

# AWG Agenda/Minutes 2019 May (Montreal)

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Day	Date	Time	Room	Event	Host	joining	Chair	scribe	Notes
Saturday	04 May 2019	9AM-5PM	Q1	FHIR Connectathon	Christol/ Durwin	Architect: Henry Meyne			
			Q2	FHIR Connectathon	Christol/ Durwin	Henry Meyne			
			Q3	FHIR Connectathon	Christol/ Durwin	Henry Meyne			
			Q4	FHIR Connectathon	Christol/ Durwin	Henry Meyne			
Sunday	05 May 2019	9AM-5PM	Q1	FHIR Connectathon	Christol/ Durwin	Henry Meyne			
			Q2	FHIR Connectathon	Christol/ Durwin	Henry Meyne			
			Q3						
			Q4						
Monday	06 May 2019	9-10:30 AM	Salon A	Agenda/wk overview Project detailing and alignment - SBob Dieterle (What do we need to review in this WGM for the DV Project- MK/Paul) C-CDA Payer Section, Linda M. Need to add to one of the joint session. See: <a href="#">Payer Section C-CDA - Wednesday Q1</a> FM has CRD ballot items that need final resolution, need to add to FM Agenda <b>GOAL:</b> Finalize Agenda items and required participants for all quarters Project Detailing and Alignment - Bob D	AWG	FM			
Minutes: Q1 - Reviewed the Financial Management agenda. See agenda and minutes on FM Confluence page. Paul Knapp went over the project scope statements that the two workgroups have in common. There was a discussion about AMA, ADA and AHA terminologies that must be registered in HL7 Vocabulary. Re-arranged AWG agenda topics to accommodate Da Vinci presentations and Financial Management's availability. Bob asked for approval of two new additions to the drug formulary. Vote was 23 approvals, no objections and 1 abstention.									
11-12:30 PM	Q2	Salon A	HL7 Updates Connectathon Readout HIMSS	AWG					
Minutes: Q2 HL7 updates – Russ Ott will represent AWG with Electronic services and tools. In the TSC administrative meeting, there were nominations for HL7 board. May ballots are closed so now there will be reconciliations of comments. Connectathon – CAT21 Report. 23 tracks. See summaries. DTR Documentation Templates and Rules. What are rules for asking for information as example. Testing. sit in on meeting Tuesday. discovery URL for google summary of the connectathon. , template. Standards for "cards" CDSHooks? Payer could respond to a CRD request. Standardized cards. CRD use case: "CARD". User interface example. CONMAN in Confluence. Da Vinci/CDex. Communication request. HSPC tool front end screen so provider can just click on patient provider payer date,etc. Built request for CDex see track in confluence. Had provider and payer server. Use LOINC code to request something. HSPC sandbox, a testing environment. Partnered with Da Vinci. HSPC was already set up for providers. Da Vinci now has an n environment. Spent hour and a half to get everyone set up on the sandbox. As lesson learned, sign up people ahead of time. See supporting Da Vinci document "Unlocking Payer Information to Improve Care". Cigna working on document templates. EHR vendors will be in Jacksonville to work with Da Vinci. Alex Goss to put together process steps invo HIMSS – Da Vinci got a booth at HIMSS. Lenel, high level flow diagram. Business flow in da Vinci has detailed steps. Proof of concept showed that multiple payers could converse with one provider. The booth was very popular. Go to Hims19payer data to find Da Vinci stuff. Open to the public to do only a Da Vinci 5 or 6 tracks connectathon. See YouTube HIMS Viet presentation for unlocking payer information. Because of ONC and CMS NPRM use cases should expand to include									
1:45-3 PM	Q3	Salon A	PSS Cross paradigm Payer Health Story - final Reconciliation	Lenel, Lisa Nelson					

Minutes:  
Q3  
Lisa Nelson. Accept ballot work as completed motion from Lisa Rachel seconded. 8-0-1 abstain. Then published. acceptance of the ballot package and vote to have it published document as well.

3:30-5 PM	Q4	Salon A	US Market Needs / Business Level Processing Eligibility (Coverage Validation, Coverage Discovery, Benefits Determination), Prior Auth). High level discussion, what are these things - what is the activity? Define the business intention/requirements. <b>GOAL:</b> Business level activity name definition and high level content for US provider/payer financial exchanges	AWG	FM				
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Minutes:  
Q4  
US Market Needs / Business Level Processing  
Eligibility (Coverage Validation, Coverage Discovery, Benefits Determination), Prior Auth). High level discussion, what are these things? What is the activity? Define the business intention/requirements.  
**GOAL:** Business level activity name definition and high level content for US provider/payer financial exchanges  
**NOTES:**  
Joint meeting between Attachments and Financial Management. Paul Knapp – vocabulary with respect to X12 in Q1. Not all code sets in X12 need to be in FHIR. Start back on eligibility on spreadsheet. Paul will send the spreadsheet out. Prior authorization is different from predetermination. Discussion: Some payers like Medicaid or VA may have funds reserved. Within the scope of eligibility, predeterminations and auths. Predetermination includes an amount that will be paid. Prior auth clinical decision, but no payment. The FHIR resource would use.  
Follow-up from this morning: Pharmacy would like to be the lead on the formulary. Bob makes a motion that PDex drug formulary id and FM will be secondary. PSS stays the same. Mary Kay seconded. 11-0-8 abstain. Q3/Q4 tomorrow, continue on spreadsheet.

5:15-8:30 PM	Q5		Co-chair dinner and ASD meeting						
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Day	Date	Time	Room	Event	Host	joining	Chair	scribe	Notes
Tuesday	07 May 2019	9-10:30 AM	Q1 Salon A	Dental Discussions in Attachments HL7 (MOVED from Q2)  Proposed ADA Technical Report No. 1084: Reference Core Data Set for Communication Among Dental and other Health Information Systems	Russ Ott, Jean Narcisi and Nancy Orvis				

Minutes:  
Q1

- Change in schedule. DTR not going to meet. Will cover content reconciliation on a conference call.
- Received Gold stars for workgroup health, but need to reconcile old projects in the HL7 attachments in second QTR.
- DENTAL – Common record standard core reference core dataset for communication among dental and other health information systems, SEE document. Should this be a CDA and/or FHIR. We have periodontal, but need for dental. CCD already have that pilot in attachments. A good project Rachel moves sherry seconds to adopt ada standard implementation guide file a PSS as a project. The military IS INTERESTED. Because they are combining the dental record with the medical record. Will attachments sponsor this as a project? Discussion, what is next step. Frame the project scope statement. During calls. 15-0-0 vote. Jean will send the final version. RUSS – current active project of orthodontic attachment. It was reconciled, but there is a problem. Block vote was a long time ago. primary care doctor would not be doing dental. Participation function static binding. Cannot be changed. There is no dental related for value set. Function code is not required. can put in the dentist information as a performer, but skip the function code. Already is optional Rachel makes motion to remove from the example, Jean seconded. Vote: 15-0-0. Russ new disposition racel and Jean comment #3 of the reconciliation. 15-0-0. we will remove the service event performer function code from the [example.as](#) resolution. There are 4 comments left in the ortho reconciliation. Russ will send out document in about a week so can be sent to publishing. REBALLOT – hope to implement periodontal and orthodontic at the same time. Reballot the periodontal guide along with the orthodontic one. Reapply design principles from the ortho into the periodontal. SEE document of periodontal IG revisions. Russ will put a package together for a vote. Not ready to be normative but as an stdu. If both are to be in the same guide, then the project scope statement will have to be redone. Group would have to approve the new PSS and close out the other two (periodontal & ortho).
- NEW NAME – based on the voting #5 was the most popular. Based on comments, Payer and Provider Data exchange discussion. Rachel makes a motion seconded. Discussion all agree on Payer /Provider Information Exchange. 13-0-0. PPIE. Send back to the tsc send to Mary kay.
- Some people did not get all the comment on the new name. Get with Dave Hamill regarding the Listserv issue of reply vs reply all. ACTION.

11-12:30 PM	Q2	Salon A	CDS joining Attachments (NEW) AWG name change						DTR at CDS Ballot Review (attachments are co-sponsors)
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Minutes:

Q4

That will be outside of the HL7 realm. Bob stated the resolutions to the issues below.

Mary Kay mentioned a meeting to discuss two issues

1. X12 will publish mapping of 275 and 278 to FHIR
2. Operation point on the provider side discussion.

Paul – On FHIR page, Business Activity/request resource/response resource. 5 types of claims – institutional, professional, dental, pharmacy, ?. Claim response can come back with errors, or pending or claim has been adjudication. There were some discussion about claims adjudication in US may need specific profiles that look like what US is familiar with. To find mapping. There is no one to one mapping. CLAIM/link to mapping to other claim specifications. Pointes to confluence, then to WIKI link. Went over CMS 1500 mapping. Where to find it. FM in confluence. Examples of tasks. Fhir currently can use as a workflow. FHIR can create, delete, retrieve, and search. SEE FM minutes for the QTR. Went over addeditemdetail similar to the 835 remit showing original lines. There is a patient focused explanation of benefits in UML view. Since claim and adjudication are both on the eob. This is why this is used in blue button.

US CORE bind extensions to a base to create a profile. Must support means you must receive and return it. Patient resource has cardinality that mostly optional. The profile has required fields.1..1 you must have, but 0..1 is optional. Red box with an S.base resources are relaxed. A profile contains minimum needed. USCDI from ONC so now they re is US CORE profiles. The implementation guides will include the profiles.

Now that we have an overview of FHIR resources can be used to help with the spreadsheet. Action – must map/fill in the spreadsheet. Attachments can take a crack at it .confluence to get to spreadsheet. Most current is in FM meeting notes. If something is not found it can be added.

Revised agendas to add the spreadsheet review.

Day	Date	Time	Room	Event	Host	joining	C	S	Notes
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						be		be	
Wednesday	08 May 2019	9:30 AM -10:30 AM	Q1 Salon A	LOINC Attachments HIPAA Tab Review <ul style="list-style-type: none"><li>■ BCBSAL new codes</li><li>■ Mary Lynn's codes from last WGM</li></ul>		Swapna			Abhyankar, MD



Minutes:

Q2

Joint meeting with Financial Management. Mapping claim fields PAT - LISA nelson is working with carin and blue button are working the EOB mapping instead of the claim. Mark scrimshire's work. The goal of carin is to make these publically available. If hl7 publishes the mapping there will be no disparity. But carin data elements listed are for eob and would be published on the carin web site.

Data elements from Lisa nelsons spreadsheet mapped to fhir SEE SPREADSHEET IN Financial management minutes. Care team, role for attending, in identifier field. It can go 3 places. Bob wanted to know if the Medicare blue button mapping was taken into consideration.

Line level. Item/ adjudication/ category. is "contracting status indicator" can use practitioner role ARE Claim service location and site provider ID the same?. Patient paid amount could be that the patient paid some amount at the time of service? This is different from the patient responsibility. Confirm that is is the amount collected. The pharmacy amount is most likely the copay. Should be considered at point of service. EOB/supporting information/category/code/value quantity for the money amount. Payment amount – total amount paid to the provider or due for the service. Should be at the line level. benefit field in adjudication. Categories are available for copay, deductible etc. On the line, it goes in the benefit amount. The total payment adjudication/payment/amount much discussion regarding line level (item) vs claim (adjudication) level. Group ID and Name Item /coverage/ insurance/class/type/group#, plan code etc. Lisa will cover the rest in a conference call.

1:45-3 PM	Q3	Sala	Determine time for 2nd FM call to discuss DV projects Da Vinci Prior Auth Support		FM			
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Minutes:

Q3

Continue joint session with Financial Management. Look at four tracked r items. Paul announced there will be a Birds of a feather discussion Tuesday evening on blockchain in Atlanta conference. Nick synapsis health alliance are building a block chain based provider directory. Add to the discussion. CRD based tracker items related but not on the ballot. 16 18 19 and 20.

- #16 Drop "supplyrequest" from CRD because it is not patient specific, it is an order. DO not drop it. Bob makes a motion to find that this is not persuasive. FM guy with glasses seconded. VOTE: 22-0-2 abstain. No change.
- #18 3 proposed hooks have been added. Changes from this spec need to be made in the hooks specification and visa versa. Harmonize the two. Andy moves, benwa seconds. Substantive VOTE: 22-0-0
- #19 need to refer to specific versions of CDS hooks. Persuasive.susstantive. Benwa makes motion. Mary kay seconds. VOTE: 22-0-0.
- #20 current menu only shows a limited set of pages in the specification. Can now include drop downs. Bewa bob VOTE:22-0-0

3 NIBS is the noticenotice of intent to ballot must be19th is sign up. Pdex, prior auth and directory. Bob motion and christol seconds. Vote: 22-0-0

DA VINCI update – Bob

SEE SLIDES. Work on the implementation guide and reference implementation. The exchange can be tested by a middleman "touchstone" between EHR. First slide is a background. Second slide above blue is implementation guides have been balloted and scheduled. CRD uses CDShooks. DTCR – payer rules using CQL to embody those rules. More work to be done in Jacksonville at the end of the month. Terrence had a question regarding member request directed to third party then to payer. Because of CMS NPRM , one pss has turned into 3 imp guides. Access to Mitre resources, for formulary and directory. Lesser version of ADT, but added extra alerts to the Care team. Figure out what is needed over the next couple of months. Argonaut is changing pharmacy. Da Vici is coordinating with Argonaut. Assume that all this will be in the final rule and that the time to implement will be extended. Upcoming Meetings will be on the Da Vinci Confluence page and HL7 web site. Sherry - there is a huge problem with HIT vendors. The blocks in black are not as high a priority. Work is in process. Bob will make sure it is on Confluence.

3:30-5 PM	Q4	Sala	PSS work with Financial Mgmt Da Vinci PA Support, CRD, DTR, HRx		FM			
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Minutes:

Q4

Continuation of Da Vinci updates – Bob.

Breakdown – Work Breakdown to Support CMS NPRM slide. Carin and NCPDP are also working on NPRM stuff. Payer to member & provider to payer. Left side contains list of data, sub type, resource profile. Middle column contains who is building it.

Timeline – ballot schedule. Connectathons. Since most people will be unable to go to Australia in Jan 2020, there may be a HL7 meeting in Canada again to meet out of cycle.

Paul wants to have a meeting because they have questions on the PDx profile. Newly re-balloted points to US Core. FM needs to add an additional call to speak on only Da Vinci. Tuesday 11:00 is FM. Wednesday is joint call with attachments. Starting 05/15/19, Wednesday at 12:00 – 1:30 EST for next 4 weeks. Bob is mostly worried about Validated health care Directory and prior auth may not be ready for ballot.

Prior Authorization Support May 3, 2019 slides – Calls are on Friday 3:00 EST meetings. Questionnaire, attestation and missing data. Will convert smart on FHIR resources to a 278/275 and sent to the payer. Patient event and service level will be supported. Too much detail would require too many FHIR extensions. A bundle of FHIR resources. Mapped to the 278 and building the base 64 in 275. No loss. The goal is to send both 278/275, but can do just 278. Request that binary payload base 64 or a FHIR bundle. C-CDA on FHIR by structured docs. CRD is already done. DTR is soon done. Focusing on prior auth. The biggest deal is making sure the mapping is done. The mapping will not be posted. Mapping should be done to be ready for the ballot. Goal is to easily automate the 60 to 70% that are structured of prior auths that can be automated. See slide CRD + DTR + Authorization Support, needs to be updated. 4 modes of prior auth: 1 CRD request, 2 payer side.3) questionnaire missing data, can send the Qu back. In future eventually support all modes. Goal is to get an auth number assigned in real time. Various questions and comments. Payer can have questionnaire based on their rules. EHR can set restrictions to control the amount of data that can retrieve/sent out on the prior auth. Providers may adopt this at different stages as resources allow. Gives providers another option. AMA perspective low tech to high tech. gives the provider control to send the minimum amount of data needed. Future FHIR enabled Solution slide . there is a survey on the Da Vinci confluence site for another week. Send directly to BOB. Friday is the PDex call to go over directory and formulary.

Phone calls with FM will be set up be set up and include phone number. nibs must be done by FM alone.

R4 COVERAGE resource profile – member ID must go in the "identifier", the US would not use policy holder filed. What you want to require can be formatted to "fit" the rules of the payer. Question came up about why a person would be "Self Pay" to be tabled for later. Question about group number – class will be group.

Day	Date	Time	Room	Event	Host	joining	Chair	scribe	Notes
Thurs day	09 May 2019	9-10:30 AM	Q1 Sala	Re-structure the Confluence page with folder to be user friendly		Josh P			

Minutes:

Q1

Josh is here to answer questions regarding Confluence. Register workgroup migration space.type/space/search for register/style sheet outline. Add call information. EDIT/cut and paste call information and paste above Leadership. Then update. The home page everything that was on the stylesheet. Josh showed how to edit the meeting agenda and just edit and update with the meeting minutes. Learned space tools content tools create template for Russ or create a parent site. Reorder table of contents list. For Durwin the macro will not let you sort. Cut and paste to move things around. The table of contents should resort itself. Always save and update.

Documents and presentations – Rachel

Web sockets, cannot connect, how to set up her on spaces Marcy that is the recently used list. Go to search bar and then go to space. Marcy cannot check herself in for attachments attendance. Key the @ sign and a person son name to get drop down of their name.

Russ need the admin rights to rearrange the links on the left nav bar. Links to point to financial management notes or PSSs. There is a list of all project scope statements will be working on the future with statuses and workgroups. In pilot. Russ rearranged the trees on the left to be better organized.

HL7/events/conference calls/

11-12:30 PM	Q2	Sala	PSS with EHR Attachments FAQs US Realm Update		Lenel All Christol		
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Minutes:

Q2

Joint session with EHR regarding a PSS co-sponsor. Michael did not have a presentation. Update in what is 2016 podiatry profile that we are co-sponsor. Conformance criteria on wounds. When wounds are covered. Sept connectathon to exchange what is needed for wounds. Use protocols with PDex. Demonstrate that the wound is healing or treatment needs to change. FJHIR packages for advanced wound care. Asking for carriers/payers would come to connectathon with Friday 12:15 EST for calls. need use cases, examples. What are payers needing for wounds care? Extending to include an IG. Questions: Rachel. Additional information for prior auth request for wound care. Tracking Da Vinci to make sure they have all the data elements. He is part of da Vinci. Richard adama is mapping and working on the IG. Conversations with Lisa nelson. Groundwork as to what goes in the IG that meets the needs of all involved workgroups. FHIR profiles are being created. Structured data in an observation resource. Ageis is the testing body. Brody? Is Michaels last name? in Atlanta we will attend a quarter in the HER workgroup to discuss podiatry profiles.

Updates to US realm – see agenda. Administrative steering meeting. The new co-chair voting process. They are proposing that only vote for co-chairs in July, then become co-chair in January. Feedback may not support it.

FAQ – Until the final rule comes out, it is hard to complete the FAQ. What should button name be on the HL7 home page? May use the title of the regulation. Have approval to add a button, just need to figure out a name. The button will point key reference for implementing attachments. Must update the ACP paper. Also for the FAQs, think about what questions would be asked and the corresponding answer. Change e-mail address payer/provider information exchange. A news release to educate. ACTION: Who to talk to, to find out how we will be alerted when a question is asked in the FAQ.

How do we get new name in News and Announcements on the HL7 home page. How do the answers get posted? Write in the answer and then hit submit button to keep the answer. Added the question" what is the new workgroup name for attachment? Go through old FAQ that could be added. Added is there a list of HL7 attachment reference materials. Answer yes, "key references for implementing attachments". There were issues with the format of the FAQ. Rules for the table in order to put in the answers. Added all the relevant questions from the old FAQ document. action regular agenda item is to add questions to the FAQ and to update them as regulations change.

Russ – The PSS for attachments for dental up for re-ballot. It is 90% done. Vote to approve dental PSS: 8-0-0

1:45-3 PM	Q3	Sala	PSS work with Financial Mgmt Da Vinci Chronic Illness Risk Assessment, Patient Transparency, Alerts, Payer Coverage Decision Exchange (SEP 2019 ballot) PDex - split into 3 IGs.		FM		Sept Ballot as STUs - Alerts, Payer Coverage Determination, Documentation Templates and Coverage Rules
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Minutes:

Q3

Joint meeting with Financial Management. Just starting with the prior auth alerts to notify a care team. Provided the ability to adopt future versions. Alerts/notifications PSS. Back to back calls on Friday. Part of ONC/CMS USCDI continuity of treatment or care. If ongoing treatment, continue the treatment. Do not redo the entire prior auth. Ongoing support for members/patients. Medicaid managed care plans have written into their contracts. Individuals based on diagnosis or existing treatment. The provider is required to have a new plan within so many days. When switching plans, there should be no interruption in care. Also depends on state regulations. Portability across all plans such as from Medicaid to Medicare, etc. Preamble to be able to exchange between plans. Led by one of the UM physicians on the Friday call. Building the IG for payer to payer coverage call is just before prior auth. Work on alerts and payer to payer coverage determination. Will follow Argonaut's lead on prescriptions, but they are not fully in line with FHIR. Event based prescription model in FHIR works, per Da Vinci. Da Vinci work and Argonaut work should collaborate. There is a push problem for EHR notifications, but no prescriptions. May be calls on Wednesday???

Risk based contract member identification – automate and be in Jan ballot.

Gaps in care – how to alert providers that there is a gap in care or the payer is not informed. Notify provider on demand, CDS hooks to trigger. Incorporate in the EHR as a task. Closes the gap. Use as a concurrent patient care process. See NCQA digital summit for more info.

Health record exchange: patient data exchange. Send text to patient for feedback to a DME supplier that the device was received and that it works. For Jan ballot, start these first week of August. Have a standard instead of all the current patient alerts. Minimum is the questionnaire.

Chronic illness documentation for risk adjustments - must have a valid risk statement/document before you can adjust it. The goal is to make sure there is a document there to adjust.

Patient cost transparency – the goal is when a treatment is ordered, the patient needs to know what they are going to always pay. Alternatives that are more complicated like negotiated costs. What is the copay, coinsurance, have I met my cap? Can WEDI file exchange process to make this happen. Define what to exchange and how to do it. The new PSSs were based on the ONC/CMS NPRM.

A company can propose something to Da Vinci, go into a que, steering would decide if it will create a PSS. Atlanta will be the important meeting in regard to Da Vinci. Ballot reconciliation will start long before Atlanta, soon as the ballot closes. The six before Atlanta. AWG scheduled every 3<sup>rd</sup> QTR or 4<sup>th</sup> as joint meeting with FM in Atlanta. ONC meeting and x12 are scheduled for end of Jan. HL7 is in Feb in 2020. Bob will repost slides in Confluence.

FM needs to post spreadsheet for mapping on confluence plus dial in number for the calls.

3:30-5 PM	Q4	Sa lo n A	PSS work with Financial Mgmt Ballot Recon Schedule for next meeting			FM			
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Minutes:

Q4

Review Paul's spreadsheet for mapping. Split into two calls FM Tues 11:00 EST Wednesday 12:00 joint with FM and AWG for ballot reconciliation. Start joint call on next wed. 5/15/19.

The TSC approved of the new name and prefer the acronym be pronounced pie. PPIE – pronounced pie. Use math pi symbol? FM uses \$ sign, so can PPIE use pi symbol?

ACTION make sure list serv has new e-mail for new name. will no longer be ASIG. DRG will be an extension in R4 and an element in r5.

Agenda Q1 for Thursday, click on link to coverage type spreadsheet. Plan type/insurance plan – data elements and code sets in v2 and v3 and fhir as they are updated. Insurance type /insurer type/plan type/self funded. Header category, enough criteria to determine code type the code is PAY, the definition ind or org paying directly...seems like self pay. See document. ERISA is a law so should not be a plan type. Take column out of the spreadsheet. FHIR directory profiles for insurance plan. Plan types. Definitions for contract, coverage, coverage type. V3 was used for some of these definitions. Some code sets are just wrong for us. 144.103, 160.103. Mike Cabral was working on regulations 161.03 defines plan types etc. 45cfr. See Mary Kay's notes for coverage type, plan type network definitions of issuer insure plan product. See spreadsheet. Mary Kay will send to list. Sent to ASIG list. Mary Kay will build a table.

Day	Date	Time	Room	Event	Host	joining	Chair	scribe	Notes
Friday	10 May 2019	9-10:30 AM	Q1	No Meetings for our WG on Friday					