



TITLE: Oracle EBS Code Review Checklist

**WICER Development Summary**

WICER ID	ROTCBS
Title	Commercial Invoice Report
Project/ CR#	Project Insight (12.2.8 upgrade & KITE Integration)
SPARC/ GTrack PR#	PR# 137328
Author / Developer Name	Vivek Agarwal


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

Reviewers	Vaibhav Hadaawale
Review Date	19-DEC-19
Key Observations	-
Open issues:	-

**Review Round 2 (UAT Entry)**

Reviewers	Hasan Abdul Rahim
Review Date	19-DEC-19
Key Observations	-
Open issues:	-

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

Reviewers	Hasan Abdul Rahim
Signature	
Review Date	19-DEC-19
Key Observations	
Approved Date:	

GILEAD CONFIDENTIAL INFORMATION

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Validation Parameters	Results	Comments/Resolution
<b>General</b>		
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?	NA	
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
<b>Formatting and Comments</b>		
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 approach.	Yes	



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Validation Parameters	Results	Comments/Resolution
<b>Object definition, Naming Convention and Ownership</b>		
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	NA	
View names start with XXGIL_ and end with _V	NA	
Trigger names use convention <table>_Ti	NA	
Sequence names use convention XXGIL_sequence name_s	NA	
Synonyms should have the same name as table	NA	
Primary Key uses convention table_PK	NA	
Unique Key uses convention table_Ui	NA	
Non unique key uses convention table_Ni	NA	
Foreign Key uses convention table_Fi	NA	
Packages uses convention XXGIL_<description>_pkg	Yes	

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<b>SQL and PL/SQL</b>		
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?	NA	
Variable declaration are made using anchoring declarations (%TYPE and %ROWTYPE)?	NA	
SQL statement joins are built using index based columns?	NA	
SQL statement contains hard coded values?	NA	
Are there infinite loops?	NA	
There should not be any functions on indexed columns in the where clause. Does the code comply with this?	NA	
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?	NA	
COMMITTS/ROLLBACKS are in outermost procedure?	Yes	
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?	NA	

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



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<b>Forms</b>		
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?	NA	

Validation Parameters	Results	Comments/Resolution
<b>Reports</b>		
Oracle Reports complies with PL/SQL coding standards?	NA	

Validation Parameters	Results	Comments/Resolution
<b>OA Framework</b>		
All custom code objects (.class, .xml) are to be placed under \$JAVA_TOP/xxgil/oracle/apps/<PRODUCT>/....	NA	
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?	NA	
Call to custom pages must be secured through function security. Does the code comply with this?	NA	
All source code (.java and other files) is maintained in SVN.	NA	

**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

Effective

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