

2.0 Appendix A – Project Aspire Conversion/Interface Functional Design

ADML ID	741
ADML Description	SPURS Commodity Code to Aspire Category
ADML Tech #	185

2.1 Description Functionality

Currently, SPURS users create purchasing transactions using commodity codes to identify the commodity being ordered. The commodity codes are made up of 4 different classifications – Class, Group, Item and Detail. The total string is 13 chars long with Class, Group, and Item each containing 3 chars and Detail containing 4. Aspire will be converting only the Class and Group portions (the first 6 chars). For each Class/Group, the conversion will also bring the associated description. The description is the only value that is currently maintained and up-to-date in SPURS.

Note: MFMP uses the Class and Group portion of the commodity code as well, so by staying consistent with their strategy we will avoid problems with that interface. In addition, we will not have to create an interface to maintain the commodity codes between MFMP and Aspire because MFMP currently makes updates manually.

In Aspire, the main category information is held in the ITM_CAT_TBL table. For the conversion, the Class and Group portion of SPURS commodity codes will be joined together and inserted into the Category Code field, CATEGORY_CD. The description in SPURS should be inserted into Aspire's Category Description field, DESCR, on the same table. SPURS will send us this data via a flat file.

In addition, this program will add the Account value that is to be used as a default when entering procurement transactions. The mapping between Category Code, Account and Profile ID will be provided by the State and should be reviewed for any additions/changes right before go-live. The program will utilize this document to populate the Account on each Category record and Profile ID for each applicable Category.

2.2 Scheduling

This is a one-time conversion.

2.3 Run Control Parameters

See the Selection Criteria in the Record Layout below.

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

2.4 Unit Test Considerations

- Verify that correct data is populating the Category tables and online pages.
- Create a requisition with a converted category and source into a PO. Then Receive and create payment. Verify that category information flows through the process appropriately.

2.5 Miscellaneous

None

2.6 Assumptions

- SPURS does not contain any duplicate Class/Group values.
- This conversion does not populate the Alternate Account value since it is an Agency specific value.
- This conversion does not populate the Asset information.
- If a Commodity Code on the SPURS file is not found on the Account mapping document, it will not get loaded to Aspire and will be sent to an error report.

2.7 Record Layout

Conversion/Interface Requirements						
Sourcesys.table.field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
N/A			Use 'SHARE' for all categories		PS.ITM_CAT_TBL.S ETID	CHAR / 5
N/A			Use 'PSF' for all rows.		PS.ITM_CAT_TBL.C ATEGORY_TYPE	CHAR / 3
SPURSVIEW.T_COMMODITY.commodity_class, SPURSVIEW.T_COMMODITY.commodity_group	VARCHA R2/3, VARCHA R2 /3	Only select those rows where SPURSVIEW.T_COMMODITY.commodity_item (VARCHAR/3)='000' and SPURSVIEW.T_COMMODITY.commodity_detail (VARCHAR/4)='0000'	Join the Class and Group codes into a 6 character value for Aspire's Category Code. Leave the rest blank.		PS.ITM_CAT_TBL.C ATEGORY_CD	CHAR/ 18
N/A			Use NEXT Numbering starting with '00001'		PS.ITM_CAT_TBL.C ATEGORY_ID	CHAR / 5
N/A			Use the uniform effective date to be used for all conversions.		PS.ITM_CAT_TBL.E	DATE /

Conversion/Interface Requirements						
			(e.g., 01/01/1901)		FFDT	10
SPURSVIEW.T_COMMODITY.description	VARCHAR2/40	Do not bring codes where the Description field includes "TO BE DELETED" or "DO NOT USE" or "MARK FOR DELETE"	Use the SPURS Description matching the commodity code, truncating the last 10 characters so that it will fit the 30 char field in Aspire.		PS.ITM_CAT_TBL.D ESCR	CHAR/30
SPURS.COMDTY01.keywords_desc	VARCHAR2/10		Use the 1 st keyword from SPURS		PS.ITM_CAT_TBL.D ESCRSHORT	CHAR/10
Excel Spreadsheet			Optional - Use mapping spreadsheet provided by State.		PS.ITM_CAT_TBL.P ROFILE_ID	CHAR/10
N/A			Enter '0'		PS.ITM_CAT_TBL.N BR_OF_ITMS	NBR/5
N/A			Enter '0'		PS.ITM_CAT_TBL.L EAD_TIME	NBR/3
N/A			Leave default - 'N'		PS.ITM_CAT_TBL.I NSPECT_CD	CHAR/1

Conversion/Interface Requirements						
N/A			Leave default - 'S'		PS.ITM_CAT_TBL.I NSPECT_UOM_TYP E	CHAR/ 1
N/A			Not required, leave blank.		PS.ITM_CAT_TBL.R OUTING_ID	CHAR/ 10
N/A			Enter '0'		PS.ITM_CAT_TBL.R EJECT_DAYS	NBR/ 3
Excel Spreadsheet			Required. Use mapping spreadsheet provided by State.		PS.ITM_CAT_TBL.A CCOUNT	CHAR/ 10
N/A			Not required, leave blank.		PS.ITM_CAT_TBL.A LTACCT	CHAR/ 10
N/A			Leave default - '0.00000'		PS.ITM_CAT_TBL.U NIT_PRC_TOL	NBR/ 8.5
N/A			Leave default - '0.00'		PS.ITM_CAT_TBL.P CT_UNIT_PRC_TOL	NBR/ 3.2
N/A			Use - 'N'		PS.ITM_CAT_TBL.R ECV_REQ	CHAR/ 1

Conversion/Interface Requirements						
N/A			Leave default – ‘0.00000’		PS.ITM_CAT_TBL.E XT_PRC_TOL	NBR/ 8.5
N/A			Leave default – ‘0.00’		PS.ITM_CAT_TBL.P CT_EXT_PRC_TOL	NBR/ 3.2
N/A			Leave default – ‘0.00’		PS.ITM_CAT_TBL.Q TY_RECV_TOL_PCT	NBR/ 3.2
N/A			Leave default – ‘N’		PS.ITM_CAT_TBL.R JCT_OVER_TOL_FL AG	CHAR/ 1
N/A			Not required, leave blank.		PS.ITM_CAT_TBL.P RIMARY_BUYER	CHAR/ 30
N/A			Use the translate value – ‘2’ for Received Status with warning.		PS.ITM_CAT_TBL.R ECV_PARTIAL_FLG	CHAR/ 1
SPURSVIEW.T_ COMMODITY.d escription	VARCHA R2/40	Do not bring codes where the Description field includes “TO BE DELETED” or “DO NOT USE” or “MARK	Use the SPURS Description matching the commodity code. This will allow us to capture the full description in case the first 30 chars does not		PS.ITM_CAT_TBL.C OMMENTS_LONG	LONG/25 4

Conversion/Interface Requirements						
		<i>FOR DELETE</i>	<i>provide enough information.</i>			
N/A			<i>Use 'USD'</i>		<i>PS.ITM_CAT_TBL.C URRENCY CD</i>	<i>CHAR/3</i>
N/A			<i>Enter '0'</i>		<i>PS.ITM_CAT_TBL.P CT_UNDER_QTY</i>	<i>SIGN/3</i>
N/A			<i>Leave default – 'B'</i>		<i>PS.ITM_CAT_TBL.S RC_METHOD</i>	<i>CHAR/1</i>
N/A			<i>Enter '0.00'.</i>		<i>PS.ITM_CAT_TBL.L EAD_TIME_IMP</i>	<i>NBR/ 3.2</i>
N/A			<i>Enter '0.00'.</i>		<i>PS.ITM_CAT_TBL.P RICE_IMP</i>	<i>NBR/ 3.2</i>
N/A			<i>Enter '0.00'.</i>		<i>PS.ITM_CAT_TBL.S HIPTO_PR_IMP</i>	<i>NBR/ 3.2</i>
N/A			<i>Enter '0.00'.</i>		<i>PS.ITM_CAT_TBL.V NDR_PR_IMP</i>	<i>NBR/ 3.2</i>
N/A			<i>Not required, leave blank.</i>		<i>PS.ITM_CAT_TBL.H IST_END_DT</i>	<i>DATE/10</i>

Conversion/Interface Requirements						
N/A			Enter '0'.		PS.ITM_CAT_TBL.H IST_NBR_MTHS	NBR/3
N/A			Not required, leave blank.		PS.ITM_CAT_TBL.H IST_START_DT	DATE/10
N/A			Enter '0.000'		PS.ITM_CAT_TBL.M ERCH_AMT_CAT_T OT	SIGN /23.3
N/A			Enter '0'.		PS.ITM_CAT_TBL.H IST_START_MTH	NBR/2
N/A			Enter '0.00000'.		PS.ITM_CAT_TBL.U NIT_PRC_TOL_L	NBR/8.5
N/A			Enter '0.00'.		PS.ITM_CAT_TBL.P CT_UNIT_PRC_TOL _L	NBR/3.2
N/A			Enter '0.00000'.		PS.ITM_CAT_TBL.E XT_PRC_TOL_L	NBR/8.5
N/A			Enter '0.00'.		PS.ITM_CAT_TBL.P CT_EXT_PRC_TOL_	NBR/3.2

Conversion/Interface Requirements						
					<i>L</i>	
<i>N/A</i>			<i>Enter '0'.</i>		<i>PS.ITM_CAT_TBL.S HIP_LATE_DAYS</i>	<i>NBR/4</i>
<i>N/A</i>			<i>Not required, leave blank.</i>		<i>PS.ITM_CAT_TBL.C UM_SRC_RUN_LEV EL</i>	<i>CHAR/1</i>
<i>N/A</i>			<i>Use default - 'A'</i>		<i>PS.ITM_CAT_TBL.E FF_STATUS</i>	<i>CHAR/1</i>
<i>N/A</i>			<i>Use default - '01'</i>		<i>PS.ITM_CAT_TBL.M ARKETCODE</i>	<i>CHAR/2</i>
<i>N/A</i>			<i>Use default - 'G'</i>		<i>PS.ITM_CAT_TBL.P HYSICAL_NATURE</i>	<i>CHAR/1</i>
<i>N/A</i>			<i>Not required, leave blank.</i>		<i>PS.ITM_CAT_TBL.V AT_SVC_PERFRM_ FLG</i>	<i>CHAR/1</i>
<i>N/A</i>			<i>Not required, leave blank.</i>		<i>PS.ITM_CAT_TBL.U LTIMATE_USE_CD</i>	<i>CHAR/8</i>

Conversion/Interface Requirements						
N/A			Use default – '99999999.00000'		PS.ITM_CAT_TBL.W F_PRC_TOL_OVR	NBR/8.5
N/A			Use default – '99999999.00000'		PS.ITM_CAT_TBL.W F_PRC_TOL_UND	NBR/8.5
N/A			Use default – '999.00'		PS.ITM_CAT_TBL.W F_PCT_PRC_TOL_ OVR	NBR/3.2
N/A			Use default – 'N'		PS.ITM_CAT_TBL.R FQ_REQ_FLAG	CHAR/1
N/A			Use default – '999.00'		PS.ITM_CAT_TBL.W F_PCT_PRC_TOL_ UND	NBR/3.2