

2.0 Appendix A – Project Aspire Conversion/Interface Functional Design

ADML ID	1728
ADML Description	Time Reporting Codes Outbound Interface
ADML Tech #	

2.1 Description Functionality

The Aspire labor distribution process will allow employees whose labor distribution is based on hours worked to record their hours against an Aspire defined Time Reporting Code (TRC) in PeopleFirst. Costs will be allocated accordingly based on the hours and TRC definition. The use of the new TRC requires that an interface be created to supply PeopleFirst with the valid TRC codes for timesheet entry. This code will be used in place of Charge Object Codes for employee time data input. If an agency uses the Charge Object for dual purposes, only the Aspire defined TRCs will be interfaced from PeopleFirst to Aspire in the timesheet detail interface (See ADML 151). PeopleFirst currently has a batch interface (PRI_097) that will be used to pass the TRCs into the Financial Project Code field. The PeopleFirst interface requires that a Charge Object Action be defined for each record. When a TRC is added or a new effective dated record for an existing TRC is added in Aspire, the interface program will pick up the record (select all TRCs that have a Load Status = ‘NEW’) and send to PeopleFirst. After the TRC has been picked up by the interface program, Load Status field will be changed from ‘NEW’ to ‘DON’.

Example

1. TRC Definitions in Aspire at go-live

Business Unit	TRC	Descr	Effective Date	Effective Status	Interface Status
52000	T1000	Code 1	01/01/1901	A	NEW
52000	T2000	Code 2	01/01/1901	A	NEW
52000	T3000	Code 3	01/01/1901	A	NEW

2. First Interface file to PeopleFirst (limited fields for purposes of this scenario)

Agency Code	Fin Proj Code	Text	Action	Begin Date	End Date
5200	T1000	Code 1	A	01/01/1901	12/31/9999
5200	T2000	Code 2	A	01/01/1901	12/31/9999
5200	T3000	Code 3	A	01/01/1901	12/31/9999

3. Interface updates TRC definition table

Business Unit	TRC	Descr	Effective Date	Effective Status	Interface Status
52000	T1000	Code 1	01/01/1901	A	DON
52000	T2000	Code 2	01/01/1901	A	DON
52000	T3000	Code 3	01/01/1901	A	DON

4. TRCs are modified in Aspire

Business Unit	TRC	Descr	Effective Date	Effective Status	Interface Status
52000	T1000	Code 1	01/01/1901	A	DON
52000	T1000	Code 1	01/01/2005	I	NEW
52000	T2000	Code 2	01/01/1901	A	DON
52000	T2000	Code 2	01/15/2005	A	NEW
52000	T3000	Code 3	01/01/1901	A	DON
52000	T3000	Code 3	01/01/2005	I	NEW
52000	T3000	Code 3	02/01/2005	A	NEW

5. Next interface file to PeopleFirst

Agency Code	Fin Proj Code	Text	Action	Begin Date	End Date
5200	T1000	Code 1	D	01/01/2005	12/31/9999
5200	2000	Code 2	A	01/15/2005	12/31/9999
5200	T3000	Code 3	D	01/01/2005	12/31/9999
5200	T3000	Code 3	A	02/01/2005	12/31/9999

6. Interface program updates TRC definition records

Business Unit	TRC	Descr	Effective Date	Effective Status	Interface Status
52000	T1000	Code 1	01/01/1901	A	DON
52000	T1000	Code 1	01/01/2005	I	DON
52000	T2000	Code 2	01/01/1901	A	DON
52000	T2000	Code 2	01/15/2005	A	DON
52000	T3000	Code 3	01/01/1901	A	DON
52000	T3000	Code 3	01/01/2005	I	DON
52000	T3000	Code 3	02/01/2005	A	DON

2.2 Scheduling

The Time Reporting Code interface will run nightly as part of the batch schedule.

2.3 Run Control Parameters

Interface / Conversion Parameters	
<i>Parameters (Required)</i>	<i>Possible Values (Prompt Table)</i>
Path and file name	TBD
<i>Parameters (Optional)</i>	<i>Possible Values</i>

2.4 Unit Test Considerations

- Create a flat file that requires the interface program to use both the Add and Delimit charge object action codes.

2.5 Miscellaneous

Produce an error report if any of the following conditions are met:

- Flat File load errors.
- Interface program fails to update the Load Status field on the TRC header record.

2.6 Assumptions

- The Aspire Labor Distribution process is not intended to replace all Agencies' methods for processing labor distribution. Those agencies that cannot use the labor distribution as designed in Aspire will continue to use their current methods and upload data to GL (See ADML #007 Journal Entries for Agency Use). The delivered application engine, PC_GL_TO_PC, will be run to bring those results into Project Costing.
- All agencies that will use the Aspire labor distribution process will use PeopleFirst for time entry. Agencies that do not use PeopleFirst for time entry will be unable to use the Aspire Labor Distribution process. No other interfaces will be supported to capture hour worked in Aspire.

- If an existing TRC needs to be modified in Aspire, users will insert a new effective dated row rather than using the correction mode. This will ensure that changed records are interfaced to PeopleFirst.
- Time Reporting Codes will be defined and maintained in Aspire.
- PeopleFirst will be provided with a valid list of Time Reporting Codes as defined in Aspire.
- PeopleFirst will use the existing Financial Project Code to store the Aspire Time Reporting Codes.

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			Set to 'HEADER'	Required	Record Type	AN/7
N/A			Set to run date	Required ; Format = YYYYMMDD	Run Date	NUM/8
N/A			Fill with spaces		Filler	AN/1
N/A	CHAR/5		Always populate with 'ASPI'	Required	Agency Code	AN/4
N/A			Fill with spaces		Filler	AN/1
N/A			PRI_097		Interface Name	AN/8

Conversion/Interface Requirements

Sourcesys.table. field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
FL_TRC_TBL_HDR.BUSINESS_UNIT_GL	CHAR/5	Select first 4 characters of business unit		Required; Key field	Agency Code	AN/4
FL_TRC_TBL_HDR.FL_TRC	CHAR/16			Required; Key field; Left Justified	Financial Project Code	AN/32
N/A	CHAR/1	If the effective status on the FL_TRC_TBL_HDR record = 'A' then the action is 'A', if the effective status is = 'T' then the action = 'D'	'A' for new records and 'D' for inactivated records	Required; Valid values are A = Add D = Delimit	Charge Object Action	AN/1
FL_TRC_TBL_HDR.EFFDT	DATE/10			CCYYMMDD	Charge Object Begin date	DAT/8
N/A			Enter '12/31/9999'	CCYYMMDD	Charge Object End date	DAT/8
N/A			Fill with spaces	Left Justified	Activity code	AN/6
N/A			Always populate with 'X'	Required	Aspire Indicator	AN/1

Conversion/Interface Requirements						
Sourcesys.table. field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
N/A			Fill with spaces		Filler	AN/16
N/A			Fill with spaces		Activity Text	AN/40
N/A			Fill with spaces	Left Justified	Sub-Activity Code	AN/4
N/A			Fill with spaces		Filler	AN/1
FL_TRC_TBL_ HDR.DESCR	CHAR/30			Required	Financial Project text	AN/40
N/A			Fill with spaces		Sub-Activity Text	AN/40
DEPT_TBL.DE PTID	CHAR/10	Select minimum org code for the GL Business Unit defined for the TRC		Required; Key field; State Org Code Begin range	Org Code begin series	NUM/11
DEPT_TBL.DE PTID	CHAR/10	Select maximum org code for GL Business Unit defined for the TRC		Required; Key field; State Org Code End range	Org Code End series	NUM/11

Conversion/Interface Requirements						
Sourcesys.table. field	Field Format / Length	Selection Criteria	Processing Rules	Comments	Targetsys.table.field	Field Format / Length
N/A			Set to 'TRAILER'	Required	Record Type	AN/8
N/A			Set to number of detail records in file	Required	Number of Records	NUM/8