

Technical Update for DAIMS Validation Rules v2.0.1

July 13, 2020

Change Summary

This single DAIMS document minor maintenance release 1) updates published validation rule documentation to address issues discovered while translating the business language of validation rules into the coded SQL language of the broker; 2) clarifies rule details; and 3) corrects issues surfaced during Broker testing and via agency feedback.

After finalizing a major release there is an expected period of discovery where the exercise of a standard in practice uncovers issues with the documentation. A maintenance release is used to address these issues and align DAIMS documentation with Broker implementation.

This is the only DAIMS document being updated to v2.0.1; the other DAIMS documents remain in force in their original 2.0 versions. The minor v2.0.1 validation rule changes were folded into the Broker implementation of the broader DAIMS v2.0.

Change Details

Specific changes in the DAIMS Validation Rules documentation in v2.0.1:

- Rule B21 checks to ensure that the TAS/DEFCs reported to GTAS are also reported in File B. However, the v2.0 validation rule document incorrectly says that B21 applies to File C as well. This update removes the reference to File C.
- Rule C5 was updated so that it does not trigger when Gross Outlay is the only SGL balance reported on a given File C row.
 - Explanation: C5 checks to ensure that the SGL and subtotal balances reported properly crosscheck against each other. However, since Gross Outlay is the only SGL element required per OMB M-20-21 (for COVID supplemental funded awards), agencies can opt to leave out the other SGL balances. But if agencies omit these other SGL balances while reporting Gross Outlay, they receive numerous C5 warnings. Agencies thus requested that we modify this rule to not trigger in the case that Gross Outlay is the only SGL balance provided in each row.
- Rules C8, C9, C11, C12, C23 are being modified so that they only apply when a transaction obligated amount is provided in File C; the rules now ignore rows where TOA is blank or null. This change was made because these rules carry out cross-file validations that compare transactional obligations between File C/D; the rules were not intended to compare File C SGL balances to anything in File D, since File D does not contain any analog to SGL balances.
- Rule C17 wording was updated to better describe when a value must be blank.
- Rule C26 checks to ensure that TAS/DEFC/SGL balances in File C cannot exceed that same TAS/DEFC/SGL combination in File B (since C must always be a subset of B). However, the v2.0

document only classifies Rule C26 as a File B rule, when in fact it also applies to File C as well and should be classified as a “cross-file validation”.

Required Agency Action

Agencies need to use replace the existing DAIMS Validation Rules v2.0 with version 2.0.1 for July 13, 2020 implementation.