>> Please stand by for realtime captions.

>>Good afternoon, everyone. We will be starting in just about four minutes.

>> Hello again, everyone. Good afternoon and welcome to our webinar on govinfo. My name is Kelly Seifert and we have presenters Amanda Don and Christine McMahon. Before we get started I will walk you through housekeeping reminders. If you have any questions or comments on the presentation, feel free to chat them in the chat box in the bottom right corner of your screen. We keep track of them and at the end of the presentation we will respond to each question. We are recording today's session and will email a link to the recording to everyone registered for the webinar. We will send you a participant of such participation using email you used to register. If you need additional certificates because multiple people are watching the session with you, just email us and make sure to include the name of today's webinar and the names and the email addresses of those that are watching that will need certificates also. Finally, if you need to zoom in on the slides thing shown you can click on the full screen button in the left corner of your screen. To exit that mode you will mouse over the blue bar at the top the screen and click on return and you will be back to the default view. With that I will handed over to Christine McMahon to get us started .

>> Thanks, Kelly. Hello, everyone. Thank you so much for joining us today. I am going to go ahead and share my desk top. As Kelly said my name is Christine McMahon. Here with me is my colleague, Amanda Dunn. We work in GPs Office of Programs, Strategy, & Technology. Basically the office of supporting and developing govinfo. For a few more months -- this site you are familiar with. For this webinar we plan to give you an update on the transition from this to got dashed govinfo. And share some highlights to enhancements we have made in the past few months. Finally, will take any questions you may have. As Kelly mentioned, please feel free to enter any questions you may have into the chat box. We will address those at the end before we conclude. First a quick background for anyone who is new to this. GPO launched govinfo here which is available at www.dot Governor info. In February 2016. An eventual replacement of the FTP public website. At the time he launched in 2016, we spent the past data. On designing features and continued tweaking the site based on the feedback we received. Now we want to tell you about the next step in transition. Which is govinfo being out of beta. That's what I will talk to you about today. I want to point you to a couple places where you can find additional information to refer back to after this webinar.

>> If you go on govinfo to about at the top menu and go to government for transition we have some background information on why we doing background information. We also have this handy chart of a different information. If you have information you're looking for on FDsys, maybe check this out and take a look at where it is available on govinfo.

>> So now of course we are in the next step in the transition which is being out of beta. We will talk about what that means and what you can expect in the next phase of the transition. As you can tell, FDsys is still available and will continue to be available throughout the transition. Until it's retirement which we are planning for in December of this year. To reiterate that again, Armando Nash FDsys will be available until it's retirement plan for December Nash FDsys will be available until it's retirement plan for December 2018. You can see it is still available and all content content needs to be available. We are still operating. Both sites are up. What does this mean? What can you expect in the transition? While govinfo was in the beta. We talked a lot about the expectations of being in beta and what that meant and how we cautioned you against updating bookmarks and links as we were working to optimize the URLs and make other adjustments. And we could not guarantee things wouldn't change. We recommended you started gradually checking out govinfo. The key thing at this point that we want you to know is to go ahead and link -- make those changes. So now that govinfo is out of beta, it is now to -- now the time to update your book marks, catalogs and most importantly if you have not already, start using govinfo instead of FDsys. In fact in order to encourage the transition you can see we have some

notices on the FDsys homepage. Where we point to govinfo and have links to a lot of govinfo resources to encourage the transition. We will be enabling notification on FDsys as early as springtime to continue encouraging you to use govinfo instead. And making sure that the message is clear that now is the time that you should be transitioning to govinfo.

>> I want to talk a little bit about links and redirects and how that will work. As the end of this transition. Comes. FDsys links will continue to work . Immediately before retiring FDsys we will be enabling redirects to govinfo. If you have an updated the links to govinfo at the time of retirement you don't need to worry. Your links will be working but you will be redirected to govinfo. The links will be redirected on a one-to-one basis wherever possible. What that means is if you have a link to a PDF file on FDsys in your library catalog and it is retired and the link is still pointing to FDsys, if you click on the link it will take them to the same PDF but they will go to govinfo and have access to the same content.

>> The same is true for browse pages and even search results. If you have a link to a search result that FDsys it will redirect to the search results on govinfo. Do reiterate that it will retire in these 2018. Your links will continue to work on FDsys. An example of where redirect may not be possible where there is not a -- on FDsys on a browse cup publication. We have additional publication pages here. On FDsys these are here on this page and you can browse into each of these publications using this page to get to those. On govinfo however each of these publications has its own landing page. Where you can browse. I will show you the example . If you go to govinfo you will find this has its own page here. So we have its own page with a description. Where you can browse into publications. And even some related resource. That is one and has spent where we don't have the equivalent additional publications page. Each of these is broken down separately. In those sorts of cases for redirects, it will go to wherever it will be most helpful to someone looking for this content. For this example it would be a browse page. Or browse by category. So people could still find a get access to the publications where they are now in govinfo.

>> So the purpose of this. Is to ensure the transition to govinfo. Largely it is to having both sites available largely for stakeholders who have automated processes set up to get content metadata from FDsys. Data for the functioning of their site. So we are allowing plenty of time and all of their data users to adjust their automatic processes to point to govinfo instead of FDsys. We are allowing this time. To support them as needed to ensure a smooth transition.

>> Throughout the next few months until retirement of FDsys, we will make critical updates. If you recall when we first launched govinfo all of the content was immediately available. So you can think of it as one backend pile of content being retrievable through two different websites interfaces. It's the same content on the backend. So any content that you download from FDsys or govinfo you're getting the same content . We want to make sure that the point is clear that we have been able to access all content from govinfo and still access all content from FDsys. We encourage you to transition and access govinfo to retrieve that content.

>> I also wanted to point out good amount of help information on govinfo. If you are have -- if you haven't gotten a chance to use govinfo and get familiar with it, an important thing to know is a lot of the search functionalities and capabilities of the same. We still have the advance searching capabilities. We have all the functionality you are used to. Whether basic keyword search for specific searches. All of that has remained on govinfo. You will still have all that capability. To find out what things are different and what is new with about govinfo and to get help finding things are using the site, we transitioned over a lot of help information that was on FDsys under the help tool. You probably have seen and are familiar with this tool here. Where you have all this information about finding publications. Searching. And even each publication, each collection has its own page here where you can find out more about it. And you can see simple searches. URLs, and fields. All of this has been migrated over to govinfo. You can see at the top here and help you can click on any of these two get to our help information. And you will see all of this information, a lot of FAQs and information. A lot about how to find information.

Whether searching or browsing on govinfo. The URL structure. And we still have available those pages for each of our collections. So under what's available, you will see each of these publications. Each of our collections has equivalent pages. For example here is the congressional record. You will see you start up about congressional record. In simple searches. How to search. All that information that we migrated over from FDsys. And the date of fields and values for each collection's that you can refer back to.

>> Lots of good stuff. In addition we have -- to migrating over content we worked on expanding it and updating it. And adding a few new resources. For example tutorials and handouts. We have some tutorials available. And some handouts. That you are able to download for your reference. And we are working currently with library services and content management staff to develop a series of additional video tutorials that will cover everything from search tips and tricks to finding documents, and even more about the tools that are available for developers to read got info data. Like site maps interlink service. So stay tuned for those tutorials. They should be coming soon. Available on this page but also on FLP.gov. We will be updating updates to the help information on govinfo. We encourage you to check out the help information on govinfo. Hopefully it will be helpful alert to learn more about govinfo. And more -- providing more visibility to all the information available.

>> We received a lot of feedback from everyone during the data.. We want to say thank you very much for the feedback we received. We have implemented many enhancements based on the feedback that we've gotten that we want to remind you to continue sending your feedback on govinfo. General feedback can go to our survey. It's available from any page on the site. Up at the top you hover over feedback. Click submit feedback and it takes you to our survey. And let us know what you're looking for. What can we do better? And give us your feedback and it is very helpful if you need another way to contact us, you can come here under feedback and contact us to find out different ways to contact us. Of course you can always fill out our online survey. It's anonymous. We will let you you know what your feedback is. If you need to contact GPO and receive a response, with technical issues, you can always continue to use asked GPO. Please feel free to continue using asked GPO to contact us with any questions. Feedback of course remains critically important for us. Not only to improve user experience but for prioritizing new features. Minotaur our progress.. And speaking of new features and enhance that the last thing I wanted to point out to you is before I handed over to Amanda, if you are interested in learning more about our new features and enhancements, we have something new to govinfo. Our release notes. You go to features and click on release notes. You can see we have an article for each of our quarterly releases. Each of these articles, for example the most recent one, December, 2017, it will talk about the general things. That we did during that deployment. And here we highlighted the being out of beta. We included information on the migration of the help content. And this is just a great place to learn about the new features and enhancements through each release. We summarize what is new. What has been fixed. We even linked to recent content made available since the last release and some highlights of feature articles where we curated content and on these topical things here. Those are available under all features. You can see those things we are featuring new content as well as featured articles.

>> So I hope that I have answered most of the questions that you are curious about regarding the transition. But we will be able to take some questions at the end if there is anything I have not addressed. For now I will handed over to Amanda who will take us through some of the key new features and enhancements of govinfo over the past few months. Over the past beta. And give you an idea of what we have been working on. So, Amanda, I will handed over to you.

>> All right. Thank you so much, Christine. Hello everybody. This is Amanda Don. I'm excited to take what Christina has talked about. The exciting things of the transition and all about that. And then maybe dig a little deeper on the release notes. What I will do is through all that we have had, we built so many things. Certainly, since 2016 when we launch the beta we have been extremely busy on a lot of exciting things going on. I will talk to you about some highlights. I will just divan now. The primary focus on when

we launched govinfo into beta we only had 10 collections that were available via search Ashby a browser the details pages. All of their content was acceptable so you could get to files through searching but what we really focused on right away when we launched was making sure we could get all of our -- access points build out. I'm actually going to show you what I mean by that. I was talking about browser details pages. I will show you one example. One of our new ways to browse is the category brows. I clicked on that from the homepage. We have the different categories that are different publications. Bills and statutes, budget and presidential materials, and so on. I will click on proceedings of Congress in general congressional publications to show you an example. Hopefully you are using to govinfo and really starting to access content that way. But if not, maybe I am sure you will hopefully get more familiar with it soon. This is a browse page for the congressional record. When I see building these out, it was the browse page. It was the landing page for all of the years of all of the congressional records. And it's where we basically customize based on the hierarchy of the collection and how the content is published. For example I will dig into a note here on Monday, February 5. I will just go to an actual details page. That's what I meant by what we have been getting at the collections in. We had done this in our first year. We had all of their access points build out. These are all the details pages. Every single document has one. This happens to be 164 congressional record H741. Strengthening protections for Social Security benefits act of 2018. This will be different depending on the document that you are looking at. Because this is a specific document in the congressional record for this particular act, you will see different pieces of beta data. One thing we did throughout the course of our bid. Was these little context tool helps that you see I am hovering over. It will tell you what the field means. It can tells you how it to search over it. Page numbering. It tells you what it needs. What kind of made a data it is. -- Will kind of metadata that is. Into the details pages. We added in help with tabs. These are different ways of what the content looks like. It shows you where that particular -- you see the orange marker. That is the single document within the whole issue within the health section of the publication. For that issue of the congressional record. We have documents and that have tabs. That was a functionality we migrated over. I will talk to you about related documents. We are excited about this. I will keep on showing you a couple other new things. One thing we also worked on during the beta. Was optimizing our URLs. You might wonder what the importance of that is but as we prepared to do reader access, we think about how we need to have URLs be simple and not complex. We work on them. You might've seen the evolution of these changes over the past couple of years. You will see it's simple. This is a details page. We have the access ID for that document. And we actually did the same thing for our browse pages. So they are simplified as well. Just another thing we have been working on. I will show you another brows that we have built out. This is also available. I -- we've hopefully made some improvements. This is the government brows and I'm bash government author brows. So govinfo during the beta. This was not they are when we first launch that beta in 2016. It was billed out over the course of the first year. And as you can see we made a couple of updates. We organize the government author brows by branch. You see the legislative, executive and judicial branches. We call authors. Obviously institutional authors. Not individual people. You can see architect of the Capitol. I am going to click on army department. And what that is when you click on the author's take me to the search result of the actual documents for that particular author that you will see here. I want to point out -- this is basically migrating what we had in FDsys for improvements to the government author brows. Phase 1. I think there is a lot of areas that we have had on the horizon on the roadmap that we would like to improve. What the government author brows. This is our phase 1. Another thing we have been working on. I will go back into category brows and show you a nether show you another tool we have been working on throughout the beta period. That is the CFR parts affected from the Federal Register. I tried to get folks to use it. I would love to hear of it was used much in which FDsys. I think it's a useful tool. We built this feature in govinfo and this is what it looks like. So basically you got to specify date range whether it is a set timeframe, past 24 hours, seven days, past 30 days, 100 days, or you can choose may be a customized date range. Using date

selector. Essentially what you see is a list of CFR titles from federal regulations. If I want to say, leaving at a past 30 days, I will click on title V. Then I will see the various parts that have had actual regulatory documents published in the Federal Register. That impact federal five. That impacts part 890 of CFR. This happens to be if I were to go into it, it's a final rule for part 894 the federal employees help program. You can click on the PDF. And go and find more made to date -- metadata. And get all the different versions of the content that you like. That is another item.

>> So I've been going to brows. You've seen some of the different ways that you can browse. In a couple of new ways they can use govinfo. I have not searched yet. I will actually do a search. Christine mentioned how much we really relished getting feedback and seeing people use govinfo and tell us where we can do better. We really take that to heart. One of the things we were hearing from users is that they could not find the search widget which is on every single page. You can find it at the top right-hand corner of every page if it is not open. Click it and there it is. But I don't think the magnifying glasses easy to say. So we put the word search there. It's bash we like to hear what is working for folks and what is not. So speaking of feedback. I will do a general search air. Aviation regulations. I know that is brought. What I would like to do a show you where we took additional feedback and made these changes. Here is our search results for everything that matches our search. The filters we provided the ability with govinfo to apply multiple filters. That is not something you could do with FDsys. That was right out of the gate. One of the big things we did when we launched. But then we also heard additional feedback that as you can see the different collections, the Federal Register at the top is because the default is to put that collection that has the most number of hits or records at the top. And that's 47,790. What if I don't want to see that? Maybe you want to sort alphabetically. And in that case I will click Seymour's he can see the different questions that match the search. I will choose a-Z. If that is something I prefer. That is one example. We actually implemented the sorting customizations where you can toggle back and forth between whatever your choice is. We actually -- you can sort by Congress number, the most recent to the oldest Congress. You can do agency, Maine alphabetically. And lots more different options. If you prefer instead of saying the most numbered results, you can put nearest to Aldus. Another example of trying to make it a little easier. We hyperlinked all the tiles in our search results. They were not hyperlinked before. They go into the details of a landing page for this particular Federal Register document. For example, we have some contextual help available on search results. Notice when you do a basic search in govinfo and FDsys you will get some collections that are produced every year. For example the Code of Federal Regulations you only see the most recently published available documents that show up. So if you want to see every single year that we have back to 1994, of the CFR, you can click view historical results. But not everybody knows that. So we give people an info box to know what it means. We have a couple help links here. To provide help where people might need it. Maybe there are more places where we can do that. We are always looking for opportunities to that. Another update we made is pagination. We did not have paginated search results when we searched or launched beta. It was continuous, more kind of thing that you had to do. We like to provide him a few more options there. And still have your results per page.

>> I think you saw this earlier, I forgot to point it out. Just one more thing about search results that we have been working on. I will do a quick search air. I wanted to do fine public paper documents because we have really nice images available. And that was something we did not initially have upon launching govinfo. And so if the document has an image associated with it, then it will show up in the search results. Here's an example of how the 2012 issue of the public papers. As you can see it provides images. If that is what you're looking for, maybe it'll help you find what you're looking for sooner rather than to digging into the page and present information as quick as possible. So folks can find what they're looking for. And that was something else. I showed you the pagination here. We actually did pagination for browser results, too. So I'm -- yet again another new way to brows. We had this available right at the launch. This was a very popular things folks asked about when you are starting to work on govinfo in the

first place. It not only shows the different collections names and some of the publication names, it also has this great range of coverage. For congressional bills you know exactly that we have bills from 103rd Congress to the present. You can find out from this page, it's like a directory in that regard. What I am actually going to do, I wanted to go into the United States court opinion sections. This is a very popular collection for us. What I wanted to stress is there is a map and volume of opinions. We have all of these documents. Some of them there are so many a in a list. When you think about a brows it is hard to find what you're looking for in this long list. So we implemented pagination. That also helps with page like display in performance. Clicking on the districts note here we have opinions from appellate districts. Bankruptcy and national courts. I am actually looking for United States District Court Eastern District of California. And I'm picking this one because they have a lot of opinions in our govinfo . I will click on 2016 to show examples. There are so many opinions, we had to make a choice. As you can see the pagination in the browser results. I can also choose up to 500 per page. And then you can see what you are dealing with here. Just a little way to improve how your experience might be with the browser. That was something that we worked on during the beta period.

>> So I had talked about related documents. I pointed out the tab earlier. I'm going to talk about that again. Maybe some of this is a review but I do think it is one of our most exciting things that we have been doing with govinfo. That is the related documents. So I will start off by showing you one of our newest cases. We are constantly doing releases. We try to do one as often as we can depending on certain priorities and what is critical to bill. But I will do a search over the congressional record. I am looking for a specific document because if you know the way that related documents were, to give you a brief overview, we use -- I will click on the search results. This happens to be page age 535-543. Congressional proceedings. All of our documents the reason we have such a great search engine is is this really robust metadata our documents have. We use this metadata to create a relationship on the backend via the intelligence where using RDS to make web technologies to connect to these documents. What -- it's not perfect but when we have this metadata you can basically without saying the way this relates to another document. We are trying to navigational he get folks so they don't have to do as many searches to find things that relate to -- one and other. In this particular use case you will see when we have related documents, you will see the tab. Next to the summary. It's called related documents. For our congressional document we build out related bills. So under this there happens to be two pieces of legislation. And that is HR 1 and H Racz 88. This one -- HR one you will see the versions. Of the bill. This will was one of the cases we had done. Any congressional record document that has in its meter related documents you will see on this tab. -- Metadata related documents you will see on this tab. Your checking related documents and you are having an -- a good experience. I will click on this details page. All of these links will go to that particular object that document's landing page. The details page. We first started when we launched with related documents on bills pages. And we built out all the versions of the bill. We have the congressional report. You will see the versions here. Basically we introduce the bill at the top. If there is a congressional report and we have it and have the ability to link that. It is there. This one does have 111-16. We follow the presidential signing statements. From the actual publication. You can see the president signing this. And the statutes. And you will see the U.S. code documents that reference this legislation. This is older piece of legislation. I like to use it because we needed sometimes. For example U.S. code it takes a little longer for us to find the statutes. In the publishing process to happen. This way you can see the full legislation view flow. That's just a refresher. That is a basic use case that we started with. We have this feature built out for if I were to click on this presidential signing statement, you would see it there. We have up for public and private laws. And one of the things -- I will click on the congressional report another thing that we did not have during launching govinfo but we built over the course of the beta. Was building out related documents also for congressional reports. For congressional reports you will be able to find different bill versions. And public and final laws that

are associated to public and private laws associated with aching given congressional report. One more refresher to show you one of our regulatory cases.

>> I will do a search for physician fee schedule. I will click on my first document which is a Federal Register document. A final. And related documents there. We show other federal registered documents link to this one. So I think you have all the way to proposed rule. And many other types of rules published for this document. That could be the Association and you can also find congressional -- Code of Federal Regulations documents that are associated with this particular Federal Register document. That's related documents in a nutshell. We have many more use cases on the horizon that we will be exploring. Right now we are looking at linking documents that are cereals. So we are looking at that. We are looking at what our next regulatory cases are going to be. With a lot of exciting things I had for this feature. I think it is something we have because we have different publications from all three branches of the government. We are in a nice position here for functionality. Another thing we have been doing and I will shift here. We have made -- we have made our first e-book available. In govinfo. So if you do it quick search of women in Congress. H DOC 108-223. He is actually our first EPUB. And I wanted to mention this is very exciting. Available if you go into this you would need to actually tell folks how to download e-book readers. And we provide links.

>> So now I will go into more of the developer type of tools that are very important as we do this transition. Totally away from FDsys. It's really important to take care of these features. The first thing I will show you is the link service. This is a of info -- govinfo link service. Basically we had a link service available in FDsys as well but we view different technology -- use different technologies for govinfo. What it does is enable users and developers to basically create query and parameter base links to the content of the metadata and pages and go govinfo. We made a few additional tweaks and enhancements to what you can get in govinfo. An example is we used swagger. For this particular feature. You will see the available collections. CFR, compilation of presidential documents, etc. There are 13 here. These are all the different query parameters that you can view. But I will show you an example of public and private laws. I will do -- this is a sequence of basically Congress, type of law, and law numbers. I click get and try it out. And then I will put in 115 Congress. I will leave it at public law type. And then I will do public law 115-92. This will depend on which collection you're in. But in public and private laws we have file formats available. It's nice because we can get the PDF but maybe I want to click -- linked elect -- directly to our mods. Or the premise. Or the details pages. And it's applicable -- if applicable, you can go into the related documents tabs. So I will do the PDF. I click execute. And then these other parameters I gave it to obtain an actual -- a regular structure of my legs. That's another thing we have been working on here. Another developer tool, in FDsys, we talked about our bulk data repository. Because it's so important in our thesis we needed to make sure that we provided basically migrating that to govinfo. We worked very hard to do that. So this was the bulk data. Make sure these are the different collections. That are available to both dashboard data. I will leave it at that. I will show you and make sure and give time for questions for all of you. So site maps. As you can see I'm on the developers tab at the top menu. If you're looking for what I'm showing you. We welcome you to check that out. About site mats. We have -- about site maps. We help developers call the entirety of these data separate you basically see these are different collections and then you can see actual hierarchal lists. Just to show you an example. Some of the feedback which is important we have been hearing from many of you is that there was some suggestion for improvement on the organization of the site maps. We are reorganizing it to focus on the different types of contents. All the different collections. There is the collection level. And then there is the collection year which is what you will see here. You will see it organized by year. That's between organized by year and collections. Hopefully making it easier for searchers to use. Site maps. And then we have also clicked on feeds. Again it's organized by category and then you will see the links to the different feeds. Organized by collection. That's the first phase to get the baseline. We hope to expand that into different groupings as we evolve. So those are some of

the highlights I wanted to go over with you all. And we have covered a lot. It has been a very busy time since we launched govinfo in the beta.. We worked really hard. Our team is very excited to make these functionalities and present them. So with that I am going to talk about the religious notes. Available under features. And there is where you can see many more details of the great things we have been up to. And don't forget to send us your feedback and let us know what you would like to see next. And finally, Christine and I would like to take your questions and hear any thoughts or impressions you've had about govinfo or if there is anything we can elaborate on more.

>> I have been capturing the questions as we go along. Let's start with the first batch and if questions come in while we are doing these, we will do the second batch. When will the redirect to govinfo start.

>> It's Christine. I will take that one. A good question. Basically, all of the links right now that you have at FDsys will redirect to govinfo until the December timeframe later this year. By the end of December 2018. It is something that will happen . We enable at our end. You don't have to do anything. It will happen automatically. So essentially just keep an eye out. We will be communicating closer to the time. When they do -- when the retirement will actually happen in the redirect will be turned on. Just remember it is not something you need to worry about on your end. It is something we will be taking care of. We encourage you to go ahead and transition your links and update them as you would like to. And as you decide what is feasible for you. As a best practice. It's always good to have the most up-to-date links for users who may see a link to FDsys and click to tranced three. They may get back to the content. While we do encourage updating links, we do definitely encourage you to also update your links but they will do -- redirect either way. I hope that covers the redirect question. Also I was going to respond to the questions on the EPUB. I thought Amanda I would let you take the questions about court opinions. Let me share my desktop again. So I can pull up the EPUB.

>> I pulled up the EPUB. One of the questions was about EPUB leaders. And also about this being available in EPUB format only. As the previous edition of this was made available in PDF and not EPUB. A really good question. Essentially the answer was the data that produces a publication decided this year or as of 2017, that they only wanted to make it available in EPUB format. Again we are working closely with the content originators were offered -- authoring the content. To determine what formats they want to make available. And it happened they wanted this update to be available in EPUB format only. That's why it was the impetus for us to making EPUB available. It was the first one. About the EPUB reader, the notices here the EPUB reader or browser extension is required to view EPUB format. So if you go to this link, we have a link to a whole bunch of the reader software that you can use. You can download an extension to your browser. So chrome we have browser extensions. And if you added into your browser, whenever you click on the EPUB and govinfo it will automatically display in the browser. Right now it's set up to automatically download said that you can use whatever the reader software that you would like to view the EPUB. Again browser extensions are a handy way to view EPUB and there's more information on here as far as different ways to view EPUB. So installation instructions. Online bookstore. Has a lot of great information. A lot of EPUB's available. A lot of good information about different readers in different ways to view EPUB. You can link to that from our help and from the page itself here where you see the hyperlink in the description. I hope that gets the EPUB question.

>> The other one I wanted to mention I love the feedback about the glossary. Definitely something we will take back to consider and take a look at and see if that is something that is doable. Great feedback. Let us know what you would like to see. And what you think would be helpful. Things like that. As far as the bulk data repository questions, we are working to expand our information available in the bulk data repository. We are glad to hear that feedback. That is all good stuff to hear. We are continuing to work on making more information available in bulk data. A key priority we have. I need to catch up on the questions. Amanda do you want to take the court questions?

>> Okay this is Amanda. I was capturing them. Amanda, not all of the courts are included is there a plan to get them all eventually?

>> Yes. I guess just a little bit of background on the U.S. court collection. Beginning with F-16 and govinfo. So I think there is a plan. I think we have currently somewhere between 109 courts in governance. We work with the administrative offices of the U.S. courts. We gradually basically as they have the ability to do so we get the okay basically to bring in that content on govinfo. That has been over several years. We are still working on bringing in new content. I think there is a goal to get more of the courts in there but it that is still a work in progress. I don't have a definitive timeline. I could probably find out more about that and talk about that with you but that is all I know. We added a new court this week. I believe it was the district court of Guam. We just added that this week.

>> That is mostly what I know. Certainly whatever the administrative office gives us we get it into the system as soon as we can.

>> What is the difference between court opinions on govinfo versus pacer question mark Martha answered that. She said things like pacer besides costing money will take you to the associated cases and govinfo takes you to decided opinions.

>> A clarification about the redirect link. Eventually we will have to change our OPEC links to govinfo links , correct?

>> That is a question for each user to determine based on what the feasibility is on your end. We do continue to support the govinfo even because the feasibility of have the massive links and having to go back retroactively and update all the links to govinfo might be a little bit cumbersome. That is why we have committed to having the redirects. So even if we continue and we will continue to continue, to maintain redirects even from GPO access. So if a decision is something you want to make retroactively, or you want to start maybe going forward, with any new record created, that is your decision to make however you best know your users would want to see those links. But we will definitely -- also the govinfo links we have done a lot of work to tell you the info about the URLs. They are shorter and more user-friendly. They are more predictable and cleaner. So we did a lot of work on her URLs to make them pretty. So that they will be easily to create links to. That is it.

>> A multiple filter is searched is so much better to find something needed. We agree. Will voting records for senators and House members be available on govinfo ?

>> I can take a stab and Amanda can can fill in. Voting records are available through the congressional records on govinfo. That is something that you can search. I was looking up our help information on the congressional record to see what kind of fields you can use to find different voting records and how different votes were done. We definitely capture meta-data through the congressional records. Amanda, do you want to add to that?

>> No that is good what you point out. I know there has been a request in the past to have a targeted searchability or browse abilities for boat information. That is available on maybe the help websites. That is something we talked about. It is something we can look at knowing that it is highly desirable to maybe work with our data partners with Congress and also are [Indiscernible] folks on the hill to . As we talk more about data transparency and an offer -- interoperability we are finding ways to use that and make things better. That is good feedback. It is very desirable. Like Christine said, you can find voting information but there is always ways to improve that.

>> You can see under the help information there a sample searches how you can search a congressional record where Congressman voted yes or no. You can search by the number. Definitely check out the help information under govinfo and you will see the MIDI data fields -- metadata fields.

>> We have one minute left. We have a couple more questions that came in let's see what we can get to. Will govinfo the search engine we can place on her own pages?

>> That is feedback we have received before. It's good to know it is still requested. It is something on the backlog that we are looking into to implement.

>> -- Would you consider having PDF links instead of detailed link to the full text when navigating through the related documents? That would be good for bills and public laws etc.

>> That sounds like good feedback. Amanda question mark

>> I think that is good feedback. It is something we definitely would want to consider. It gives people a choice. We have so many different formats available. Some folks want the -- PDFs are very popular as well. I think it's something we could look at. If you like to hear more about what users would want. It's nice to hear about your preference. Check thank you for sharing that. This looks like it simplifies tracking.

>> That's great. I'm glad that you feel that way. That has been the point. It's not a we are constrained by the published documents we have in the system. So it's not fully convert -- comprehensive. I think what it does do is provide users with content that is related and you don't have to -- we are out of time. Please contact us through the mechanisms you see here. I will wrap up all of these chat comments and make sure that Amanda and Christine and the staff have copies of all of your suggestions and comments. To everyone. And thank you Amanda and Christine. Have a great day.

>> [Event concluded]