Proposal changes to R3.1 implementation guide:

CHANGE REASON CODE – DN0413
Definition: A code indicating the type of change applied to the Change Data Element/Segment Number (DN0412).
Orig/Rev: 08/15/17
Record: R21, R22
Format: 1 A/N
Values:

> **A = Add -** A data element was previously blank/null in the database and has been changed to a value.
> **U = Update -** A data element was previously a value in the database and has been changed to another value.
> **R = Remove -** A data element was previously a value in the database and has been changed to blank/null.
> **D = Delete -** A variable segment occurrence has been ~~removed~~ deleted in its entirety. Data elements within the segment are not required to be identified in the change variable segment as ~~Remove~~Delete. The Delete code only applies to Variable segments.

DP Rule: DN0413 Change Reason Code shall only be sent on the MTC 02 to communicate the type of change being applied to DN0412 Change Data Element/Segment Number.
A change is recognized by the Claim Administrator when a data element in the Claim Administrator's database has been altered and the type of change is indicated using the values above.

Variable Segments:

- The D (Delete) code only applies to Variable Segments with the exception of Narrative DNs (DN0038 Accident/Injury Description Narrative, DN0276 Denial Reason Narrative, DN0287 Suspension Narrative, and DN0431 Narrative for Claim). Changes to Narrative DNs should be ~~removed~~ reported using the ~~Remove code when the entire narrative is removed.~~ U (Update) if the content of the narrative text is reduced or increased; D (Delete) should be used if the contents of the narrative is removed entirely.
- Changes to multiple occurrences of the same variable segment type on a single 02 Change transaction: Jurisdictions should evaluate all segments to recognize changes to the data in reported segments. Claim Administrators should include revisions that would have normally been reported with a U (Update) when reporting the A (Add) or D (Delete). The following hierarchy applies to Change Reason code:
    - A (Add) when number of occurrences is increased from previously reported (includes new additions and updates to remaining occurrences)
    - D (Delete) when number of occurrences is reduced from previously reported (includes deletions and updates to remaining occurrences)
    - U (Update) when number of occurrences is the same as previously reported (includes updates to any/all occurrences)

Background/justification of proposed changes:

The current DP rule causes inconsistent ways to handle Variable Segment data (R Remove for Narratives or D Delete for all others). The current definition of R indicates the value has been changed to blank/null – essentially deleting the segment when the segment is a narrative. Removing a narrative segment does not always result in blank/null.

Please consider the results and derivation of the Change reason code for following scenario: Sender submits FROI 00 with 2 occurrences of DN0038 because the original narrative text exceeded 50 bytes.

Current DP rule to use R (remove) could produce 2 different results when the data changes:

1. Sender reduces the length of the narrative text.
   a. 49 bytes. This would reduce the number of segments to 1. **Sender would have to compare the number of characters previously sent to the number of characters remaining in the text to recognize that the number of segments (DN0274/Number of Accident/Injury Description Narratives) is being reduced and set the Change Reason Code to R**. **Note:** This transaction would be accepted by the jurisdiction because the required description of the accident is still present even though one of the segments was removed.
   b. Blank/Null. This would reduce the number of segments to 0. A new edit may be required to notify the sender when "R" increases or decreases the content vs removal of the entire segment.

Proposed DP Rule to use D (Delete) preserves the definition of U (Update) and D (Delete) depending on whether data is present or not:

1. Sender reduces the length of the narrative text. **Sender only has to determine whether any data is present. If <u>any</u> data is still present in the Claim admin's system, the Change reason code would be set to U (Update); if no data is present the Change Reason Code would be set to D.** Results when the sender reduces the length of the narrative text:
   a. 49 bytes. This would reduce the number of segments to 1. Jurisdiction would accept the transaction with Change Reason Code of U because required data is still present. The U notifies the jurisdiction that the content has changed but doesn't attempt to determine how many segments are present for the narrative fields.
   b. Blank/null. This would reduce the number of segments to 0 – D (delete) segment. Jurisdiction specifies in their Element Requirement Table whether D is allowed for the segment or not. The 02 can be rejected with error message 123 (Invalid Change Reason Code relationship) because they do not allow the data (segment) to be deleted.

The scenarios above illustrate <u>reduction</u> of narrative text. If the narrative text is increased, does the sender have to derive an A (Add) based on the increased number of characters? Using U (Update) Change Reason Code simplifies the derivation of which code applies to the change. U (Update) is used regardless of whether the text is decreased or increased; jurisdictions are notified that the data is changed.

If this proposal is not approved, Systems Committee may have to consider adding a new error message depending on whether the sender is using "R" to remove a segment vs "R" to remove data from an element that only occurs once in the transaction.