

RIS 2008-05, Revision 1

Lessons Learned To Improve Inspections, Tests, Analyses, And Acceptance Criteria Submittal

July 29, 2010

Calvin Cheung
Construction ITAAC Team
NRO/DCIP/CTSB

Background Information

- RIS 2008-05 was issued February 2008 (ML073190162) to communicate good practices for submitting ITAAC as part of applications for ESPs, DCs, or COLs.
- Revision 1 (ML101450192) expands on issues that were previously identified, as well as presents new issues that have been identified since the original document.
 - These issues were presented and discussed at the December 17, 2009 Category 3 Public Workshop on ITAAC Closure

Schedule



- Staff plans to issue the RIS by December 2010
- Draft RIS was posted on July 20th
- Deadline for public comment is August 20th



Overview of Revisions

- Categories identified in RIS 2008-05
 - ITAAC format and content
 - ITAAC nomenclature and language
 - ITAAC focus, logic, and practicality
 - ITAAC standardization and review
- New category added in Revision 1
 - ITAAC scope



ITAAC Scope

- Applicants should ensure ITAAC are written in a clear and objective manner. Some cases were identified where the scope was expanded, diminishing the objectivity and promoting a lack of clarity for what is required by the ITAAC
- Applicants should ensure revisions to ITAAC are thoroughly reviewed and the extent-of-condition fully evaluated and resolved.
 - Applicants should check revisions for applicability to all related system ITAAC and for impact of referenced SSC table revisions.
 - Applicants should check for extent-of-condition applicability, especially where ITAAC revisions or ITA activities generically apply to similar systems or components.

ITAAC format and content



- COL applicants should consider aggregating one complete ITAAC list of all ITAAC in the certified design and COL – representing all ITAAC applicable to a specific COL.
- DC and COL applicants should consider establishing a logical process for handling, identifying, and referencing ITAAC revisions. New ITAAC should be identified with the existing ITAAC they originated from.



ITAAC nomenclature and language



- Applicants should ensure ITAAC word usage is consistent with industry-accepted guidance. Differing definitions, such as those presented in the DCD, can cause misunderstanding of the ITAAC.
- Subjective terms should be avoided. These terms require interpretation to understand the ITAAC.



ITAAC focus, logic, and practicality



- Applicants should develop ITAAC that require direct inspection of construction as it occurs, rather than review of post-construction records
- Applicants should ensure ITA and AC match. There have been instances where the ITA required an inspection but the associated AC was a test.



ITAAC standardization and consistency



Updated category name from “ITAAC standardization and review”

- Applicants should ensure ITAAC references exist and provide the required information.
- Applicants should ensure ITAAC agrees with Tier 1 and Tier 2 information.



Questions and Comments

