

ADML - 0155 Interface Operations Guide (IOG)



State of Florida Project Aspire

Interface Operations Guide (IOG) – ADML 0155: Grants Master File – Outbound Interface

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 layouts 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/

Grants Master File – Outbound Interface

Interface ADML Number	ADML 0155
Inbound/Outbound	Outbound
Interface Title	Grants Master File – Outbound Interface
Interface Description	This interface produces a flat file containing that agency's Grants data. It is run for a specific agency extracting Grants information stored for the agency's Aspire business unit. Grants information will be extracted from 9 tables: GM_AWARD,CA_CONTR_HDR,CUSTOMER,GM_PERSONAL 1_VW,CA_DETAIL_PROJ,CA_DETAIL,PROJECT, PROJ_ACTIVITY, GM_PRJ_ACT_FA, and GM_PRJ_ACT_FA3.
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 download Grants information from Aspire.
Source System/ Organization	Aspire/DFS
Destination System/ Organization	Agency Business System/Agencies
Business Process Area	Grants
Frequency	Nightly, Weekly, or Monthly, depending on agency's requirement
Run Schedule	(TBD)
File Name(s)	<Instance>.I155XXX.<GLBU>.NA00.<YYMMDDHHmmss> - Outbound file
Interface Load Report(s)	<Instance>_I155XXX_<GLBU>_NA00_<YYMMDDHHmmss>_ Log.txt - Log File
Report Manager Folder	Grants Master File
Navigation Path	Grants → Third Party Integration → Grants Outbound for Agency
Other Reference Documents	http://aspire.dfs.state.fl.us/Technical_Corner/docs/Agency_Interface_Processing_Standards_Load_Error.pdf

ADML 0155 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.2	Right Justified	Space Filled on left	20.00 for 20%
DATE/10	N/A	N/A	Format: YYYY-MM-DD 2006-07-26
DTIME/6	N/A	N/A	Format: DD/MM/YYYY HH:MM:SS 26/07/2006 02:29:14 PM

Record Layout

Outbound File Layout : FL_GM_AWARD

Record Layout for : FL_GM_AWARD; Record Id ='CNT'

	Outbound File Field	Field Value Type	Field Description	Format, Type & Length	Start	End	Processing Rules	Source Table.Field	Field Description
1	RECORD-ID	N/A	Record Identifier	CHAR /3	1	3	Value='CNT'		
2	BUSINESS_UNIT	N/A	Business Unit	CHAR /5	4	8		GM_AWARD.BUSINESS_UNIT	Business Unit
3	CONTRACT_NUM	N/A	Contract	CHAR/25	9	33		GM_AWARD.CONTRACT_NUM	Contract
4	REF_AWD_NUMBER	N/A	Reference Award Number	CHAR/20	34	53		GM_AWARD.REF_AWD_NUMBER	Reference Award Number
5	NAME	N/A	Name1	CHAR/40	54	93		GM_PERSONAL1_VW.NAME	Name1
6	TITLE56	N/A	Short Title	CHAR/56	94	149		GM_AWARD.TITLE56	Short Title
7	SOLD_TO_CUST_ID	N/A	Sold To Customer	CHAR/15	150	164	The value the Agency uses to identify their Grantors up to 15 char.	CA_CONTR_HDR.SOLD_TO_CUST_ID	Sold To Customer
8	NAME1	N/A	Name2	CHAR/40	165	204		PS_CUSTOMER.NAME1	Name2
9	GM_METHOD_PAYMENT	N/A	Method Of Payment	CHAR/3	205	207	CST = Cost Reimbursable LOC = Letter of Credit	CA_CONTR_HDR.GM_METHOD_PAYMENT	Method Of Payment
10	BILL_TO_CUST_ID	N/A	Customer	CHAR/15	208	222	The value the Agency uses to identify their Grantors up to 15 char.	CA_CONTR_HDR.BILL_TO_CUST_ID	Customer

	Outbound File Field	Field Value Type	Field Description	Format, Type & Length	Start	End	Processing Rules	Source Table.Field	Field Description
11	LOC_REFERENCE_ID	N/A	Letter Of Credit ID	CHAR/10	223	232		CA_CONTR_HDR.LOC_REFERENCE_ID	Letter Of Credit ID
12	LOC_DOC_ID	N/A	Letter Of Credit Document	CHAR/15	233	247		CA_DETAIL.LOC_DOC_ID	Letter Of Credit Document
13	CFDA	N/A	CFDA	CHAR/10	248	257	Grants Enterprise Spreadsheet - ENT-CFDA (D)	GM_AWARD.CFDA	CFDA
14	BEGIN_DT	N/A	Begin Date	DATE/10	258	267		GM_AWARD.BEGIN_DT	Begin Date
15	END_DT	N/A	End Date	DATE/10	268	277		GM_AWARD.END_DT	End Date
16	AWARD_STATUS	N/A	Award Status	CHAR/3	278	280	ACP = ACCEPTED, CLS = CLOSED, HOL = HOLDING, NEG = UNDER NEGOTIATION, PEN = PENDING, PRE = PRE-AWARD, REF = REFUSED, TER = TERMINATED, TRA = TRANSFER, WTH = WITHDRAWN.	GM_AWARD.AWARD_STATUS	Award Status
17	AWARD_TYPE	N/A	Award Type	CHAR/3	281	283		GM_AWARD.AWARD_TYPE	Award Type
18	CA_STATUS	N/A	Contract Status	CHAR/24	284	307	ACTIVE = ACTIVE CONTRACT, CANCELLED = CANCELLED, CLOSED =	CA_CONTR_HDR.CA_STATUS	Contract Status

	Outbound File Field	Field Value Type	Field Description	Format, Type & Length	Start	End	Processing Rules	Source Table.Field	Field Description
							COMPLETE, LETTER OF INTENT = LETTER OF INTENT SIGNED, PENDING = CONTRACT IS PENDING.		
19	LASTUPDDTTM	N/A	Last Update Date/Time	DTIME/26	308	333		CA_CONTR_HDR.LASTUPDDTTM	Last Update Date/Time
20	LASTUPDOPRID	N/A	Last Update User ID	CHAR/30	334	363		CA_CONTR_HDR.LASTUPDOPRID	Last Update User ID

Record Layout for: FL_GM_AWARD; Record Id ='PRJ'

	Outbound File Field	Field Value Type	Field Description	Format, Type & Length	Start	End	Processing Rules	Source Table.Field	Field Description
1	RECORD-ID	N/A	Record Identifier	CHAR /3	1	3	Value='PRJ'		
2	BUSINESS_UNIT	N/A	Business Unit	CHAR /5	4	8		GM_AWARD.BUSINESS_UNIT	Business Unit
3	CONTRACT_NUM	N/A	Contract	CHAR/25	9	33		GM_AWARD.CONTRACT_NUM	Contract
4	PROJECT_ID	N/A	Project	CHAR/15	34	48		PROJECT.PROJECT_ID	Project
5	DESCR	N/A	Description	CHAR/30	49	78		PROJECT.DESCR	Description

	Outbound File Field	Field Value Type	Field Description	Format, Type & Length	Start	End	Processing Rules	Source Table.Field	Field Description
6	ACTIVITY_ID	N/A	Activity	CHAR/15	79	93	Use valid value from Standard Activity table (FS_ACTIVITY_TBL).	PROJ_ACTIVITY.ACTIVITY_ID	Activity
7	DESCR	N/A	Descr	CHAR/30	94	123		PROJ_ACTIVITY.DESCR	Descr
8	START_DT	N/A	Begin Date	DATE/10	124	133		PROJECT.START_DT	Begin Date
9	END_DT	N/A	End Date	DATE/10	134	143		PROJECT.END_DT	End Date

Record Layout for: FL_GM_AWARD; Record Id ='ACT'

	Outbound File Field	Field Value Type	Field Description	Format, Type & Length	Start	End	Processing Rules	Source Table.Field	Field Description
1	RECORD-ID	N/A	Record Identifier	CHAR /3	1	3	Value='ACT'		
2	BUSINESS_UNIT	N/A	Business Unit	CHAR /5	4	8		GM_AWARD.BUSINESS_UNIT	Business Unit
3	CONTRACT_NUM	N/A	Contract	CHAR/25	9	33		GM_AWARD.CONTRACT_NUM	Contract
4	PROJECT_ID	N/A	Project	CHAR/15	34	48		PROJECT.PROJECT_ID	Project
5	ACTIVITY_ID	N/A	Activity	CHAR/15	49	63	Use valid value from Standard Activity table (FS_ACTIVITY_TBL).	PROJ_ACTIVITY.ACTIVITY_ID	Activity

	Outbound File Field	Field Value Type	Field Description	Format, Type & Length	Start	End	Processing Rules	Source Table.Field	Field Description
6	FA_RATE_TYPE	N/A	Facilities Admin Rate	CHAR/5	64	68	Grants Agency Spreadsheet dtd 4Mar05 - F&A Rate Type	GM_PRJ_ACT_FA.FA_RATE_TYPE	Facilities Admin Rate
7	FA_BASE_ID	N/A	FA Base ID	CHAR/5	69	73	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	GM_PRJ_ACT_FA.FA_BASE_ID	FA Base ID
8	FA_FUNDED_RATE_PCT	N/A	FA Funded Rate%	NUM/3.2	74	79	Grants Agency Spreadsheet dtd 4Mar05 - Fac Admin Rate - INST	GM_PRJ_ACT_FA3.FA_FUNDED_RATE_PCT	FA Funded Rate%
9	RATE_EFFDT	N/A	Rate Effective Date	DATE/10	80	89	Grants Agency Spreadsheet dtd 4Mar05 - Fac Admin Rate - INST	GM_PRJ_ACT_FA3.RATE_EFFDT	Rate Effective Date

Miscellaneous Processing Notes

- Grants information will be extracted from 9 tables:
 GM_AWARD,CA_CONTR_HDR,CUSTOMER,GM_PERSONAL1_VW,CA_DETAIL_PROJ,CA_DETAIL,PROJECT, PROJ_ACTIVITY, GM_PRJ_ACT_FA, and GM_PRJ_ACT_FA3. These tables share key fields:
 BUSINESS_UNIT,CONTRACT_NUM,EMPLID, PROJECT_ID ,ACTIVITY_ID and FA_RATE_TYPE. These key fields will be used to join these 9 tables together.

Errors

Error No.	Error Conditions	Code Execution
1	Enter Run Control Id and the Value for Business unit that does not have any Grants data	The Status of the Process should be 'Success' Message is written to the log file i.e, " Data is not existing for the specified agency XXXXX".

Interface Load Reports:

Error Log:

Florida Department of Financial Services - Aspire
 Job:
 Process: FL_GR_AWD
 Started: 2006-07-20 13:55:35
 Process Instance: 48559
 Run Control Parameters
 OPRID: NAGAVARS
 RUN_CNTL_ID: lksajdf
 BUSINESS_UNIT: 64000

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 Log file for ADML155 - Grants Master File :
 Begin
 Data is not existing for the specified Business Unit 64000

Records Written: 0

Ended: 2006-07-20-13.55.57.000000

Success Log:

Florida Department of Financial Services - Aspire

Job:

Process: FL_GR_AWD

Started: 2006-07-20 13:40:00

Process Instance: 48533

Run Control Parameters

OPRID: NAGAVARS

RUN_CNTL_ID: test93939

BUSINESS_UNIT: 43000

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Log file for ADML155 - Grants Master File :

Begin

Outbound file created successfully for Business Unit 43000

Records Written: 22

Ended: 2006-07-20-13.40.23.000000

Sample Output File:

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CNT43000DFS0000000000009          F-75-7          Smith,Jane
newcase
000000000000003Shakeout Grantor          CST000000000000003
10.404      2006-01-012009-12-31ACPGR PENDING          10/07/2006
12:06:46 PM      NANDINENIC
CNT43000DFS0000000000009          F-75-7          Smith,Jane
newcase
000000000000003Shakeout Advance          CST000000000000003
10.404      2006-01-012009-12-31ACPGR PENDING          10/07/2006
12:06:46 PM      NANDINENIC
CNT430004300DFS00000010          F-75-7          Smith,Jane
Marine Resources Education
000000000000003Shakeout Grantor          CST000000000000003
10.001      2004-07-012005-06-30ACPGR PENDING          11/07/2006
01:38:14 PM      NANDINENIC
PRJ430004300DFS00000010          4300DFS200      Marine Resources Education
IMPLEMENTATION IMPLEMENTATION          2004-07-012005-06-30
ACT430004300DFS00000010          4300DFS200      IMPLEMENTATION RCF  TDC
20.102004-07-01
CNT430004300DFS00000010          F-75-7          Smith,Jane
Marine Resources Education
000000000000003Shakeout Advance          CST000000000000003
10.001      2004-07-012005-06-30ACPGR PENDING          11/07/2006
01:38:14 PM      NANDINENIC
PRJ430004300DFS00000010          4300DFS200      Marine Resources Education
IMPLEMENTATION IMPLEMENTATION          2004-07-012005-06-30
ACT430004300DFS00000010          4300DFS200      IMPLEMENTATION RCF  TDC
20.102004-07-01
CNT430004300DFS00000021          F-75-7          Smith,Jane
Marine Resources Education

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000000000000003Shakeout Grantor                                CST000000000000003
10.001    2004-07-012005-06-30ACPGR PENDING                    18/07/2006
03:38:52 PM    NANDINENIC
PRJ430004300DFS00000021          4300DFS220    Marine Resources Education
IMPLEMENTATION IMPLEMENTATION    2004-07-012005-06-30
ACT430004300DFS00000021          4300DFS220    IMPLEMENTATION RCF  TDC
20.102004-07-01
CNT430004300DFS00000021          F-75-7      Smith,Jane
Marine Resources Education
000000000000003Shakeout Advance                                CST000000000000003
10.001    2004-07-012005-06-30ACPGR PENDING                    18/07/2006
03:38:52 PM    NANDINENIC
PRJ430004300DFS00000021          4300DFS220    Marine Resources Education
IMPLEMENTATION IMPLEMENTATION    2004-07-012005-06-30
ACT430004300DFS00000021          4300DFS220    IMPLEMENTATION RCF  TDC
20.102004-07-01
CNT43000DFS0000000000006        F-75-7      Smith,Jane
TEST CN
000000000000003Shakeout Grantor                                CST000000000000003
10.001    2004-05-242006-05-24ACPGR PENDING                    24/05/2006
02:51:55 PM    NANDINENIC
CNT43000DFS0000000000006        F-75-7      Smith,Jane
TEST CN
000000000000003Shakeout Advance                                CST000000000000003
10.001    2004-05-242006-05-24ACPGR PENDING                    24/05/2006
02:51:55 PM    NANDINENIC
CNT430004300DFS00000011          TNRT43000    Smith,Jane
TESTINGMULTICHANDRA07-15-06
000000000000003Shakeout Grantor                                CST000000000000003
2002-04-202006-04-27ACPGR PENDING    15/07/2006 02:29:14 PM
NANDINENIC
PRJ430004300DFS00000011          4300DFS210    Marine Resources Education
IMPLEMENTATION IMPLEMENTATION    2004-07-012005-06-30
ACT430004300DFS00000011          4300DFS210    IMPLEMENTATION RCF  TDC
20.102004-07-01
CNT430004300DFS00000011          TNRT43000    Smith,Jane
TESTINGMULTICHANDRA07-15-06
000000000000003Shakeout Advance                                CST000000000000003
2002-04-202006-04-27ACPGR PENDING    15/07/2006 02:29:14 PM
NANDINENIC
PRJ430004300DFS00000011          4300DFS210    Marine Resources Education
IMPLEMENTATION IMPLEMENTATION    2004-07-012005-06-30
ACT430004300DFS00000011          4300DFS210    IMPLEMENTATION RCF  TDC
20.102004-07-01
<END OF FILE>

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Revision History

Revision Schedule			
Number	Date	Designer	Comments
1	07/25/2006	Prakash Pattnaik	Original Presentation – Reworked to incorporate technical standards including file naming, message catalog, and log files.
2	08/18/2006	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.