

2.0 Appendix A – Project Aspire Conversion/Interface Functional Design

ADML ID	023
ADML Description	SpeedChart Interface to MFMP
ADML Tech #	023

2.1 Description Functionality

My Florida Market Place (MFMP) requires all valid SpeedChart values and corresponding chartfield data sets stored in Aspire. A SpeedChart is similar to the current Expansion Option functionality in FLAIR.

Valid SpeedChart values should be extracted from Aspire as a flat file and placed in an appropriate location on the appropriate server. The infrastructure team then needs to ensure that these files are formatted correctly and moved to a special location for MFMP access. Only SpeedChart values with an effective status of “active” and an effective date that corresponds to the date specified on the Run Control Parameter are selected for extraction by this interface. This interface will only extract SpeedCharts that contain a single distribution line even though Aspire allows multiple distribution lines per SpeedChart .

Each SpeedChart contains an accounting distribution line which may contain valid chartfield values. All of these values should be included in the flat file. When set up in Aspire, the individual chartfield values must be valid and active, but the speed chart is not validated by combination edit rules. In addition, the SpeedChart does not have to contain all the fields that would normally be required on a purchasing or payables transaction.

Each SpeedChart is set up under a specific SetID and is defined as having one of three types of access: (1) Universal – available for all users, (2) Permission List – available to users with a specific permission list, or (3) userid – available only to a specific user. In order for MFMP to apply these access rules, the flat file should include these values.

The MFMP application will provide the ability for users to use the SpeedChart functionality on all their purchasing and payables documents. The SpeedChart values available for selection should be filtered based on SetID, Operator ID, and the latest active date. By using the data from this interface in conjunction with the files coming

from ADML 21, MFMP should have all the data required to build the appropriate logic on their side to support this requirement

When the user enters a SpeedChart in MFMP, the accounting line should populate with the appropriate chartfield values. The user should then have the ability to make changes/additions to the accounting information as necessary. When the purchasing or payables transaction is interfaced to Aspire, the SpeedChart ID will not be included in the message since all the chartfields will be sent individually. Upon receiving the transaction, Aspire will verify the values and perform combination edits against them.

2.2 Scheduling

This interface will need to be run as a batch process on a daily basis.

2.3 Run Control Parameters

The Run Control page should be provided with option of selecting Date as Parameter for running the Interface.

Interface / Conversion Parameters	
<i>Parameters (Required)</i>	<i>Possible Values (Prompt Table)</i>

2.4 Unit Test Considerations

1. Verify that the flat file gets generated with the correct data and placed in the appropriate location on the appropriate server.
2. Verify that all of the valid and active SpeedChart values are extracted properly, based on Operator ID, SetID, and effective date.
3. Verify that changes made to SpeedCharts in Aspire are extracted by the interface and sent to appropriate location on the appropriate server.
4. Verify that SpeedCharts with multiple distribution lines are not included in this interface.

2.5 Miscellaneous

- SpeedTypes are not included in this interface since SpeedTypes apply to General Ledger. Because MFMP is connected to Purchasing and Accounts Payable, only SpeedCharts are considered.
- SpeedCharts with multiple distribution lines are not extracted by this interface due to MFMP Limitations.

2.6 Assumptions

1. Only Aspire SpeedChart data will be included in this interface.
2. Part of the MFMP application selection validation should be based on the SpeedChart Type and Operator ID, as follows:
 - a. If the SpeedChart Type is universal, (SPEEDTYPE_TYPE = "U"), all users should have access to the value by SetID
 - b. If the SpeedChart Type is specific to an Operator ID (SPEEDTYPE_TYPE = "O"), only one Operator ID should have access to the value.
 - c. If the SpeedChart Type is secured by a permission list (SPEEDTYPE_TYPE = "P"), only the users with that permission list should have access to the value. The "OprClass" file from ADML 21 contains the link between Operator ID and Permission List.
3. MFMP will use the "OprClass" from table 'SP_BU_GL_CLSVW' sent in ADML 21 to determine which Permission Lists are associated to each Operator ID.
4. The speedchart values will be updated to MFMP on a daily basis.

2.7 Record Layout

The Aspire team will have to create a new record / view to support this requirement from MFMP. The newly created table(s) / view(s) use tables SPEEDCHART_HDR and SPEEDCHART_DTL to obtain the interface data. The following fields will be required in the flat files from table SPEEDCHART_HDR:

Conversion/Interface Requirements						
Sourcesys.table.f ield	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
ASPIRE.SPEEDC HART_HDR.SETI D	CHAR / 5					
ASPIRE.SPEEDC HART_HDR.SPE EDCHART_KEY	CHAR / 10					
ASPIRE.SPEEDC HART_HDR.OPE RID	CHAR / 30					
ASPIRE.SPEEDC HART_HDR.OPR CLASS	CHAR / 30					
ASPIRE.SPEEDC HART_HDR.EFF DT	DATE	Use Standard PeopleSoft Effective Date logic	Do not include in the interface data			
ASPIRE.SPEEDC HART_HDR.EFF	CHAR /1	Choose only values with	Do not include in the			

Conversion/Interface Requirements						
Sourcesys.table.f ield	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
<i>_STATUS</i>		"A"	<i>interface data</i>			
<i>ASPIRE.SPEEDC HART_HDR.SPD CHRT_DEFN_FL G</i>	<i>CHAR / 1</i>					
<i>ASPIRE.SPEEDC HART_HDR.SPE EDTYPE_TYPE</i>	<i>CHAR / 1</i>					
<i>ASPIRE.SPEEDC HART_HDR.TOT AL_LINES</i>	<i>NBR / 4</i>					

Following fields will be required in the flat files from table SPEEDCHART_DTL:

Conversion/Interface Requirements						
Sourcesys.table.f ield	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
ASPIRE.SPEEDC HART_DTL.ACC OUNT	CHAR / 10					
ASPIRE.SPEEDC HART_DTL.ALT ACCOUNT	CHAR / 10					
ASPIRE.SPEEDC HART_DTL.DEP TID	CHAR / 10					
ASPIRE.SPEEDC HART_DTL.OPE RATING_UNIT	CHAR / 8					
ASPIRE.SPEEDC HART_DTL.PRO DUCT	CHAR / 6					
ASPIRE.SPEEDC HART_DTL.FUN D_CODE	CHAR / 7					
ASPIRE.SPEEDC HART_DTL.CLA SS_FLD	CHAR / 10					

Conversion/Interface Requirements						
Sourcesys.table.f ield	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
ASPIRE.SPEEDC HART_DTL.PRO GRAM_CODE	CHAR / 4					/ 5
ASPIRE.SPEEDC HART_DTL.BUD GET_REF	CHAR / 8					
ASPIRE.SPEEDC HART_DTL.AFFI LIATE	CHAR / 5					5
ASPIRE.SPEEDC HART_DTL.AFFI LIATE_INTRA1	CHAR / 10					
ASPIRE.SPEEDC HART_DTL.AFFI LIATE_INTRA2	CHAR / 10					
ASPIRE.SPEEDC HART_DTL.CHA RTFIELD1	CHAR / 10					
ASPIRE.SPEEDC HART_DTL.CHA RTFIELD2	CHAR / 10					
ASPIRE.SPEEDC HART_DTL.CHA	CHAR / 10					

Conversion/Interface Requirements						
Sourcesys.table.f ield	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
<i>RTFIELD3</i>						
<i>ASPIRE.SPEEDC HART_DTL.PRO JECT_ID</i>	<i>CHAR / 15</i>					
<i>ASPIRE.SPEEDC HART_DTL.STAT S_CODE</i>	<i>CHAR / 3</i>					
<i>ASPIRE.SPEEDC HART_DTL.BUSI NESS_UNIT_PC</i>	<i>CHAR / 5</i>					
<i>ASPIRE.SPEEDC HART_DTL.ACTI VITY_ID</i>	<i>CHAR / 15</i>					
<i>ASPIRE.SPEEDC HART_DTL.ANA LYSIS_TYPE</i>	<i>CHAR / 3</i>					
<i>ASPIRE.SPEEDC HART_DTL.RES OURCE_TYPE</i>	<i>CHAR / 5</i>					
<i>ASPIRE.SPEEDC HART_DTL.RES OURCE_CATEG ORY</i>	<i>CHAR / 5</i>					

Conversion/Interface Requirements						
Sourcesys.table.f ield	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
ASPIRE.SPEEDC HART_DTL.RES OURCE_SUB_C AT	CHAR / 5					