CP-PCD-nnn-mm

<same as the Log Summary field below>

IHE Change Proposal

Tracking information:

IHE Domain	Patient Care Devices
Change Proposal ID:	CP-PCD-nnn-mm
Change Proposal Status:	Submitted to ACM WG, will then move to PCD TC for vote
Date of last update:	2012.12.**18**
Person assigned:	Monroe Pattillo

Change Proposal Summary information:

ACM Updates	
Submitter's Name(s) and e-mail address(es):	Monroe Pattillo <monroe.pattillo@gmail.com>
Submission Date:	2012.12.**18**
Integration Profile(s) affected:	ACM
Actor(s) affected:	AR, AM
IHE Technical Framework or Supplement modified:	ACM Supplement, Trial Implementation dated 2012.08.16
Volume(s) and Section(s) affected:	Volume 2 and Appendix Examples

Rationale for Change:

A number of updates have been identified for the ACM Supplement, Trial Implementation since it was published:

1. Clarify in PCD-04 which components of MSH-21 are required or require specific content.
2. Changed datatype of OBR-4 from CE to CWE and value to be consistent with PCD TF and rest of ACM TI.
3. Change table of OBR content to include OBR-29 as per the ACM TI updated text for this cycle.
4. Clarify datatype and content of OBX-3 of the second facet (alarm source) in PCD-04 for technical alarms.
5. Clarify datatype and content of OBX-5 of the second facet (alarm source) in PCD-04 for technical alarms.
6. Update PCD-04 examples to correct MSH-21.
7. Update PCD-04 examples to correct OBR-4.
8. Updated PCD-04 examples to correct OBR-29.
9. Update PCD-04 examples to correct the second facet OBX segment for technical alarms.
10. **Corrected PCD-04 examples MSH-19 for PCD TF 3rd component correction from ISO659 to ISO639.**

Add the following to the end of Section 3.Z.1.1 – MSH-21 Message Profile Identifier, line 843

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<same as the Log Summary field below>

The required values for components MSH-21.2 and MSH-21.3 are listed in the table.

While values are required in components MSH-21.1 and MSH-21.2, the values listed in the table are proposed.

Change table 3.Z.5-1 in Section 3.Z.5 OBR Observation Request Segment, line 913

Change SEQ row 4 as follows…

Len from 250 to 705

DT from CE to CWE

Add the following to table 3.Z.5-1 in Section 3.Z.5 OBE Observation Request Segment,m line 913

Add row at end of table…

SEQ = 29

Len = 855

DT = EIP

OPT = R

RP/# = blank

TBL# = blank

ITEM # = 00261

ELEMENT NAME = Parent

Change the following in Section 3.Z.5 OBR Observation Request Segment, line 923

Change

OBR-4 Universal Service Identifier (CE) 00238

to

OBR-4 Universal Service Identifier (CWE) 00238

Change the following in Section 3.Z.5 OBR Observation Request Segment, line 924

Change

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<same as the Log Summary field below>

This field contains the identifier code for the packaged message content type, ALARM, WAVEFORM, EVENT, PROCEDURE, TREND, etc.

to

This field contains the identification of the packaged message content, ALARM^ALARM.

Change the following in Section 3.Z.7.5 OBX-5 Observation Value (varies) 00573, line 1522

To be consistent with the rest of the OBX-based facet values in the ACM TI, change the paragraph at line 1550 under Facet 2. Source identification from

For a technical alarm, this facet specifies the subsystem that is the source of the event by its MDC object code in OBX-5 Observation Value, and by its dotted sub-ID notation according to the DEC specification for OBX-4 Observation Sub-ID.

to

For a technical alarm, this facet specifies in OBX-3 the value ALARM_SOURCE^ALARM_SOURCE and in OBX-5 Observation Value the subsystem that is the alarm source, and by its dotted sub-ID notation according to the DEC specification for OBX-4 Observation Sub-ID.

In Appendix 'X' Example Messages, replace the Numeric Alarm, starting at line 1710, with the following (changed values are bolded) [the start of the OBR segment was missing a line break]

MSH|^~\&|MINDRAY_EGATEWAY^00A037EB2175780F^EUI-64|MINDRAY|AM_PHILIPS_IEM|PHILIPS|20120111150457-0600||ORU^R40^ORU_R40|1|P|2.6|||NE|AL||UNICODE UTF-8|||**IHE_PCD_ACM_001^IHE PCD^1.3.6.1.4.1.19376.1.6.1.4.1^ISO**
PID|||HO2009001^^^Hospital^PI||Hon^Albert^^^^^L||18991230|M
PV1||I|HO Surgery^OR^1
OBR|1|1^MINDRAY_EGATEWAY^00A037EB2175780F^EUI-64|1^MINDRAY_EGATEWAY^00A037EB2175780F^EUI-64|**ALARM^ALARM**|||20120111150457-0600||||||||||||||||||||**^1&MINDRAY_EGATEWAY&00A037EB2175780F&EUI-64**
OBX|1|ST|196670^MDC_EVT_LO^MDC|1.3.1.150456.1|Low

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<same as the Log Summary field below>

SpO2|||L~PM~SP|||R|||20120111150457-0600||||F1519EFX^SHENZHEN_DEVICE^mindray.com^DNS
OBX|2|NM|150456^MDC_PULS_OXIM_SAT_O2^MDC|1.3.1.150456.2|88|262688^MDC_DIM_PERCENT^MDC|90-96||||R|||20120111150457-0600
OBX|3|ST|EVENT_PHASE^EVENT_PHASE|1.3.1.150456.3|start|||||R
OBX|4|ST|ALARM_STATE^ALARM_STATE|1.3.1.150456.4|active|||||R

In Appendix 'X' Example Messages, replace the Qualitative Alarm, Infusion Pump, Fluid Line Occlusion, Alarm Indication Start, starting at line 1730, with the following (changed values are bolded)

MSH|^~\&|PAT_DEVICE_BBRAUN^0012211839000001^EUI-64|BBRAUN|AM_Philips_IEM|Philips|20120109175417-0600||ORU^R40^ORU_R40|634617284575246025 1|P|2.6|||NE|AL||ASCII|EN^English^**ISO639**||**IHE_PCD_ACM_001^IHE PCD^1.3.6.1.4.1.19376.1.6.1.4.1^ISO**
PID|||HO2009003^^^AA1^PI||Hon^Amy^^^^^L|Coburn^^^^^^L|19610301000000-0600|F
PV1||I|HO 3 West ICU^10^1
OBR|1|634617284575713662^PAT_DEVICE_BBRAUN^0012211839000001^EUI-64|P6013_4^PAT_DEVICE_BBRAUN^0012211839000001^EUI-64|**ALARM^ALARM**|||20120109175417-0600
||||||||||||||||||||**^E0001_27&PAT_DEVICE_BBRAUN&0012211839000001&EUI-64**
OBX|1|**CWE|196616^MDC_EVT_ALARM^MDC**|1.0.0.0.1|**196940^MDC_EVT_FLUID_LINE_OCCL^MDC^^^^^^Occlusion**|||**ST**|||R|||||||P6013^^0012210000000000^EUI-64
OBX|2|**CWE|ALARM_SOURCE^ALARM_SOURCE**|1.0.0.0.2|**69985^MDC_DEV_PUMP_INFUS_MDS^MDC**||||||X|||20120109175417-0600
OBX|3|ST|EVENT_PHASE^EVENT_PHASE|1.0.0.0.3|start|||||R
OBX|4|ST|ALARM_STATE^ALARM_STATE|1.0.0.0.4|active|||||R

In Appendix 'X' Example Messages, replace the Qualitative Alarm, Infusion Pump, Fluid Line Occlusion, Alarm Indication End, starting at line 1747, with the following (changed values are bolded)

MSH|^~\&|PAT_DEVICE_BBRAUN^0012211839000001^EUI-64|BBRAUN|AM_Philips_IEM|Philips|20120109175426-0600||ORU^R40^ORU_R40|634617284662070628|P|2.6|||NE|AL||ASCII|EN^English^**ISO639**||**IHE_PCD_ACM_001^IHE PCD^1.3.6.1.4.1.19376.1.6.1.4.1^ISO**
PID|||HO2009003^^^AA1^PI||Hon^Amy^^^^^L|Coburn^^^^^^L|19610301000000-0600|F
PV1||I|HO 3 West ICU^10^1
OBR|1|634617284662070628^PAT_DEVICE_BBRAUN^0012211839000001^EUI-

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<same as the Log Summary field below>

64|P6013_4^PAT_DEVICE_BBRAUN^0012211839000001^EUI-64|**ALARM^ALARM**|||20120109175426-0600||||||||||||||||||||^**E0001_27&PAT_DEVICE_BBRAUN&0012211839000001&EUI-64**

OBX|1|**CWE**|**196616^MDC_EVT_ALARM^MDC**|1.0.0.0.1|**196940^MDC_EVT_FLUID_LINE_OCCL^MDC^^^^^^Occlusion**|||**ST**|||R|||||||P6013^^0012210000000000^EUI-64

OBX|2|**CWE**|**ALARM_SOURCE^ALARM_SOURCE**|1.0.0.0.2|**69985^MDC_DEV_PUMP_INFUS_MDS^MDC**||||||X|||20120109175426-0600

OBX|3|ST|EVENT_PHASE^EVENT_PHASE|1.0.0.0.3|end||||||R

OBX|4|ST|ALARM_STATE^ALARM_STATE|1.0.0.0.4|inactive||||||R
