



**FI\$Cal**

*Financial Information System for California*

# Interfaces Workshop Transaction Code Interfaces

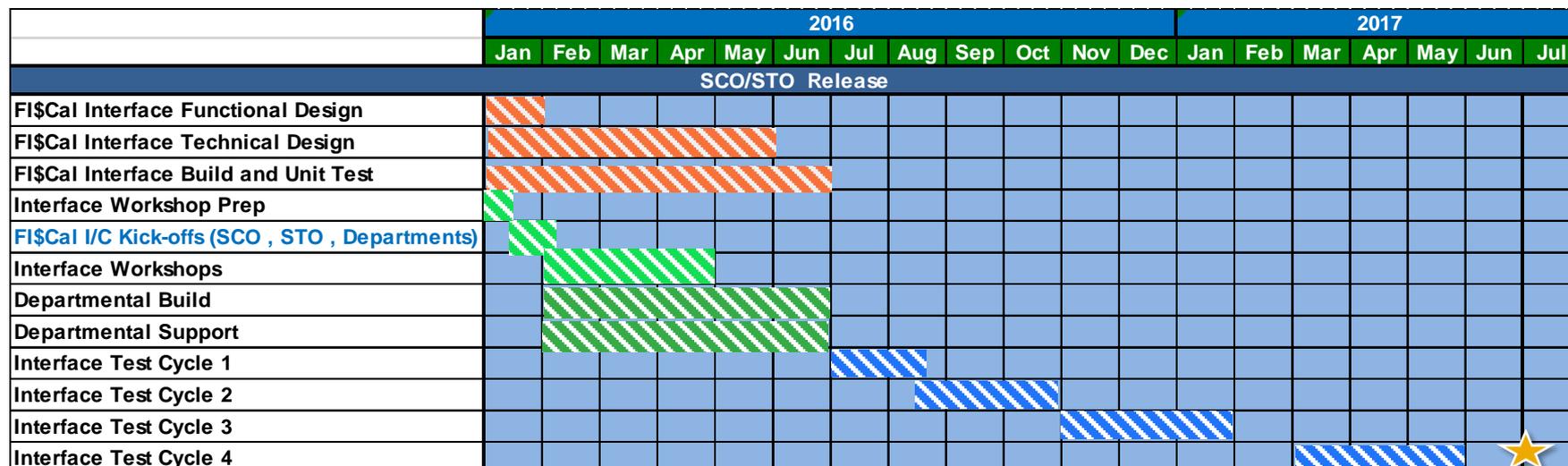
March 17, 2016

# Agenda

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- Workshop Objectives
  - Review Interface and file layout ,to allow Departments to begin interface activities
- Timeline
- Roles & Responsibilities
- Detailed Layouts and review of Interfaces
  - INFG108: Inbound Transaction Code Interface
  - INFAR016: eFITS Interface
- Next Steps

# R17 Interfaces– Key Activities Timeline



Interface Workshops will be conducted from Feb to Apr 2016

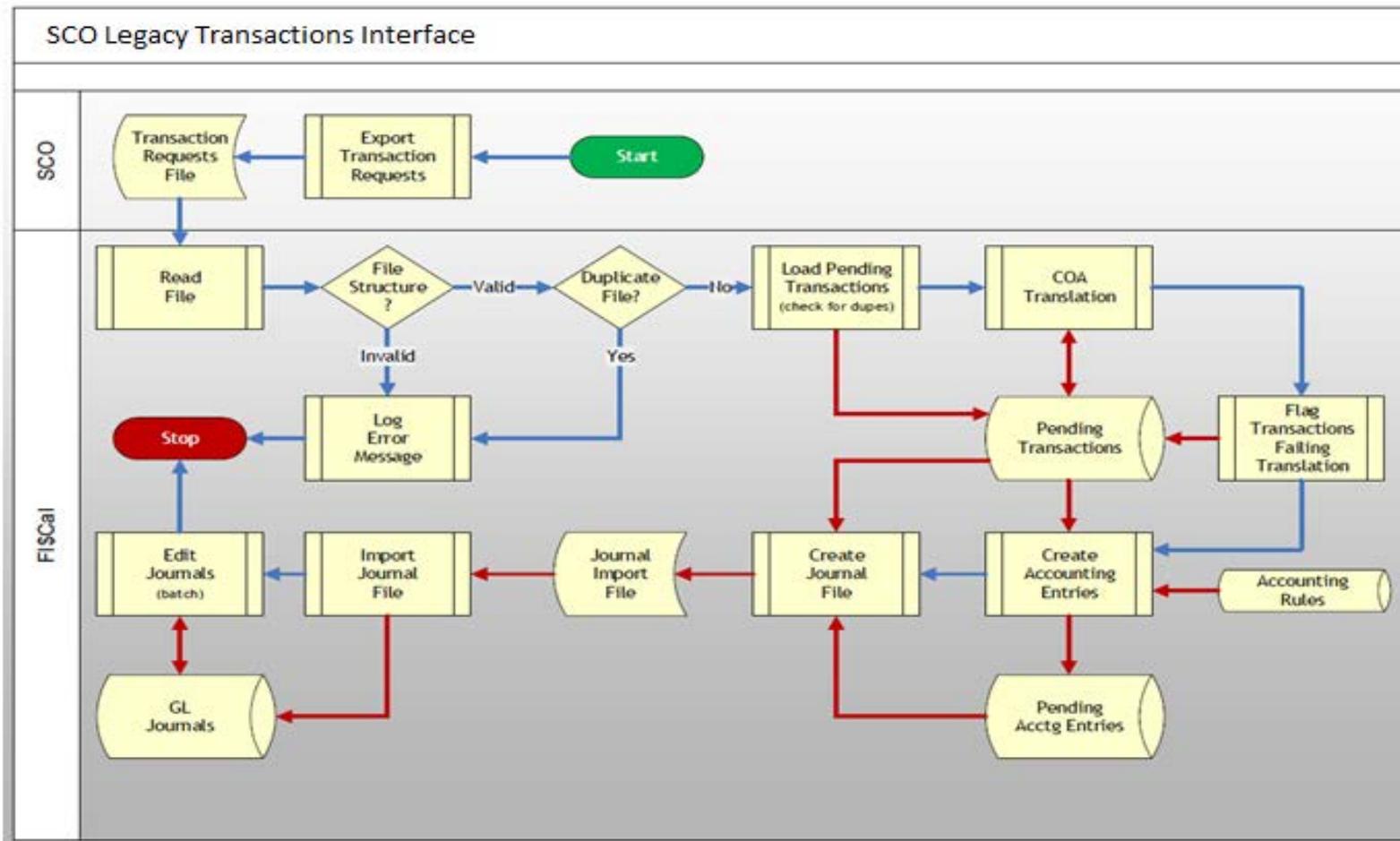
FI\$Cal Interface build is expected to complete by end of June 2016

SCO/STO will be involved in testing interfaces across 4 test cycles with FI\$Cal Project. Interface Testing kick-off is currently planned for May 2016 and will detail timelines and processes for interfaces testing.

# Interface Roles and Responsibilities

Activity	Team
Using the defined scope, identify the development objects for interfaces for the FI\$Cal Application.	FI\$Cal
Using the defined scope, identify the development objects for interfaces for the Legacy Applications.	SCO
Understand mapping of legacy data elements to FI\$Cal data elements based on layout & mapping provided.	SCO
Manage completion of FI\$Cal interface activities - Technical Design, Build, and Unit Test interfaces.	FI\$Cal
Manage and participate through completion of legacy interface activities - Technical Design, Build, and Unit Test interfaces.	SCO
Functional and Integration Test activities, process the interfaces file within the FI\$Cal Application including evaluation of error and log files.	FI\$Cal
Resolve Interface Errors (Integration Test)	FI\$Cal & SCO

# Data Flow – Inbound Transaction Code Interface



# Interface Scope

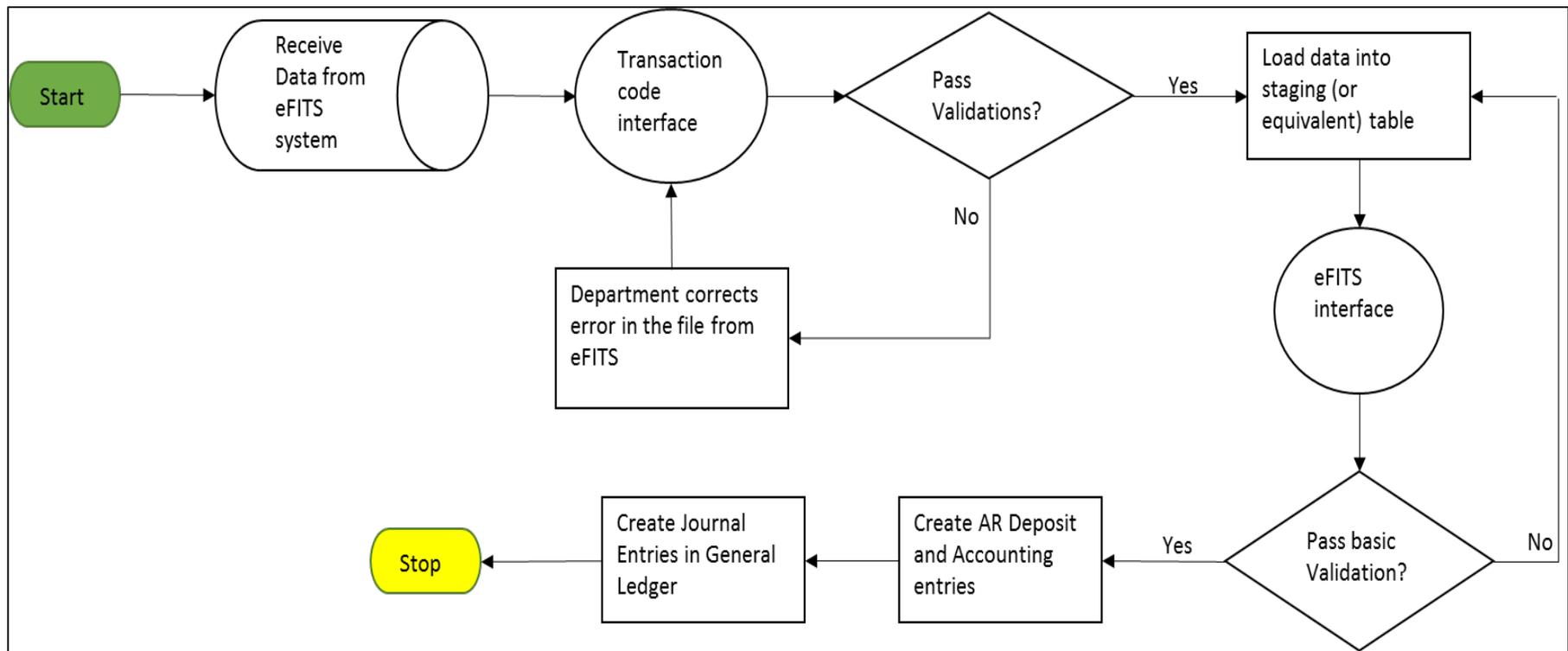
## INFGL108 – Inbound Transaction Code Interface

- The interface is designed to load accounting transactions for non-FI\$Cal departments from SCO legacy systems into FI\$Cal (PeopleSoft).
- In FI\$Cal, accounting entries will be derived from the Transaction Codes and, after appropriate validation, posted in the FI\$Cal General Ledger.
- This interface must support processing of transactions for the following Transaction Codes:

Trans Code	Description
34	Report of Accruals
35	General Journals
36	P.F.A. Transfers
37	Payroll Revolving Fund Transfers
38	General Transfers
39	No Warrant Transfers
40	Reserved Appropriation Advances
47	Treasury Trust Remittances
48	Treasury Trust (ORF) Replenishments
71	Encumbrances
72	Encumbrance Reclassification
84	Automated Report of Accruals

- Review Layout.

# Data Flow –eFITS Interface



# Interface Scope

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## INFAR016 – eFITS Interface

- Non-FI\$Cal departments need to interface transfer of money from the agency's checking account to the agency's fund, where it may then be available for payments of obligations.
- Non-FI\$CAL departments will send the deposit accounting entries (remittance) to FI\$Cal through inbound Transaction code interface (INFGL108) into PeopleSoft General Ledger staging table. Transaction code interface validates these deposit accounting entries and create balanced accounting entries for it.
- eFITS interface will pick these accounting entries from PeopleSoft General Ledger staging table and create deposits for these transactions so that reference transaction of these accounting entries is captured in FI\$Cal.
- Once the Department deposit transactions are loaded into the AR Module, the interfaced deposits will be processed in the same method as those entered manually online.

## ❑ Dataflow Security Between FI\$Cal & SCO

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- FI\$Cal will access SCO mainframe via Secure protocols to retrieve data from identified Mainframe datasets for below Interface
  - ❑ INFGL108 - Inbound Transaction Code Interface

## Next Steps

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### **Build and Workshops**

- FI\$Cal and SCO to continue Technical Designs and Build till June 2016
- SCO staff to attend Interface Workshops during Feb and Mar 2016

### **Access and Data files**

- SCO and FI\$Cal to coordinate for connectivity and access for Test Datasets for SCO Interfaces during February to June 2016
- SCO to provide production like data files for Unit Testing purpose for better validation of Interfaces in Unit Testing during February to June 2016

# Next Steps

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## **Interface Testing**

- SCO to identify Test Environments in Department to conduct the Interface testing which starts in July 2016
- SCO to develop Legacy Test scripts, data conditions & exceptions that need to be tested based on review of existing and to be business processes from Feb to May 2016
- SCO to identify test conditions & exceptions that need to be tested in FI\$Cal application based on review of existing and to be business processes from Feb to May 2016

## **FI\$Cal Support**

- Attend FI\$Cal scheduled touchpoints or support sessions during Feb to May 2016 to understand progress, testing updates and next steps

# Interface Test Objectives

Test Cycle	Primary Objectives
Interface Test Cycle 1	<ul style="list-style-type: none"> <li>• Validate Interface programs/processes/layout</li> </ul>
Interface Test Cycle 2	<ul style="list-style-type: none"> <li>• End-to-end testing of Interfaces including testing of Business Processes involved in completing the life cycle of Interfaces.</li> <li>• Test additional Test Conditions as provided by Departments</li> </ul>
Interface Test Cycle 3, 4	<ul style="list-style-type: none"> <li>• End User validation of Interface data in the User Acceptance Environment.</li> </ul>
Common Objectives across all Interface Test Cycles	<ul style="list-style-type: none"> <li>• Test connectivity between FI\$Cal and Departments / Controlling Agency.</li> <li>• Provide Departments/Controlling Agency with data validation, File layout and format issues.</li> <li>• Fix Interface Programs on Department and FI\$Cal applications</li> </ul>

# Interface Testing – SCO Involvement

Activity	Primary Owner
Identify and Provide High Level Interface Test Scenarios/Conditions as executed in FI\$Cal to the Departments	FI\$Cal
Identify High Level Interface Test Scenarios/Conditions for Legacy application	SCO
Identify / Create Test Scripts for Legacy application	SCO
Process Interface test data including provision and processing of Interface files (Inbound/Outbound) for FI\$Cal application	FI\$Cal
Process Interface test data including provision and processing of Interface files (Inbound/Outbound) for Legacy application	SCO
Execute Test Scripts for FI\$Cal application with Departmental Data	FI\$Cal
Execute Test Scripts for Departmental application with FI\$Cal data received via Outbound Interface	SCO
Document Test Results and Defects for Legacy application	SCO
Manage Defects and Defect resolution process in Legacy application	SCO
Analyze Test Results and Resolve Defects for Legacy application	SCO
Retest Defects for Executed Test Scripts for Legacy application	SCO
Analyze Test Results and Resolve Defects for FI\$Cal application	FI\$Cal

## Questions/Additional Information

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**FI\$Cal Project Information:**

<http://www.fiscal.ca.gov/>

or e-mail questions to the FI\$Cal  
Project Team at:

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