|  |  |
| --- | --- |
| HL7 Version 2.9 Chapter 4 | |
| *Change Request ID:* |  |
| *File Name:* |  |
| *Description:* | *The proposal provides the possibility for commenting common order information, specimens and specimen containers in laboratory order submissions* |
| *Status:* | *New Proposal* |
| *Sponsoring Person* |  |
| *Sponsoring Business Unit* |  |
| *Date Originated:* | *June 10, 2013* |
| *Date HL7 approved:* |  |
| *Backward Compatible:* | *Yes* |
| *Forward Compatible:* | *Yes* |
| *HL7 Status & Date* |  |

# 

# Justification Detail:

As of HL7 v.2.8, there is no possibility to include notes and comments about common order information, specimens and specimen containers into laboratory order submission messages. The given change request introduces segments NTE after ORC, SPM, SAC in the corresponding message structures.

Note that SPM-14 “Specimen Description” is not sufficient, because each repetition is limited to 250 characters, and there is no possibility to specify comment source and type as in NTE‑2 and NTE‑4. Moreover, in ORL\_036, there are already NTE segments associated with SPM; reproducing that in other message structures will serve for uniformity.

# Open Issues

None known.

# Change Request Impact:

None known.

# Documentation Changes:

## Message structure changes:

OMG^O19^OMG\_O19: General Clinical Order Message

| **Segments** | **Description** | **Status** | **Chapter** |
| --- | --- | --- | --- |

*(…non-relevant part of the message structure is skipped for brevity…)*

|  |  |  |  |
| --- | --- | --- | --- |
| { | --- ORDER begin |  |  |
| ORC | Common Order |  | 4 |
| **[{NTE}]** | **Notes and Comments (for Order)** |  | **2** |
| [{PRT}] | Participation (for Common Order) |  | 7 |
| [{ | --- TIMING begin |  |  |
| TQ1 | Timing/Quantity |  | 4 |
| [{TQ2}] | Timing/Quantity Order Sequence |  | 4 |
| }] | --- TIMING end |  |  |
| OBR | Observation |  | 4 |
| [{NTE}] | Notes and Comments (for Detail) |  | 2 |
| [{PRT}] | Participation (for Order) |  | 7 |
| [ CTD ] | Contact Data |  | 11 |
| [{DG1}] | Diagnosis |  | 6 |
| [{ | --- OBSERVATION begin |  |  |
| OBX | Observation/Result |  | 7 |
| [{PRT}] | Participation (for Observation) |  | 7 |
| [{NTE}] | Notes and Comments (for Results) |  | 2 |
| }] | --- OBSERVATION end |  |  |
| [{ | --- SPECIMEN begin |  |  |
| SPM | Specimen |  | 7 |
| **[{NTE}]** | **Notes and Comments (for Specimen)** |  | **2** |
| [{ | --- SPECIMEN\_OBSERVATION begin |  |  |
| OBX | Observation/Result |  | 7 |
| [{PRT}] | Participation (for Specimen Observation) |  | 7 |
| }] | --- SPECIMEN\_OBSERVATION end |  |  |
| [{ | --- CONTAINER begin |  |  |
| SAC | Specimen Container |  | 13 |
| **[{NTE}]** | **Notes and Comments (for Specimen Container)** |  | **2** |
| [{ | --- CONTAINER\_OBSERVATION begin |  |  |
| OBX | Observation/Result |  | 7 |
| [{PRT}] | Participation (for Container Observation) |  | 7 |

*(…non-relevant part of the message structure is skipped for brevity…)*

OML^O21^OML\_O21: Laboratory Order Message

| **Segments** | **Description** | **Status** | **Chapter** |
| --- | --- | --- | --- |

*(…non-relevant part of the message structure is skipped for brevity…)*

|  |  |  |  |
| --- | --- | --- | --- |
| { | --- ORDER begin |  |  |
| ORC | Common Order |  | 4 |
| **[{NTE}]** | **Notes and Comments (for Order)** |  | **2** |
| [{PRT}] | Participation (for Common Order) |  | 7 |
| [{ | --- TIIMING begin |  |  |
| TQ1 | Timing/Quantity |  | 4 |
| [{TQ2}] | Timing/Quantity Order Sequence |  | 4 |
| }] | --- TIMING end |  |  |
| [ | --- OBSERVATION\_REQUEST begin |  |  |
| OBR | Observation Request |  | 4 |
| [ TCD ] | Test Code Details |  | 13 |
| [{NTE}] | Notes and Comments (for Detail) |  | 2 |
| [{PRT}] | Participation (for Observation Request) |  | 7 |
| [ CTD ] | Contact Data |  | 11 |
| [{DG1}] | Diagnosis |  | 6 |
| [{ | --- OBSERVATION begin |  |  |
| OBX | Observation/Result |  | 7 |
| [{PRT}] | Participation (for OBX) |  | 7 |
| [ TCD ] | Test Code Detail |  | 13 |
| [{NTE}] | Notes and Comments (for Results) |  | 2 |
| }] | --- OBSERVATION end |  |  |
| [{ | --- SPECIMEN begin |  |  |
| SPM | Specimen |  | 7 |
| **[{NTE}]** | **Notes and Comments (for Specimen)** |  | **2** |
| [{ | --- SPECIMEN\_OBSERVATION begin |  |  |
| OBX | Observation/Result related to specimen |  | 7 |
| [{PRT}] | Participation (for Specimen Observation) |  | 7 |
| }] | --- SPECIMEN\_OBSERVATION end |  |  |
| [{ | --- CONTAINER begin |  |  |
| SAC | Specimen Container |  | 13 |
| **[{NTE}]** | **Notes and Comments (for Specimen Container)** |  | **2** |
| [{ | --- CONTAINER\_OBSERVATION begin |  |  |
| OBX | Observation/Result related to container |  | 7 |
| [{PRT}] | Participation (for Container Observation) |  | 7 |

*(…non-relevant part of the message structure is skipped for brevity…)*

OML^O33^OML\_O33: Laboratory Order – Multiple Order Per Specimen Message

| **Segments** | **Description** | **Status** | **Chapter** |
| --- | --- | --- | --- |

*(…non-relevant part of the message structure is skipped for brevity…)*

|  |  |  |  |
| --- | --- | --- | --- |
| { | --- SPECIMEN begin |  |  |
| SPM | Specimen |  | 7 |
| **[{NTE}]** | **Notes and Comments (for Specimen)** |  | **2** |
| [{ | --- SPECIMEN\_OBSERVATION begin |  |  |
| OBX | Observations related to specimen |  | 7 |
| [{PRT}] | Participation (for Specimen Observation) |  | 7 |
| }] | --- SPECIMEN\_OBSERVATION end |  |  |
| **[{** | **-- SPECIMEN\_CONTAINER BEGIN** |  |  |
| **~~[{~~**SAC**~~}]~~** | Specimen Container |  | 13 |
| **[{NTE}]** | **Notes and Comments (for Specimen Container)** |  | **2** |
| **}]** | **-- SPECIMEN\_CONTAINER END** |  |  |
| { | --- ORDER begin |  |  |
| ORC | Common Order |  | 4 |
| **[{NTE}]** | **Notes and Comments (for Order)** |  | **2** |
| [{PRT}] | Participation (for Common Order) |  | 7 |
| [{ | --- TIIMING begin |  |  |
| TQ1 | Timing/Quantity |  | 4 |
| [{ TQ2 }] | Timing/Quantity Order Sequence |  | 4 |
| }] | --- TIMING end |  |  |
| [ | --- OBSERVATION\_REQUEST begin |  |  |

*(…non-relevant part of the message structure is skipped for brevity…)*

OML^O35^OML\_O35: Laboratory Order – Multiple Order Per Container of Specimen Message

| **Segments** | **Description** | **Status** | **Chapter** |
| --- | --- | --- | --- |

*(…non-relevant part of the message structure is skipped for brevity…)*

|  |  |  |  |
| --- | --- | --- | --- |
| { | --- SPECIMEN begin |  |  |
| SPM | Specimen |  | 7 |
| **[{NTE}]** | **Notes and Comments (for Specimen)** |  | **2** |
| [{ | --- SPECIMEN\_OBSERVATION begin |  |  |
| OBX | Observations related to specimen |  | 7 |
| [{PRT}] | Participation (for Speciment Observation) |  | 7 |
| }] | --- SPECIMEN\_OBSERVATION end |  |  |
| { | --- SPECIMEN\_CONTAINER begin |  |  |
| SAC | Specimen Container |  | 13 |
| **[{NTE}]** | **Notes and Comments (for Specimen Container)** |  | **2** |
| { | --- ORDER begin |  |  |
| ORC | Common Order |  | 4 |
| **[{NTE}]** | **Notes and Comments (for Order)** |  | **2** |
| [{PRT}] | Participation (for Order) |  | 7 |
| [{ | --- TIIMING begin |  |  |
| TQ1 | Timing/Quantity |  | 4 |

*(…non-relevant part of the message structure is skipped for brevity…)*

OML^O39^OML\_O39: Specimen Shipment Centric Laboratory Order Message

| **Segments** | **Description** | **Status** | **Chapter** |
| --- | --- | --- | --- |

*(…non-relevant part of the message structure is skipped for brevity…)*

|  |  |  |  |
| --- | --- | --- | --- |
| { | --- ORDER begin |  |  |
| ORC | Common Order |  | 4 |
| **[{NTE}]** | **Notes and Comments (for Order)** |  | **2** |
| [{PRT}] | Participation (for Order) |  | 7 |
| [{ | --- TIMING begin |  |  |
| TQ1 | Timing/Quantity |  | 4 |
| [{TQ2}] | Timing/Quantity Order Sequence |  | 4 |
| }] | --- TIMING end |  |  |
| [ | --- OBSERVATION\_REQUEST begin |  |  |
| OBR | Observation Request |  | 4 |
| [ TCD ] | Test Code Details |  | 13 |
| [{NTE}] | Notes and Comments (for Detail) |  | 2 |
| [{PRT}] | Participation (for Observation) |  | 7 |
| [ CTD ] | Contact Data |  | 11 |
| [{DG1}] | Diagnosis |  | 6 |
| [{ | --- OBSERVATION begin |  |  |
| OBX | Observation/Result |  | 7 |
| [{PRT}] | Participation (for Observation) |  | 7 |
| [ TCD ] | Test Code Detail |  | 13 |
| [{NTE}] | Notes and Comments (for Results) |  | 2 |
| }] | --- OBSERVATION end |  |  |
| [{ | --- SPECIMEN\_SHIPMENT begin |  |  |
| SHP | Shipment Segment |  |  |
| [{ | --- SHIPMENT\_OBSERVATION begin |  |  |
| OBX | Observation/Result Segment (Additional Shipping Information) |  |  |
| [{PRT}] | Participation (for OBX) |  | 7 |
| }] | --- SHIPMENT\_OBSERVATION end |  |  |
| { | --- PACKAGE Begin |  |  |
| PAC | Shipping Package Segment |  |  |
| [{ | --- SPECIMEN\_IN\_PACKAGE begin |  |  |
| SPM | Specimen Information |  | 13.4.3 |
| **[{NTE}]** | **Notes and Comments (for Specimen)** |  | **2** |
| [{ | --- SPECIMEN OBSERVATION begin |  |  |
| OBX | Observation/Result Segment (For Specimen) |  |  |
| [{ PRT }] | Participation (for Specimen Observation) |  | 7 |
| }] | --- SPECIMEN OBSERVATION end |  |  |
| [{ | --- SPECIMEN\_CONTAINER\_IN\_PACKAGE begin |  |  |
| SAC | Container Information |  | 7.4.3 |
| **[{NTE}]** | **Notes and Comments (for Specimen Container)** |  | **2** |
| [{ | --- CONTAINER\_OBSERVATION begin |  |  |
| OBX | Observation/Result Segment (For Container) |  |  |
| [{PRT}] | Participation (for Container Observation) |  | 7 |
| }] | --- CONTAINER\_OBSERVATION end |  |  |
| }] | --- SPECIMEN\_CONTAINER\_IN\_PACKAGE end |  |  |

*(…non-relevant part of the message structure is skipped for brevity…)*