| HL7 Version 2 Vocabulary Requests | **RECOMMENDATION ID[[1]](#footnote-1):** |  |
| --- | --- | --- |
| For Harmonization During: | June 2018 | PA\_0287 |
| Sponsored by[[2]](#footnote-2): | HL7 Orders & Observations Work Group | PSS ID[[3]](#footnote-3): |  |
| Date Approved by Sponsor: | <> | Sponsor’s Status[[4]](#footnote-4) | <> |
| Editor/ Author: | Riki Merrick |
| **PROPOSALNAME:**  | Modifications to V2 Table 0287 – Problem/Goal Action CodeRelated to v2.9 Ballot#301 |
| [x]  V2.9 Ballot [ ]  Technical/Errata for [ ]  Immediate Release [ ]  Other:  |

## SUMMARY RECOMMENDATION

Add 1 new code to the HL70287 table (Problem/Goal Action Code) to support unambiguous declaration of use of snapshot mode (not using the action codes at all)

**VOCABULARY OBJECTS CHANGE SUMMARY**

<<REQUIRED – fill in the numbers in the rightmost three columns that total the number of vocabulary changes in the proposal. This is used to cross-check the accuracy of capturing and applying the requested changes>>

|  |  |  |  |
| --- | --- | --- | --- |
| **Description** | **# to add** | **# to remove** | **# to change** |
| V2 Tables |  |  |  |
| V2 Table Codes | 1 |  |  |

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| --- |
| **POSITION OF CONCERNED ORGANIZATIONS:** |
| **ORG** | **RECOMMENDATION APPROVAL STATUS** | **AFFECTED ELEMENTS OF INTEREST TO ORG** |
| Patient Administration | approved on PA WG call on <> | Several segments that have the action code should be able to express when snapshot mode is in use - e.g. PRT-,  |
| OO | approved on OO WG call on <> | Several segments that have the action code should be able to express when snapshot mode is in use - e.g. PRT-, |

**ISSUE:**

Several segments (and any new segment) have the action code element to support dynamic mode – however many systems use snapshot mode – it is unclear how this is expressed in the current set up, so there is a desire to explicitly state “I am operating in snapshot mode”.

RELATED TO May2018 ballot of v2.9 #301

While looking into this I discovered, that the same item# (00816) is used with 2 different tables: HL70287 = Problem/Goal Action Code and HL70206 = Segment Action Code – though their concepts overlap (HL7206 is a subset (Add/Insert, Delete, Update, no change) of HL70287 (also has Correct, Link, Unlink), but they use different codes).

For the newly added OH segments and some other segments in Chapter 3, different item numbers were assigned for each instance, though they operate the same as the segment action code.

Chapters 8 and 17 are using another similar table: HL70180 = master file action code, with similar concepts (Add, Delete and Update, but different codes – it also uses De-activate and Re-activate). Each of these elements uses

Here is where they are used:

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| HL7 field used | element name | HL7 table number | item# | chapter# |
| ITM-38 | Field Level Event Code | HL70180 | 02419 | 17 |
| MFA-1 | Record-Level Event Code | HL70180 | 00664 | 8 |
| MFE-1 | Record-Level Event Code | HL70180 | 00664 | 8 |
| ARV-2 | Access Restriction Action Code | HL70206 | 02144 | 3 |
| BPX-22 | Action Code | HL70206 | 00816 | 4 |
| BTX-21 | Action Code | HL70206 | 00816 | 4 |
| BUI-13 | Action Code | HL70206 | 00816 | 4 |
| CDO-2 | Action Code | HL70206 | 00816 | 4A |
| CSR-17 | Action Code | HL70206 | 00816 | 7 |
| CTI-4 | Action Code | HL70206 | 00816 | 7 |
| DG1-21 | Diagnosis Action Code | HL70206 | 01894 | 6 |
| DON-34 | Action Code | HL70206 | 00816 | 4 |
| IAM-6 | Allergy Action Code | HL70206 | 01551 | 3 |
| IN1-55 | Insurance Action Code | HL70206 | 03335 | 6 |
| IPC-10 | Action Code | HL70206 | 00816 | 4 |
| LCH-2 | Segment Action Code | HL70206 | 00763 | 8 |
| LRL-2 | Segment Action Code | HL70206 | 00763 | 8 |
| OBR-55 | Action Code | HL70206 | 00816 | 4 |
| OBX-31 | Action Code | HL70206 | 00816 | 7 |
| OH1-2 | Occupational Health Action Code | HL70206 | 03517 | 3 |
| OH2-2 | Occupational Health Action Code | HL70206 | 03523 | 3 |
| OH3-2 | Occupational Health Action Code | HL70206 | 03536 | 3 |
| OH4-2 | Combat Zone Work Action Code | HL70206 | 03542 | 3 |
| OMC-2 | Segment Action Code | HL70206 | 00763 | 8 |
| ORC-35 | Action Code | HL70206 | 00816 | 4 |
| PAC-9 | Action Code | HL70206 | 00816 | 7 |
| PR1-20 | Procedure Action Code | HL70206 | 01849 | 6 |
| RXA-20 | Action Code - RXA | HL70206 | 01224 | 4A |
| RXV-22 | Action Code | HL70206 | 00816 | 4A |
| SHP-12 | Action Code | HL70206 | 00816 | 7 |
| SPM-35 | Action Code | HL70206 | 00816 | 7 |
| DEV-1 | Action Code | HL70287 | 00816 | 17 |
| GOL-1 | Action Code | HL70287 | 00816 | 12 |
| PRB-1 | Action Code | HL70287 | 00816 | 12 |
| PRT-2 | Action Code | HL70287 | 00816 | 7 |
| PTH-1 | Action Code | HL70287 | 00816 | 12 |
| ROL-2 | Action Code | HL70287 | 00816 | 15 |

It seems table HL70180 is separate enough and has different item numbers, so ok as is.

For HL70206 and HL70287 - is there a need for both tables – and if yes, shouldn’t the elements have different item#?

For PRT-2 should use the HL70206 table, since its use is not related to a goal or problem – there was a CR that made that request, but it was not incorporated into the current v2.9: <http://wiki.hl7.org/index.php?title=OO_CR_189-849_Action_Codes>, so up for discussion, if the other fields that use HL70287 need this addition – it was voted on in PA during ballot reconciliation to do, so would need to re-open item and adjust resolution, if not added.

**CURRENT STATE - EXISTING TABLE VALUES:**

[HL70287](#_0119_–_Order)

**OPTIONS CONSIDERED**:

**RATIONALE:**

**RECOMMENDATION DETAILS: (inline or associated spreadsheet)**

[x]  New Code Value for an Existing Table

Table Name: Problem/Goal Action Code

Table number: 0287

| **Code Value** | **Print Name** | **Description** | **Usage Note** | **Comment** |
| --- | --- | --- | --- | --- |
| SP | Used in Snapshot ode | Declares when segment falls under snapshot mode handling, i.e. all elements that were previously sent will be sent, not just any changes | Snapshot mode is the expected default; use this code to explicitly state that. |  |
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Also UPDATE TABLE METADATA:

Concept Domain Information

|  |  |
| --- | --- |
| Concept Domain Name | Problem\_GoalActionCode |
| Description | The domain of possible values to Patient Care for the intent of a problem or goal. |
| Concept Domain Only | no |

Code System Identification Information

|  |  |
| --- | --- |
| OID | 2.16.840.1.113883.18.3 |
| symbolicName | problem-goalAction |
| Description | HL7-defined code system of concepts used in Patient Care for the intent of a problem or goal. Used in HL7 Version 2.x messaging in the GOL, ROL, PRB and PTH segments. |

Code System Version Information

|  |  |
| --- | --- |
| Effective Date | 07.04.1997 |
| Version | 1 |
| HL7 Version Introduced | 2.3 |

Value Set Information

|  |  |
| --- | --- |
| OID | 2.16.840.1.113883.21.191 |
| symbolicName | hl7VS-actionCode |
| Description | Concepts in Patient Care for the intent of a problem or goal. Used in Version 2 messaging in the GOL segment.used in Patient Care for the intent of a problem or goal. |
| Content Logical Definition | all codes from code system |

Binding Information

|  |  |
| --- | --- |
| Realm | universal |

Table Metadata

|  |  |
| --- | --- |
| Table | 0287 |
| Description | HL7-defined table of codes used in Patient Care for the intent of a problem or goal. |
| Type | HL7 |
| Steward | PA |
| where used | ROL-2, GOL-1, PRB-1, PTH-1 |
| HL7 Version Introduced | 2.3 |

[ ]  Change to existing Code (comment only)

Table number:

Old Code:

Change Code To:

Old print/display name:

New print/display name:

Old Description and Comment:

New Description:

New Comment/Usage Note:

Change code status from:

[ ]  Active

[ ]  Deprecated

[ ]  Backwards compatibility only

[ ]  Retired

To:

[ ]  Active

[ ]  Deprecated

[ ]  Backwards compatibility only

[ ]  Retired

[ ]  Change to Table: *(table number)*

[ ]  Change Name

Old Name:

New Name:

[ ]  Change/Add Table Description: *(table number)*

New Description:

[ ]  Add a new Table

Table Name:

Table Description:

Chapter(s) Where Used:

Field(s) Where Used:

Table Type:

Steward WG:

Defining URL Web representation:

Codes for new table – here ONLY for review Purposes – NOT TO BE ENUMERATED IN CHAPTER 2C

| **Code Value** | **Print Name** | **Description** | **Usage Note** | **Comment** |
| --- | --- | --- | --- | --- |
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**DISCUSSION:**

<>

**ACTION ITEMS:**

**RESOLUTION:**

Vocab to implement recommendation.

**Current state (from v2.9 ballot):**

### 0278 -Problem/Goal Action Code

Concept Domain Information

|  |  |
| --- | --- |
| Concept Domain Name | Problem\_GoalActionCode |
| Description | The domain of possible values to Patient Care for the intent of a problem or goal. |
| Concept Domain Only | no |

Code System Identification Information

|  |  |
| --- | --- |
| OID | 2.16.840.1.113883.18.3 |
| symbolicName | problem-goalAction |
| Description | HL7-defined code system of concepts used in Patient Care for the intent of a problem or goal. Used in HL7 Version 2.x messaging in the GOL, ROL, PRB and PTH segments. |

Code System Version Information

|  |  |
| --- | --- |
| Effective Date | 07.04.1997 |
| Version | 1 |
| HL7 Version Introduced | 2.3 |

Value Set Information

|  |  |
| --- | --- |
| OID | 2.16.840.1.113883.21.191 |
| symbolicName | hl7VS-actionCode |
| Description | Concepts used in Patient Care for the intent of a problem or goal. Used in Version 2 messaging in the GOL segment. |
| Content Logical Definition | all codes from code system |

Binding Information

|  |  |
| --- | --- |
| Realm | universal |

Table Metadata

|  |  |
| --- | --- |
| Table | 0287 |
| Description | HL7-defined table of codes used in Patient Care for the intent of a problem or goal. |
| Type | HL7 |
| Steward | PA |
| where used | ROL-2, GOL-1, PRB-1, PTH-1 |
| HL7 Version Introduced | 2.3 |

Table 0287 Coded Content

| Value | Display Name | Definition | Comment/ Usage Note | Status |
| --- | --- | --- | --- | --- |
| AD | ADD |  |  |  |
| CO | CORRECT |  |  |  |
| DE | DELETE |  |  |  |
| LI | LINK |  |  |  |
| UC | UNCHANGED | UNCHANGED \* | The UNCHANGED action code is used to signify to the applications programs that this particular segment includes no information to be modified. It is supplied in order to identify the correct record for which the following modification is intended |  |
| UN | UNLINK |  |  |  |
| UP | UPDATE |  |  |  |

1. identifier by which proposal is known to sponsor [↑](#footnote-ref-1)
2. must be sponsored by an HL7 Work Group, the HL7 International Committee or an ANSI or ISO accredited SDO [↑](#footnote-ref-2)
3. project ID from Project Insight for reference, if proposal is from a PSS approved project [↑](#footnote-ref-3)
4. for sponsor tracking only, Sponsor’s status **must** be “Approved” for final submission to Harmonization [↑](#footnote-ref-4)