

**TITLE:** Oracle EBS Code Review Checklist**WICER Development Summary**

WICER ID	ROTC191, ROTC194, ROTC195, IOTC5, ROTC85
Title	Recurring Billing Solution for IT, SE and AT
Project/ CR#	CR 2050, 2053
SPARC/ GTrack PR#	
Author / Developer Name	Senthilkumar Shanmugam

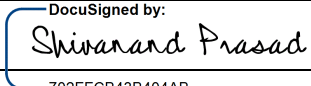
Review Round 1 (Dev Completion, FUT/INT Entry)

Reviewers	Shivanand Prasad
Review Date	15 MAY 2020
Key Observations	
Open issues:	No Issue

Review Round 2 (UAT Entry)

Reviewers	Shivanand Prasad
Review Date	02 JUN 2020
Key Observations	
Open issues:	No Issue

Review Round 3 (UAT Exit): Final code review and sign off

Reviewers	Shivanand Prasad
Signature	<div>DocuSigned by: </div>
Review Date	<div>702FFCB43B404AB... June 12, 2020 8:14:33 AM PDT</div>
Key Observations	

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Approved Date:

Validation Parameters	Results	Comments/Resolution
General		
Verify latest code baseline from SVN has been used.	Yes	
Code conflict and/or dependencies with other projects, CR's have been identified and resolved?	Yes	
Files being modified have been locked until go-live?	Yes	
Scripts and batch programs that invoke other programs must not supply authentication information required by these programs on the invocation line. Is the code compliant with this guideline?	Yes	
Application program modules, scripts and batch programs must never hard code/store sensitive information (e.g. passwords) as clear text. Is the code compliant with this guideline?	Yes	

Validation Parameters	Results	Comments/Resolution
Formatting and Comments		
Code is properly formatted and indented in a way that facilitates easy reading and comprehension?	Yes	
Every custom file includes a summary header that contains filename, description, change history. Change history must include version no, date modified, author and description of modification.	Yes	
Comments are placed at the beginning of each sub-routines (procedures, functions, classes methods etc) that explain the purpose and	Yes	

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Validation Parameters	Results	Comments/Resolution
Formatting and Comments		
approach.		

Validation Parameters	Results	Comments/Resolution
Object definition, Naming Convention and Ownership		
All custom object names must start with XXGIL_ for DB objects and XXGIL for java components.	Yes	
Tables, Sequences, Indices, Constraints must be defined in XXGIL schema. Packages, Procedures, Functions, Triggers, Views, Materialized views must be defined in APPS schema	Yes	
Tables should have atleast one unique index	N/A	
View names start with XXGIL_ and end with _V	N/A	
Trigger names use convention <i><table>_Ti</i>	N/A	
Sequence names use convention <i>XXGIL_sequence name_s</i>	N/A	
Synonyms should have the same name as table	N/A	
Primary Key uses convention <i>table_PK</i>	N/A	
Unique Key uses <i>convention table_Ui</i>	N/A	
Non unique key uses <i>convention table_Ni</i>	N/A	
Foreign Key uses <i>convention table_Fi</i>	N/A	
Packages uses convention <i>XXGIL_<description>_pkg</i>	Yes	

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Validation Parameters	Results	Comments/Resolution
SQL and PL/SQL		
Standalone stored procedures and functions should not be used. Instead the procedures and functions should always be part of a package. Does the code comply with this?	Yes	
Have the sql statements/packages/functions/procedures/triggers been optimized through TKPROF or Explain plans to ensure optimal IO and avoid full table scans?	Yes	
Variable declaration are made using anchoring declarations (%TYPE and %ROWTYPE)?	Yes	
SQL statement joins are built using index based columns?	Yes	
SQL statement contains hard coded values?	No	
Are there infinite loops?	No	
There should not be any functions on indexed columns in the where clause. Does the code comply with this?	Yes	
Naming convention for variables/parameters should be followed. l_ for local variables p_ for parameters g_ for global variables lc_ for local constant gc for global constant Cursor cur_ Record rec_ Types typ_ PL/SQL table tab_	Yes	

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Savepoints are used where needed?	N/A	
COMMIT/ROLLBACKS are in outermost procedure?	N/A	
Code must be modular so that function, procedures and sub-routines are reusable and that there is no redundancy	Yes	
Every procedure, function has block level exceptions?	Yes	
Code handles every possible error condition. There are no unhandled exceptions. Every error is handled gracefully. Does the code comply with this?	Yes	
In the PL/SQL object creation script, is there a SHOW ERRORS followed by EXIT statement (where the error gets written into a log file or a table) immediately following the object creation?	N/A	

Validation Parameters	Results	Comments/Resolution
Workflows		
Workflow objects are modified using protection level of 100. Custom workflows are created using protection level 100.	N/A	
Exceptions are handled at each function level so that errors can be tracked down to the procedure where the error occurred.	N/A	
Standard workflow item types - WFSTD (Standard), WFERROR (System: Error), or WFMAIL (System: Mailer) are not modified	N/A	
Workflow functions comply with PL/SQL coding standards?	N/A	

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Forms		
Modification to Oracle's standard forms is only permitted via forms personalization or custom.pll. Direct form modifications are not permitted. Does the code comply with this?	N/A	

Validation Parameters	Results	Comments/Resolution
Reports		
Oracle Reports complies with PL/SQL coding standards?	Yes	

Validation Parameters	Results	Comments/Resolution
OA Framework		
All custom code objects (.class, .xml) are to be placed under \$JAVA_TOP/xxgil/oracle/apps/<PRODUCT>/....	N/A	
Seeded OAF components should not be directly modified. Oracle's OAF customization methodology of extension and substitution must be used. Does the code comply with this?	N/A	
Call to custom pages must be secured through function security. Does the code comply with this?	N/A	
All source code (.java and other files) is maintained in SVN.	N/A	

**TITLE:** Oracle EBS Code Review Checklist**REVISION HISTORY**

Rev.	Effective Date	Author	Description of Changes	Justification for Changes
2.0	<see EDMS>	N. Sivakumar	1. Routed for approval to capture QA approval 2. Removed reference to ITSM and replaced it with SPARC	1. As per CAPA PR # 127108 2. Correct system reference
1.0	30-Oct-2017	V. Sunkara	1. New Code Review Check List for Oracle EBS	1. Code Review Check List for Oracle EBS