Some general points:

1. We added the CS IDs back in if it was “essentially” not changed (wasn’t sure if added “drawn from code system…” would trigger a change in the ID)
2. For MSH-9 we use the following convention (this is not critical but you have to pick one):

LOI-XXX: MSH-9.1 (Message Code) SHALL contain the value 'ORL' drawn from the code system "HL70076".

LOI-XXX: MSH-9.2 (Trigger Event) SHALL contain the value 'O22' drawn from the code system "HL70003".

LOI-XXX: MSH-9.3 (Message Structure) SHALL contain the value 'ORL\_O22' drawn from the code system "HL70354".

KEY POINTS:

* 1. Harmonized across all guides (LOI is this way, eDOS and LRI are not)
  2. Better to break apart
     1. 1 requirement = 1 statement (good thing for implementers and reporting/understanding errors)
     2. Shouldn’t intertwine message formatting in CSs, e.g., X^Y^Z (the ^ is just a format character and is only valid because we fixed the delimiters, if we did not then this is invalid)

1. Split CS such as: LOI-20 (**LOI-20**: MSH-9 (Message Type) **SHALL** contain the value ‘ACK^O21^ACK’ or ‘ORL^O22^ORL\_O22’. These are separate requirements for different profiles—should not co-mingle.
2. Use CS headings instead of IF statements

**Replace:**

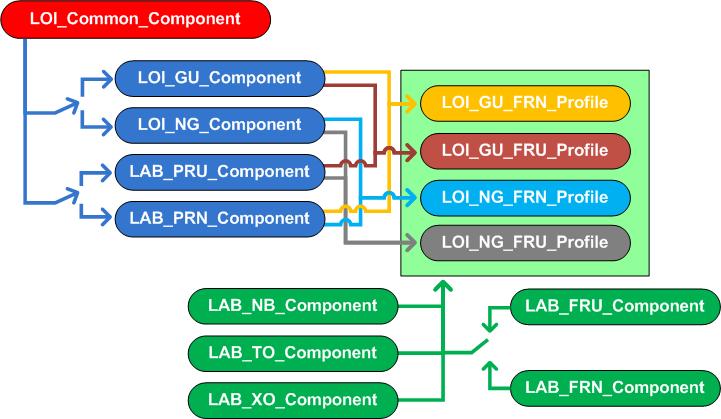
**eDOS-25:** If MSH-9.2 (Message Type^Trigger Event) is valued ‘M04’ then MFI-1.1 (Identifier) **SHALL** be valued ‘CDM’.

**WITH:**

**eDOS\_Common\_Component (M04 message only)**

**eDOS-25:** MFI-1.1 (Identifier) SHALL be valued ‘CDM’ drawn from the code system "HL70175".

No need for the “IF” if headings are used. You’re asking the question if “I” am “I”. Within an object you don’t determine your context.

****

There’s an implied hierarchy of requirements from our profile architecture, the only thing the picture doesn’t show is what comes up from the base. I suggest we standardize on the sequence and heading for the conformance statements across the sections/IGS as follows (if/when they are needed):

**Base** (anything that is universal to all messages in the IG so we don’t have to repeat the rule and would prefix all of those with **LAB**-nnn instead of LRI-, LOI-, EDOS-, they would then be synced across the IGs.

LAB-XXX: VID.1 (Version Identifier) SHALL be valued with '2.5.1' drawn from the code system "HL70104".

**xxx\_Common\_**

**xxx\_GU\_xRU\_**

**xxx\_GU\_**

**xxx\_xRU\_**

**xxx\_GU\_xRN\_**

**xxx\_NG\_**

**xxx\_xRN\_**

(repeat for the major required groups in the light green box followed by the optional items in whatever order we describe them in the conformance to this guide section)

**LAB\_NB (if any)**

**LAB\_TO (if any)**

Etc.

This approach should allow us to state each rule once if at all possible.

**LOI**

LOI\_GU\_Component :

**LOI-1**: EI\_GU.4 (Universal ID Type) SHALL contain the value 'ISO' drawn from code system "HL70301".

**LOI-2**: HD\_GU.3 (Universal ID Type) SHALL contain the value 'ISO' drawn from code system "HL70301".

LOI\_Common\_Component :

**LOI-5**: VID.1 (Version Identifier) SHALL be valued with '2.5.1' drawn from the code system "HL70104".

LOI\_Common\_Component :

**LOI-9**: MSH-9.1 (Message Code) SHALL contain the constant value 'OML' drawn from the code system "HL70076".

**LOI-10**: MSH-9.2 (Trigger Event) SHALL contain the constant value 'O21' drawn from the code system "HL70003".

**LOI-11**: MSH-9.3 (Message Structure) SHALL contain the constant value 'OML\_O21' drawn from the code system "HL70354".

LOI\_Acknowledgement\_Component

LOI-XXX: MSH-9.1 (Message Code) SHALL contain the value 'ACK' drawn from the code system "HL70076".

LOI-XXX: MSH-9.2 (Trigger Event) SHALL contain the value 'O21' drawn from the code system "HL70003".

LOI-XXX: MSH-9.3 (Message Structure) SHALL contain the value 'ACK' drawn from the code system "HL70354".

**LOI-21**: MSH-12.1 (Version ID) SHALL contain the constant value '2.5.1' drawn from the code system "HL70104".

LOI-22: MSH-15 (Accept Acknowledgement Type) SHALL contain the constant value 'NE' drawn from the code system "HL70155".

**LOI-23**: MSH-16 (Application Acknowledgement Type) SHALL contain the constant value 'NE' drawn from the code system "HL70155".

LOI\_ORL\_Acknowledgement\_Component

LOI-XXX: MSH-9.1 (Message Code) SHALL contain the value 'ORL' drawn from the code system "HL70076".

LOI-XXX: MSH-9.2 (Trigger Event) SHALL contain the value 'O22' drawn from the code system "HL70003".

LOI-XXX: MSH-9.3 (Message Structure) SHALL contain the value 'ORL\_O22' drawn from the code system "HL70354".

LOI-XXX: MSH-12.1 (Version ID) SHALL contain the constant value '2.5.1' drawn from the code system "HL70104".

**LOI-24**: MSH-15 (Accept Acknowledgement Type) SHALL contain the constant value 'AL' drawn from the code system "HL70155".

**LOI-25**MSH-16 (Application Acknowledgement Type) SHALL contain the constant value 'NE' drawn from the code system "HL70155".

LOI\_Common\_Component :

**LOI-56**: PRT-2 (Action Code) SHALL be valued with 'AD' drawn from the code system "HL70287".

**LRI**

LRI\_GU Profile

**LRI-2**: EI\_GU.4 (Universal ID Type) SHALL contain the value “ISO” drawn from the code system " HL70301".

**LRI-3**: HD\_GU.3 (Universal ID Type) SHALL contain the value “ISO” drawn from the code system " HL70301".

LRI\_Common\_Component

LRI-XXX: MSH-9.1 (Message Code) SHALL contain the value 'ORU' drawn from the code system "HL70076".

LRI-XXX: MSH-9.2 (Trigger Event) SHALL contain the value 'R01' drawn from the code system "HL70003".

LRI-XXX: MSH-9.3 (Message Structure) SHALL contain the value 'ORU\_R01' drawn from the code system "HL70354".

**LRI-9**: MSH-12.1 (Version ID) SHALL contain the constant value '2.5.1' drawn from the code system "HL70104".

LRI\_Acknowledgement\_Component

LRI-XXX: MSH-9.1 (Message Code) SHALL contain the value 'ACK' drawn from the code system "HL70076".

LRI-XXX: MSH-9.2 (Trigger Event) SHALL contain the value 'R01' drawn from the code system "HL70003".

LRI-XXX: MSH-9.3 (Message Structure) SHALL contain the value 'ACK' drawn from the code system "HL70354".

**LRI-16**: MSH-12.1 (Version ID) SHALL contain the constant value '2.5.1' drawn from the code system "HL70104".

**LRI-17**: MSH-15 (Accept Acknowledgement Type) SHALL contain the constant value 'NE' drawn from the code system "HL70155".

LRI-21: MSH-16 (Application Acknowledgement Type) SHALL contain the constant value 'NE' drawn from the code system "HL70155".

**eDOS**

A few notes :

1. the one in yellow are not single values, but it would be REALLY nice to change the heading to  what we propose ( to get rid of that “If MSH-9 is valued blablabla”). Best thing (if they still don’t want to create different profiles), would be to use the same kind of heading in front of all the conformance statements section: identify the profile component and then the message type.
2. suggest removing either the VID one or the MSH.12 one.
   1. If removing the VID one, add a statement on MSH.12 for eDOS\_Acknowledgement\_Component  (all message types) to fix value of version in the MFK messages.
   2. If removing the MSH.12 one, change the heading of the VID one to include eDOS\_Acknowledgement\_Component   as well.
3. [FH] eDOS IG has following statement in ‘Convention’ section as result of LRI #332; has this been added to other Lab IGs?.

|  |
| --- |
| * If the Value Set is constrained to a single value, it will be represented as a conformance statement in the IG proper as well as remain part of the master listing of value sets used by this IG. |

1. [FH] Changes below are, at least in my opinion, above/beyond adding/updating CS for single value. I thought we had agreed not to create message profiles at this time, that NIST would publish guidance on their site (per CS All Lab.docx below) and we created LRI All Lab ballot #982 and flagged as “Considered for Future Use” to address in Normative release. I’ve included the existing eDOS CS/text as comment below because, if we are now reversing position, and eDOS ballot reconciliation has closed and been posted for negative vote withdrawl, I think we have to possibly reopen/advise eDOS WG and OO of all these revisions.

eDOS\_GU Profile (all message types)

**eDOS-1 :** EI\_GU.4 (Universal ID Type) SHALL contain the value ‘ISO’ drawn from the code system " HL70301".

**eDOS-3**: HD\_GU.3 (Universal ID Type) SHALL contain the value ‘ISO’ drawn from the code system " HL70301".

eDOS\_Common\_Component (all message types)

**eDOS-5:** VID.1 (Version Identifier) SHALL be valued with ‘2.5.1’ drawn from the code system "HL70104".

eDOS\_Common\_Component (all message types)

**eDOS-9**: MSH-15 (Accept Acknowledgment Type) SHALL contain the constant value 'AL' drawn from the code system "HL70155".

**eDOS-10:** MSH-16 (Application Acknowledgment Type) SHALL contain the constant value 'NE' drawn from the code system "HL70155".

eDOS\_Common\_Component (M04 message only)

eDOS-XXX: MSH-9.1 (Message Code) SHALL contain the value 'MFN' drawn from the code system "HL70076".

eDOS-XXX: MSH-9.2 (Trigger Event) SHALL contain the value 'M04' drawn from the code system "HL70003".

eDOS-XXX: MSH-9.3 (Message Structure) SHALL contain the value 'MFN\_M04' drawn from the code system "HL70354".

eDOS\_Common\_Component (M08 message only)

eDOS-XXX: MSH-9.1 (Message Code) SHALL contain the value 'MFN' drawn from the code system "HL70076".

eDOS-XXX: MSH-9.2 (Trigger Event) SHALL contain the value 'M08' drawn from the code system "HL70003".

eDOS-XXX: MSH-9.3 (Message Structure) SHALL contain the value 'MFN\_M08' drawn from the code system "HL70354".

eDOS\_Common\_Component (M10 message only)

eDOS-XXX: MSH-9.1 (Message Code) SHALL contain the value 'MFN' drawn from the code system "HL70076".

eDOS-XXX: MSH-9.2 (Trigger Event) SHALL contain the value 'M10' drawn from the code system "HL70003".

eDOS-XXX: MSH-9.3 (Message Structure) SHALL contain the value 'MFN\_M10' drawn from the code system "HL70354".

eDOS\_Common\_Component (M18 message only)

eDOS-XXX: MSH-9.1 (Message Code) SHALL contain the value 'MFN' drawn from the code system "HL70076".

eDOS-XXX: MSH-9.2 (Trigger Event) SHALL contain the value 'M18' drawn from the code system "HL70003".

eDOS-XXX: MSH-9.3 (Message Structure) SHALL contain the value 'MFN\_M18' drawn from the code system "HL70354".

eDOS\_Acknowledgement\_Component  (M04 message only)

eDOS-XXX: MSH-9.1 (Message Code) SHALL contain the value 'MFK' drawn from the code system "HL70076".

eDOS-XXX: MSH-9.2 (Trigger Event) SHALL contain the value 'M04' drawn from the code system "HL70003".

eDOS-XXX: MSH-9.3 (Message Structure) SHALL contain the value 'MFK\_M01' drawn from the code system "HL70354".

eDOS\_Acknowledgement\_Component  (M08 message only)

eDOS-XXX: MSH-9.1 (Message Code) SHALL contain the value 'MFK' drawn from the code system "HL70076".

eDOS-XXX: MSH-9.2 (Trigger Event) SHALL contain the value 'M08' drawn from the code system "HL70003".

eDOS-XXX: MSH-9.3 (Message Structure) SHALL contain the value 'MFK\_M01' drawn from the code system "HL70354".

eDOS\_Acknowledgement\_Component  (M10 message only)

eDOS-XXX: MSH-9.1 (Message Code) SHALL contain the value 'MFK' drawn from the code system "HL70076".

eDOS-XXX: MSH-9.2 (Trigger Event) SHALL contain the value 'M10' drawn from the code system "HL70003".

eDOS-XXX: MSH-9.3 (Message Structure) SHALL contain the value 'MFK\_M01' drawn from the code system "HL70354".

eDOS\_Acknowledgement\_Component  (M18 message only)

eDOS-XXX: MSH-9.1 (Message Code) SHALL contain the value 'MFK' drawn from the code system "HL70076".

eDOS-XXX: MSH-9.2 (Trigger Event) SHALL contain the value 'M18' drawn from the code system "HL70003".

eDOS-XXX: MSH-9.3 (Message Structure) SHALL contain the value 'MFK\_M01' drawn from the code system "HL70354".

eDOS\_Common\_Component (M04 message only)

**eDOS-25:** MFI-1.1 (Identifier) SHALL be valued ‘CDM’ drawn from the code system "HL70175".

eDOS\_Common\_Component (M08 message only)

**eDOS-26:** MFI-1.1 (Identifier) SHALL be valued ‘OMA’ or 'OME ' drawn from the code system "HL70175".

eDOS\_Common\_Component (M10 message only)

**eDOS-27:** MFI-1.1 (Identifier) SHALL be valued ‘OMC’ or 'OME' drawn from the code system "HL70175".

eDOS\_Common\_Component (M18 message only)

**eDOS-28:** MFI-1.1 (Identifier) SHALL be valued ‘MLCP’ or 'MACP' drawn from the code system "HL70175".

eDOS\_Common\_Component (all message types)

**eDOS-29:** MFI-6 (Response Level Code) SHALL be valued ‘NE’ drawn from the code system "HL70179".

eDOS\_Common\_Component (all message types)

**eDOS-30:** MFE-5 (Primary Key Value Type) SHALL be valued ‘CWE’ drawn from the code system "HL70355".

Conformance Statements (M04 messages only):

**eDOS-**xx: CDM-7.3 (Procedure Code.Code system) SHALL be valued ‘C4’ drawn from HL7 table 0088.