10/10/11 See TC action in Green

10/10/11 See TC comments in RED

12/13/11 See TC comments in BLUE

12/14/11 CF changes

1/4/12

1/22/12 TC DONE & TODO list

2/9/2012

2/16/2012 CF changes

2/28/2012

2/29/2012

3/8/2012 CF Changes

9/11/12 CF changes based on TS email on June 15, 2012, See TC comments in RED

9/25/12 CF changes based on Call with TS on 9/25/12

12/7/12

1/9/13 CF changes based on TS email 1/3/13

1/8/13

1. Added CFResponse (datatype: CFResponseType) into CFRxOrderCancel transaction
2. Deleted RxMessageToPatient and RxInternalMessage as per TS email 1/8/13
3. Deleted CFRxOrderResponse transaction from model as per TS email 1/9/13

12/7/12

Changed CFMonograph->Text to CFMonograph->MonographText according to TS’s email on 12/7/12

9/25/12

1. In CompoundIngredient For CF – set DrugUseEvaluation to 0
2. Delete CFRxCount in CFManifestDetail
3. In CFProductInquiry message – Delete NeededNoLaterThanDate
4. CFMedication – LastFillDate made Mandatory, LotNumber -> changed from 0-1 to 0-9
5. Found difference in Name – To be resolved – follow up with TS.

9/11/12 CF Changes (NOTE: schema is based on Nov 2011 ballot which is latest published (since Feb 2012 ballot didn’t include SCRIPT). When going to DERF Central Fill, it will need to be changed to base on latest branch).

CFManifest

1. Change <SourceReference> to <RxReferenceNumber> TC changed

<CFMedication>

1. Is there a reason for not adding <ManufacturerName> and <LotNumber> to all the existing medication elements and turning off these two fields for those transactions that don’t need these two fields? I hate to introduce another medication; they are hard enough to keep up with. If there is a reason to leave it, does it make sense to not name it <CFMedicationLot….> and remove the CF (MedicationLot….) so that another transaction can use it? TC changed CFMedication to Medication. See excel sheet.

2. The same with <CFCompoundIngredientLot…> - remove the CF so it can be reused. The data element is Compound, type is CFCompoundIngredientLotNotUsed and CFCompoundIngredient due to different cardinality – see excel sheet.

CFInventoryList

1. <UnitOfUse> - values are Y/N. Annotation says “Yes or No if Medication has a minimum quantity to be dispensed or must be dispensed in multiples of dispensing metric quantity”. – does the “or” make the Y/N unclear? One is a minimum quantity and one is a dispensed in multiples of. Those are different questions.?? Change annotation to state “Yes if Medication requires a minimum quantity to be dispensed. TC Changed

2. Why new element <DispensingMetricQuantity>? This appears to be the standard <Quantity>. The context is what the quantity is. You could put an annotation to clarify if needed. TC changed under CFInventoryItem – DispensingMetricQuantity to Quantity and added annotation

CFRxOrderRequest

1. Spell out Msg – Message - <SubstitutionMessage>. TC changed SubstitutionMsg to SubstitutionMessage

2. <CFRxEntryTechnician> - can we remove CFRx? We might be able to use Technician in another transaction? TC changed CFRxEntryTechnician to Technician & modeled it to inherit from pharmacist

3. Remove CF from <CFCounsel> - for reuse? TC changed CFCounsel to Counsel

4. <TotalAmountBrandPenalty> - may be other pricing fields. Annotation says to include decimal and sign. Is this going to be a standard for all pricing fields in XML? This will impact Telecom, so we need to be sure what is recommended. – Thanh not sure how you did dollar fields in telecom, but all the dollars fields in this transaction should really match. TC: This can stay an for now. But will need to think about different type eg. xsd:decimal with definition below:

xsd:decimal

The type xsd:decimal represents a decimal number of arbitrary precision. Schema processors vary in the number of significant digits they support, but a conforming processor must support a minimum of 18 significant digits. The format of xsd:decimal is a sequence of digits optionally preceded by a sign ("+" or "-") and optionally containing a period. The value may start or end with a period. If the fractional part is 0 then the period and trailing zeros may be omitted. Leading and trailing zeros are permitted, but they are not considered significant. That is, the decimal values 3.0 and 3.0000 are considered equal.

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MC Modeling TG meeting on 3/7/2012 decided:

1. Add Pharmacist (optional) at same level as Pharmacy (like in MTM transaction) for all CF-messages except for CFInventoryList.
2. Move all from CFSpecialized into Specialized.

All 1 & 2 are done on 3/8/2012 by TC

Discussion on phone with TS (2/29/2012):

Action: Changed CFInvList Name to CFInventoryItem (on the structure name). But keep element same under CFInventoryList

From call with TS on 2/28/2012 changes made:

1. Make LotNumber optional thru out medication
2. CFPatient can reuse SCRIPT patient but only need PatientID, Name, Gender, DOB – all Mandatory
3. Get rid of CFRxCount in CFOrder because only allow 1 Rx/Order.

2/16/2012 CF changes

1. Solved Q1 by making CFDrugCoded generalization of DrugCoded where Medication & other Medication flavours for Script use DrugCoded & CFMedication use CFDrugCoded
2. Solved Q2a & Q2b Added LotNumber into Ingredient, CFIngredient turned ON Lotnumber.
3. Created BinaryDataType to replace anonymous type for binary
4. TS to ask CF TG
5. TS ask CF TG
6. LG - CF messages in a different packages or put into Specialized:

Pros: When updated, other packages untouched minimum impact to other & CF

Pull in new stuff from SCRIPT changes easily. When need to modify xsd for CF messages -> minimum impact.

Cons: Maintain different imp guides. Possible to use same imp guide as specialized, just mentioned extra CF.xsd for CF messages?

CF Changes:

Refer to .xls for changes in Medication

Q1. (XML TG) Created a generic (superclass DrugCodedSuper), make DrugCoded (script) inherit & CFDrugCoded inherit from it. BUT XML schema is NOT validated SO OPTION: move productcode out of DrugCoded ???

Q2.a (XML TG) In CFIngredient, it has lotnumber (extra) – Should this be added to ingredient (in structure?, if Yes then can be reused). Q1 &Q2 affect reuse of Medication superclass

Q2.b also Q2.a lotnumber is mandatory in CFCompoundIngredient and optional in CFCompoundIngredientLotNotUsed

Q3. (XML TG) CFMonograph is defining a datatype – need to always use an existing data type ??? No other type with binary or text

Q4. (CF TG) VerificationPharcist – seems reasonable to add initials to base pharmacist but I would argue that id and name are required initials seem moot ??? Possible to put initials into nametype ??? is there business case for the pharmacist initials required - TS

Q5.(CF TG) Need better name for CFInvlist – not sure of the bus again but perhaps DrungInventoryItem ??? – TS will talk about this with TG

Q6 (LG) CF messages in a different packages or put into Specialized:

Pros: When updated, other packages untouched minimum impact to other & CF

Pull in new stuff from SCRIPT changes easily

Cons: Maintain different imp guides.

TC changed all datatypes of an..x to an1..x, n..x to n1..x . Now used Nov ballot (most uptodate version of model)

Did the same changes in 12/13/11 for CFRxOrderCancel.

Question for TS : What needs to be done for CFRxOrderCompletion ??

CF changes:

Take out lot number from CFMedications -> Medication (in structure). NOT sure what repercussion -> NEED to investigate (See xls CFMedication-comparison & CFcomparison). If we decide to use Medication (base)=> have to update other medication (ie. NewRxRequestMedication, OptionalMedication, etc…) Still look into another field DateofService – TS

DONE: refactor CFMedwithLotMan & CFMedwithLotOp into structures, generalization with restriction from Medication refer to CFMedication-comparison for details of what added

NEED TS help with CFDrugcoded (productcoded is mandatory here) & DrugCoded (productcoded is optional)

CFPatient use Patient from structure leave NameType turn off other attributes – TBD by TS – TC did changes on CFPatient – Now restriction of PatientFull with everything turned off except for Name. However Name will contain more than just firstName & LastName

CFCoumpound try to use Compound – TO BE DECIDED later if it affects other messages

In CFIngredient, it has lotnumber (extra) – Should this be added to ingredient (in structure?, if Yes then can be reused).

Need better name for CFInvlist – not sure of the bus again but perhaps DrungInventoryItem ??? – TS will talk about this with TG

We had talked about pharmacy ??? Get rid of dbaName and reuse pharmacy from structure. Update imp guide to reflect how to use Name from pharmacy structure

TC Done

CFMonograph is defining a datatype – need to always use an existing data type ??? No other type with binary or text

VerificationPharcist – seems reasonable to add initials to base pharmacist but I would argue that id and name are required initials seem moot ??? Possible to put initials into nametype ??? is there business case for the pharmacist initials required - TS

Warning and lot should be part of the structures – just need to figure out where ???

TC refactor (move) into structures

12/13/11 –TC comments:

To be deleted from CFRxOrderType, CFRxOrderTypeResponse:

Patient

CFMedication

Prescriber

SupervisorOptional

BenefitsCoordination

CF Changes

**December 13, 2011**

Based on the modeling call on December 7th, the following changes will occur in the messages:

CFRxOrder:

* Pull patient out of here and make at same level as CFRxOrder – place above order though – more like script
* Pull BenefitsCoordination out and make at same level as CFRxOrder – place above order – more like script
* Remove SourceReference since it is already in the header we can use that – TC: I don’t see it being used in header? Need to modify???. Because RxReferenceNumber is in header type – use this – DONE REMOVED
* Remove Prescriber and make at same level as CFRxOrder – place above order - more like script
* Remove Supervisor Optional and make at same level as CFRxOrder – place above order – more like script
* Remove CFMedication and make at same level as CFRxOrder – place above order – more like script
* Rename CFRxOrder to CFRxLabel
* Rename CFShipping to ShippingInstructions so it can be reused in other transaction
* Rename CFShipToEntity to ShipToEntity to be reused in other transactions

So should look like:

Return Receipt

Mandatory Pharmacy

Facility

Patient

Prescriber

Supervising Prescriber

CFOrder

ShippingInstructions

ShipToEntity

CFMedication

CFRxLabel

CFRXOrderResponse will need the same modifications but will also have the Response moved up one level – just like in Script – need to make look as close to the SCRIPT message as possible. We probably will need to add CFOrder to the mix (we can talk about if you want)

I know these changes will cause changes to all the messages, but I think it will make it easier to implement.

Order Completion

**October 7, 2011**

More changes from Lynne:

BrandPenalty change to TotalAmountBrandPenalty DONE

Manufacturer change to ManufacturerName DONE

In the shipping group change Method to ShippingMethod DONE

NumberPackages to TotalNumberPackages DONE

NumberVials to TotalNumberVials DONE

PrescriptionPrice to CalculatedPrescriptionSellingPrice DONE

In warning labels change Shape to DrugShape This Shape is an element of CFDrugImprint – Do you mean this? DONE

ShipToteNumber to ShipToteIdentification DONE

SubBrandDrug to SubstitutedBrandDrug DONE

Change CFRxOrderComp to CFRxOrderCompletion DONE

**October 5, 2011**

What is the requestreferencenumber in the CFRxOrderRequest? If it was for the OriginalRxID then it can be removed because we deleted from the layout. It is also in CFRxOrderCancel, CFRxOrderComplete – So let me understand it clear: you want to delete RequestReferenceNumber from CFRxOrderRequest & CFRxOrderCancel ? There is NO RequestReferenceNumber in CRxOrderComp -DONE

CFRxOrderRequest, CFRxOrderCancel

CFShipToEntity is missing – should be after CFShipping I can add CFShipToEntity but what should be the type? Added for CFRxOrderRequest, CFRxOrderCancel, CFRxOrderCompletion & CFRxOrderResponse

CFRxOrderType and CFRxOrderTypeMandatoryLot elements should be in the following logical order:

Patient

BenefitsCoordination

RxReferenceNumber I don’t see this at all do you mean SourceReference?

FillNumber

RxBarCode

ChildResistantPackage

Prescriber

Supervisor I don’t see this at all do you mean SupervisorOptional?

MedicationDispensed I don’t see this at all do you mean CFMedication?

LotNumber I don’t see this at all

CFGenericSubstitutedForBrand (remove the element GenericSubstitutedForBrand and leave the other 2) CFGenericSubstitutedForBrand removed. What other 2- Please clarify

CFRxEntryTechnician

CFRxVerificationPharmacist

RxRefillMessage (This one is missing – string - optional)

RxMessagetoPatient

RxInternalMessage (This one is missing – string optional)

CFWarningLabel

CFDrugImprint

CFMonograph

CFCounsel

IngredientCost

PrescriptionSellPrice

BrandPenatly

PatientPayAmount

PrescriptionPrice

DiscountAmount

ShippingAmount

AuthorizationNumber

CFRxOrderType and CFRxOrderTypeMandatoryLot – has OriginalRxID and needs to be removed Removed

**October 3, 2011**

CFInventoryList

Product Code should be mandatory Under datatypes-drugcoded shared with other transactions. Do you want to create another one just for this? – Make new datatype called CFDrugCoded to be used in ALL CF transactions, Mandatory

Dispensing Metric Quantity should be optional but if used all elements should be mandatory Please clarify – I Don’t understand. Changed DispensingMetricQuantity to optional BUT make sure implementation guide has rule enforced for if unitofuse is set to Y then DispensingMetricQuantity needs to be filled.

The following changes need to be made:

Change CFDrugInvList to CFInventoryList Done

Change CFMedicationInquiry to CFProductinquiry Done

Change CFMedicationInquiryResponse to CFProductInquiryResponse Done