-File Record - Required

	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	A	End of File	CHAR/13	1	13	Required		Set to '<END OF FILE>'	N	

Miscellaneous Processing Notes

- **Navigation Path to view processed data:**
 - Grants → Proposal → Maintain Proposal
 - Grants → Proposal → Enter Overall Budgets
 - Grants → Proposal → Submit a Proposal
 - Grants → Awards → Award Profile

The input file structure for this interface consists of 8 types of Records.

- PROPOSAL-DATA Record (Required): Contains main awarded grant information. One file can contain 1 or more Grants proposal.
- PROJECT-DATA Record (Required): Contains project information related to each award. One Grant can contain more than 1 Projects.
- LOCATION-DATA Record (Required): Contains location information related to each project. One line per Project.
- HEADER-DATA Record (Required): Contains Activity Header information related to each Project. One Project can contain more than 1 Activities.
- GM-BUD-FA-HDR Record (Required): Contains Facilities & Administration header information related to each Activity. One line per Activity in most cases.
- GM-BUD-FA-RATE Record (Required): Contains Facilities & Administration Rate information for each FA Header. One line per F&A Header in most cases.
- BILLING-INFO Record (Required): Contains billing information related to each grant awarded. One line per Grant awarded.
- GM-AWARD-UPDATE Record (Optional): Contains list of fields that can be updated using this interface. One line per Grant award.
- The final Record in the file should be either the BILLING-INFO record or GM-AWARD-UPDATE record.

- **NOTE:** When creating the input file, keep in mind that Records need to be placed in the Parent-Child structure:

PRP 1.....

PRJ 1-1.....

LOC 1-1-1.....

HDR 1-1-1.....

FAH 1-1-1-1.....

FAR 1-1-1-1-1.....

Interface Operations Guide (IOG)

HDR 1-1-2.....
FAH 1-1-2-1.....
FAR 1-1-2-1-1.....
PRJ 1-2.....
LOC 1-2-1.....
HDR 1-2-1.....
FAH 1-2-1-1.....
FAR 1-2-1-1-1.....
BIL 1-1.....
UPD 1-1 (Optional).....

Errors

Error No.	Error Conditions	Code Execution
1	File does not exist	Exit. Create load report and write message.
2	Empty file	Do not process that file. Write message to load report and proceed to open next file (if any).
3	Error on the flat file for any rows	Do not process that row skip and read the next row , write the error with keys related to that row in load report
4	If Data already exists in the Aspire system	Do not process it write to load report and skip the row

Interface Load Report(s):

(TBD)

Revision History

Revision Schedule			
Number	Date	Designer	Comments
1	3/21/2006	Satheesh Kokkiralala	Original Presentment
2	5/1/2006	Satheesh Kokkiralala	Updated Format
3	08/21/2006	Saowanee Greer	Update the IOG per Remediation Information Exchange (RIX) Meeting Standards. a) Added field Standards Table with Data Type, Field Positioning, Field Padding and Example Columns. b) Added Field Value Type and Serial Number Columns to the record layout. c) Added Other Reference Documents row to page 3.