

**EXHIBIT A**

**IN THE COMMONWEALTH COURT OF PENNSYLVANIA**

|   |   |                   |
|---|---|-------------------|
| County of Fulton, Fulton County Board   | : |                   |
| of Elections, Stuart L. Ulsh, in his    | : |                   |
| official capacity as County             | : |                   |
| Commissioner of Fulton County and       | : | No. 277 M.D. 2021 |
| in his capacity as a resident, taxpayer | : | No. 3 MAP 2022    |
| and elector in Fulton County, and Randy | : |                   |
| H. Bunch, in his official capacity as   | : |                   |
| County Commissioner of Fulton County    | : |                   |
| and in his capacity as a resident,      | : |                   |
| taxpayer and elector of Fulton County,  | : |                   |
| Petitioners/Appellees                   | : |                   |
|   | : |                   |
| v.                                      | : |                   |
|   | : |                   |
| Secretary of the Commonwealth,          | : |                   |
| Respondent/Appellant:                   | : |                   |

**ORDER**

NOW, August 23, 2023, the Special Master hereby ORDERS as follows:

1. The evidentiary hearing for purposes of the Special Master’s appointment of a neutral third-party escrow agent currently fixed for Monday, August 28, 2023, at 10:00 a.m. in Courtroom 3001, Third Floor, Pennsylvania Judicial Center, 601 Commonwealth Avenue, Harrisburg, Pennsylvania, is hereby **RESCHEDULED to begin at 9:00 a.m. on the same date in the same place.** If necessary, the hearing shall reconvene on Wednesday, August 30, 2023, at 9:00 a.m., and Thursday, August 31, 2023, at 9:00 a.m., in the same location.
  
2. The parties are directed to serve all Notices to Attend and Subpoenas on their respective witnesses no later than Friday, August 25, 2023, in conformance with the Pennsylvania Rules of Civil Procedure. Notices to Attend and Subpoenas served prior to

issuance of this Order, indicating that the evidentiary hearing would begin at 10:00 a.m. on Monday, August 28, 2023, need not be reserved to reflect the rescheduling set forth in Paragraph 1 above.

3. Respondent/Appellant (Secretary) shall present its evidence and witness testimony beginning on Monday, August 28, 2023, and the parties shall endeavor to complete direct and cross examination of the Secretary's witnesses by the conclusion of this first day of the hearing.

4. Petitioner/Appellees (collectively, Fulton County) shall present its evidence and witness testimony following conclusion of the Secretary's evidence. The parties shall endeavor to expeditiously complete direct and cross examination of Fulton County's witnesses.

5. Fulton County is directed to retain the services of a court reporter for the evidentiary hearing. The court reporter shall be prepared for Court to be in session outside of normal Court hours. The court reporter shall provide a rough transcript to the Court and counsel at the conclusion of each day of the hearing and expedite preparation of a transcript following the conclusion of the hearing.



---

**RENÉE COHN JUBELIRER**, President Judge of the  
Commonwealth Court of Pennsylvania Appointed as  
Special Master

**EXHIBIT B**

**AFFIDAVIT OF BENJAMIN R. COTTON 24 August 2023**

I, Ben Cotton, being duly sworn, hereby depose and state as follows:

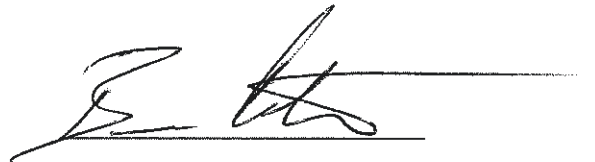
1. I am over the age of 18, and I understand and believe in the obligations of an oath. I make this affidavit of my own free will and based on first-hand information and my own personal observations.
2. I am the founder of CyFIR, LLC (CyFIR).
3. I have a master's degree in Information Technology Management from the University of Maryland University College. I have numerous technical certifications, including the Certified Information Systems Security Professional (CISSP), Microsoft Certified Professional (MCP), Network+, and Certified CyFIR Forensics and Incident Response Examiner.
4. I have over twenty-five (25) years of experience performing computer forensics and other digital systems analysis.
5. I have over eighteen (19) years of experience as an instructor of computer forensics and incident response. This experience includes thirteen (13) years of experience teaching students on the Guidance Software (now OpenText) EnCase Investigator, the EnCase Enterprise software and the collection and preservation of digital data.
6. I have testified as an expert witness in state and federal courts and before the United States Congress.
7. I regularly lead engagements involving digital forensics for law firms, corporations, and government agencies and am experienced with the digital acquisition of evidence under the under the Federal Rules of Evidence.
8. In the course of my experience I have forensically collected digital evidence from thousands of Windows, Linux, MacOS, and cellular devices.

9. In the course of my experience I have forensically collected digital evidence from thousands of external digital devices such as USB drives, thumb drives, and SD Cards.
10. I have supported legal teams in the forensic preservation and examination of Dominion voting systems in Arizona, Michigan, and Georgia.
11. The dominion voting system individual components, such as the Election Management System (EMS), Image Cast Central (ICC), ImageCast Precinct (ICP), ImageCast X (ICX) Ballot Marking Device (BMD) and Adjudication Workstations, contain specialized applications running on Windows and Linux operating systems. These components and systems can easily be forensically preserved in accordance with the digital acquisition of evidence as outlined the under the Federal Rules of Evidence and the National Institute of Justice Digital Evidence Policies and Procedures.
12. Forensic preservation of all data on a digital device is critical to the preservation process, especially if litigation is either anticipated or ongoing. If a given device or system is currently in a powered down state, it is imperative that the device's hard drive and other digital storage be forensically imaged to preserve system metadata dates and times, data integrity of the device and the admissibility of the evidence into the US legal system. Simply powering up a Windows or Linux operating system will change the date/time metadata for tens of thousands of files, thus interfering with the analysis of that system and calling into question the integrity of the data on the system.
13. It is critical to the admissibility and quality of subsequent analysis that the system to be preserved is maintained in a data state that is as close to the time period as possible. If the system to be preserved is powered on, commonly termed as live, at the point that it is to be preserved then the volatile memory should be imaged first followed by a forensic acquisition of the hard drive and other storage devices.
14. If a device that is to be preserved is not imaged immediately and maintained in a powered on state, there is a technical certainty that the data contained on the hard drive and possibly other digital storage devices will be changed. The changing of the data on the system will not require interactive inputs for

these changes to take place. As a matter of the normal operating system functions, no matter if it is a Windows, Linux or MacOS operating system, if the system is powered on, the system will automatically change logs and perform automated processes (like antivirus scans, scheduled tasks and other operations) that will change the dates and times of files, over write log file entries, modify system configuration settings and change data file contents.

15. It is my experience that the Dominion voting system components have communications devices in the form of Network Interface Cards (NIC), WiFi modems, and Cellular Modems installed by the manufacturer on the mother boards of the systems. Depending on the configuration of the system, these communications devices can automatically connect to remote locations and devices if the systems are powered on. If these devices are allowed to connect to remote locations it is possible for authorized or unauthorized parties to remotely modify the component.


SIGNED UNDER THE PAINS AND PENALTIES OF PERJURY THIS 24th DAY OF August 2023.



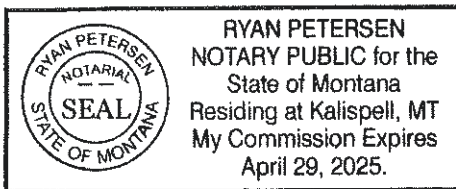
Benjamin R. Cotton

State of Montana  
County of Flathead

This instrument was signed or acknowledged before  
me on 08-24-23 by Benjamin R. Cotton  
(Name of signer)

  
(Notary Signature)

[Affix seal/stamp to the left or below]



# **EXHIBIT C**



**IN THE COMMONWEALTH COURT OF PENNSYLVANIA**

|   |   |                   |
|---|---|-------------------|
| County of Fulton, Fulton County Board   | : |                   |
| of Elections, Stuart L. Ulsh, in his    | : |                   |
| official capacity as County             | : |                   |
| Commissioner of Fulton County and       | : | No. 277 M.D. 2021 |
| in his capacity as a resident, taxpayer | : | No. 3 MAP 2022    |
| and elector in Fulton County, and Randy | : |                   |
| H. Bunch, in his official capacity as   | : |                   |
| County Commissioner of Fulton County    | : |                   |
| and in his capacity as a resident,      | : |                   |
| taxpayer and elector of Fulton County,  | : |                   |
| Petitioners/Appellees                   | : |                   |
|   | : |                   |
| v.                                      | : |                   |
|   | : |                   |
| Secretary of the Commonwealth,          | : |                   |
| Respondent/Appellant:                   | : |                   |

**ORDER**

NOW, August 23, 2023, upon consideration of Petitioners/Appellees’ (collectively, Fulton County) Motion to Stay Proceedings, and Respondent/Appellant’s (Secretary) answer in opposition thereto, the Motion to Stay Proceedings is DENIED.

Fulton County seeks a stay of the evidentiary hearing fixed for August 28, 2023, to determine a neutral third-party escrow agent to impound Fulton County’s voting systems as directed by the Supreme Court of Pennsylvania in *County of Fulton v. Secretary of the Commonwealth*, 292 A.3d 974, 1020 (Pa. 2023) (*Fulton I*). Fulton County asks for a stay based on its filing of a Petition for Writ of Certiorari to the United States Supreme Court (No. 23-96, filed May 27, 2023), challenging the Pennsylvania Supreme Court’s decision in *Fulton I*. However,

Fulton County has cited no procedural rule or relevant authority to support its request for stay. Accordingly, the Special Master will proceed as directed by the Supreme Court of Pennsylvania, unless otherwise directed by the Supreme Court of the United States.



---

**RENÉE COHN JUBELIRER**, President Judge of the  
Commonwealth Court of Pennsylvania Appointed as  
Special Master

# **EXHIBIT D**

**In The Matter Of:**  
*Fulton County Elections Board vs.*  
*Secretary of Commonwealth*

---

*No. 277 MD 2021 No. 3 MAP 2022*  
*August 23, 2023*

---

*Media Court Reporting*  
*216 West Front Street*  
*Media, PA 19063*  
*610.566.0805 fax 610.566.0318*  
*www.mediacourtreporting.com*

IN THE COMMONWEALTH COURT OF PENNSYLVANIA

FULTON COUNTY ELECTIONS BOARD

v.

SECRETARY OF COMMONWEALTH

No. 277 MD 2021 No. 3 MAP 2022

Proceedings held on Wednesday, 8/23/23

PROOF OF SERVICE

I hereby certify that I am this day serving the Notice of Filing of Transcript upon the persons and in the manner indicated below, which service satisfies the requirements of PA RAP 121. Service of first-class mail addressed as follows:

The Honorable Judge Renée Cohn Jubelirer  
Commonwealth Court of Pennsylvania  
601 Commonwealth Avenue  
Harrisburg, PA 17106

Service by e-mail at following:  
tom@thomasjcarrollllaw.com, with agreement of:  
THOMAS J. CARROLL, ESQUIRE  
LAW OFFICES OF THOMAS J. CARROLL  
610.419.6981  
224 King Street  
Pottstown, PA 19464

Service by e-mail at following:  
rwiygul@hangleys.com, with agreement of:  
ROBERT A. WIYGUL, ESQUIRE  
HANGLEY ARONCHICK SEGAL PUDLIN & SCHILLER  
215.496.7042  
One Logan Square, 27th Floor  
Philadelphia, PA 19103

Dated Thursday, 8/24/23

---

Josephine Cardillo  
Media Court Reporting  
216 West Front Street  
Media, PA 19063  
610.566.0805  
crjoze52@gmail.com

TO: The Honorable Renée Cohn Jubelirer

Please be advised that I have this date  
filed a transcript of the record in the case of:

IN THE COMMONWEALTH COURT OF PENNSYLVANIA

FULTON COUNTY ELECTIONS BOARD

v.

SECRETARY OF COMMONWEALTH

No. 277 MD 2021 No. 3 MAP 2022

Proceedings held on Wednesday, 8/23/23

See PA RAP 1922(c)

DATED: Thursday, 8/24/23

---

Josephine Cardillo  
Media Court Reporting  
216 West Front Street  
Media, PA 19063  
610.566.0805  
crjoze52@gmail.com

COUNSEL APPEARED REMOTELY VIA PHONE AS FOLLOWS:

THOMAS J. CARROLL, ESQUIRE  
LAW OFFICES OF THOMAS J. CARROLL  
224 King Street  
Pottstown, PA 19464  
610.419.6981  
tom@thomasjcarrolllaw.com  
Counsel for Petitioner

ROBERT A. WIYGUL, ESQUIRE  
HANGLEY ARONCHICK SEGAL PUDLIN & SCHILLER  
One Logan Square, 27th Floor  
Philadelphia, PA 19103  
215.496.7042  
rwiygul@hangleyle.com  
Counsel for Respondent

SHAWN N. GALLAGHER, ESQUIRE  
BUCHANAN INGERSOLL & ROONEY  
Union Trust Building  
501 Grant Street, Suite 200  
Pittsburgh, PA 15219  
412.562.8800  
shawn.gallagher@bipc.com  
Counsel for Intervener Dominion

Also Present: John Hill, Esquire,  
Hangleyle Aronchick

Dimitri Marvrudis, Esquire  
Tucker Law Group

Kathleen Jones Goldman, Esquire  
Buchanan Ingersoll

Paul Ritchey, Court Staff

Josephine Cardillo,  
Court Reporter

- - -

1 MR. RITCHEY: This is Paul,  
2 administrative staff of the  
3 Commonwealth.

4 First, will the court reporter  
5 please identify herself.

6 COURT REPORTER: Josephine  
7 Cardillo, with Media Court Reporting,  
8 Media, PA.

9 MR. RITCHEY: Thank you.

10 First, counsel for the County of  
11 Fulton, then counsel for the Secretary,  
12 and then, finally, counsel for Intervener  
13 Dominion Voting Systems, Incorporated.

14 ATTY CARROLL: Yes. From  
15 Fulton County, Thomas Carroll, Counsel  
16 for Fulton.

17 ATTY WIYGUL: Good afternoon.  
18 For the Secretary of the Commonwealth,  
19 Robert Wiygul, from Hangley Aronchick  
20 Segal Pudlin & Schiller, and I believe  
21 I have two co-counsels dialing in  
22 separately, but I'll let them announce  
23 themselves.

24 ATTY HILL: Yeah, this is John  
25 Hill, also from Hangley Aronchick Segal



1 Pudlin & Schiller, on behalf of the  
2 Department.

3 ATTY MARVRUDIS: And this is  
4 Dimitri Marvrudis from the law firm of  
5 Tucker Law Group, on behalf of the  
6 Secretary.

7 ATTY GALLAGHER: I'm Shawn  
8 Gallagher, with Buchanan Ingersoll &  
9 Rooney, on behalf of the Intervener  
10 Dominion.

11 ATTY GOLDMAN: Kathleen Jones  
12 Goldman, also with Buchanan Ingersoll &  
13 Rooney on behalf of Dominion.

14 MR. RITCHEY: Thank you all.  
15 Other than counsel, the court reporter,  
16 and court staff, is anyone else present  
17 on the call or listening to the call?

18 (No response.)

19 Okay. Hearing none, please stay  
20 on the line. The conference will begin  
21 shortly.

22 THE COURT: Good afternoon,  
23 everyone. This is Judge Cohn  
24 Jubelirer. I believe we have everyone  
25 on today's call. Thank you very much,

1 and you've all identified yourself, I  
2 believe, for the court reporter who's  
3 on.

4 Can I be heard?

5 COURT REPORTER: This is  
6 Josephine Cardillo, the court reporter.  
7 It sounded like, Your Honor, you were  
8 cutting out, but I will do my best with  
9 what I can hear.

10 THE COURT: Thank you very  
11 much. Please speak up if you cannot  
12 hear us.

13 Has everybody identified  
14 themselves? Have all counsel identified  
15 themselves for you?

16 COURT REPORTER: Yes, they  
17 have.

18 THE COURT: Okay, excellent.  
19 Thank you.

20 As you all know, we are here  
21 today for a prehearing conference in the  
22 matter of County of Fulton et al.,  
23 Petitioners and Appellees versus the  
24 Secretary of the Commonwealth,  
25 Respondent, 277 MD 2021 and as before the

1 Supreme Court 3 MAP 2022.

2 And as indicated in the order  
3 issued yesterday, the primary focus of  
4 today's conference was to determine  
5 whether it is necessary for the third-  
6 party escrow agent to have experience or  
7 expertise with election security or  
8 election technology or whether an agent  
9 with expertise in convention of physical  
10 security be sufficient.

11 It is recognized that -- well, it  
12 appears that both parties, the Secretary  
13 and the County, have in the recent past  
14 proposed alternative escrow agents. The  
15 Secretary, the Insurance Evidence  
16 Services (IES) and Fulton County Auld &  
17 Associates Investigation, Inc.

18 So let me first ask the County --  
19 well, let me first ask the Secretary: Do  
20 you believe that we need to have a  
21 third-party escrow agent with experience  
22 in election security, or would some other  
23 entity be sufficient?

24 ATTY WIYGUL: Thank you, Your  
25 Honor. This is Robert Wiygul for the

1 Secretary.

2 We do believe that the escrow  
3 agent should have experience with the  
4 particular type of evidence that is at  
5 issue here, which is, as we interpret the  
6 Supreme Court order, voting equipment,  
7 but also potentially data stored on that  
8 voting equipment.

9 And so, I think I agree with Your  
10 Honor's order that the purpose of the  
11 escrow agreement is to secure physical  
12 evidence for potential use in future  
13 litigation, but we think that the type of  
14 evidence at issue and important for your  
15 consideration here -- and we're prepared  
16 to present evidence of the hearing on  
17 Monday on why that's the case and why the  
18 specific type of evidence at issue calls  
19 for expertise and experience that would  
20 not be possessed simply by entities that  
21 may have experience, other types of  
22 physical evidence such as documents or,  
23 you know, weapons, what have you.

24 So I think, in some ways, you  
25 know, the background in election

1           experience is important. Your Honor did  
2           point out that the Secretary at one point  
3           had proposed as an alternative candidate  
4           to be escrow agent Insurance Evidence  
5           Services.

6                         We made clear in our filings, I  
7           think, that we believe they would be our  
8           second-choice alternative. We believe  
9           that Pro V&V was head-and-shoulders the  
10          best candidate here.

11                        But even Insurance Evidence  
12          Services had expertise and experience  
13          with storing pieces of technology with  
14          data on them, things of that nature. We  
15          think that that is, you know, a bare-  
16          minimum qualification, but, again, we do  
17          think that there are aspects to the  
18          security in preservation of election  
19          equipment that are unique and do call for  
20          unique experience and expertise.

21                        THE COURT: Well, I'm just  
22          trying to understand why, if the  
23          equipment is locked in a room and even  
24          if we have cameras that would show  
25          who's coming and going and there's a

1 log and nobody is allowed to get in,  
2 and if the equipment is taken offline  
3 in a way that the Court goes in there,  
4 everybody watches, and your experts are  
5 comfortable with, why would you need to  
6 have anything more than that?

7 ATTY WIYGUL: Well, Your Honor,  
8 we're prepared to present testimony on  
9 Monday, but there are particular  
10 environmental conditions -- you know,  
11 humidity, temperature, et cetera --  
12 that are appropriate and necessary for  
13 the preservation of different sorts of  
14 digital assets such as data stored on  
15 election equipment. We think there's  
16 particular expertise called for in that  
17 respect.

18 In addition, I think one  
19 important aspect of the Supreme Court's  
20 order was maintenance of chain of  
21 custody, and there are particular ways in  
22 which the chain of custody of election  
23 equipment is preserved that turn on  
24 particular nature of the evidence at  
25 issue.

1           There are all sorts of different  
2           fields that are attached to different  
3           parts of the equipment. There are  
4           different ways of recording information  
5           to ensure that the chain of custody for  
6           each relevant component of an election  
7           machine is preserved.

8           We don't know what condition the  
9           machines are going to be in at the time  
10          they are picked up and collected by the  
11          escrow agent. The escrow agent may need  
12          to take steps at that point of  
13          acquisition to document and inventory the  
14          equipment so that an appropriate chain of  
15          custody can be kept from that point  
16          forward. That also requires specialized  
17          knowledge about election equipment and  
18          the way the security of election  
19          equipment is maintained.

20          I'm also informed that it may be  
21          necessary to charge the machines in a  
22          particular way on a particular schedule  
23          in order to ensure the preservation of  
24          data required thereon and obviously doing  
25          that in a way that is safe and isn't

1 going to pose any sort of other issue  
2 regarding the preservation of the machine  
3 as a matter of requiring specialized  
4 experience and expertise.

5 So, again, I don't pretend to be  
6 the expert here, but we have consulted  
7 extensively with our expert, and we do  
8 believe, for that reason and others, that  
9 this is a matter requiring specialized  
10 knowledge, and it's not a role that any  
11 party that might be suited to preserve  
12 other types of physical evidence would be  
13 qualified to play.

14 THE COURT: Well, if there was  
15 some sort of examination, I mean, would  
16 have anticipated that both parties and  
17 their experts would probably want to be  
18 present when the machines are, you  
19 know, examined and then transported  
20 into the custody of whatever the escrow  
21 agent states would be. And if there  
22 are times when there needs to be  
23 maintenance or other work on the  
24 machines pending this litigation, that  
25 both parties and their experts would



1 want to be there when the door is  
2 opened and people are inside.

3 So wouldn't that be sufficient  
4 rather than requiring the actual escrow  
5 agent to be the expert?

6 I don't mean to put you on the  
7 spot; I'm just trying to understand what  
8 the needs are here of what we have to do.  
9 I'll tell you what. Let me ask the  
10 County's attorney to weigh in here, and  
11 then I can come back to you.

12 ATTY CARROLL: Thank you, Your  
13 Honor.

14 First, I would ask, respectfully,  
15 for a clarification from Attorney Wiygul  
16 as to his position as to which vendor  
17 they're keeping. He just threw out the  
18 possibility of a second one. I thought  
19 that had been rejected, so I would like  
20 clarification on that before I answer the  
21 next question.

22 THE COURT: I'm sorry. I was  
23 just talking in generalities, and I  
24 think I'm the one who threw out this  
25 Insurance Evidence Services. I know,

1 in reviewing the filing in this case, I  
2 saw that that had been recommended as  
3 an alternative as well as an Auld &  
4 Associates investigation from Fulton  
5 County.

6 So I think I'm just trying in a  
7 general fashion to find out what  
8 requirements the parties believe there  
9 are for an escrow agent and whether the  
10 third-party escrow agent needs to have  
11 experience or expertise with election  
12 security.

13 Does the County have a position  
14 about that?

15 ATTY CARROLL: We should be  
16 able to resolve this if we knew whether  
17 there was more than one vendor being  
18 proposed at this point.

19 THE COURT: I'm not thinking  
20 about who's being proposed; I'm trying  
21 to find what the type of vendor that  
22 needs to be selected must be. Does the  
23 County have a position?

24 ATTY CARROLL: I'm having a  
25 little difficulty hearing, and I

1 apologize.

2 I think we might be able to  
3 resolve this matter if we understood that  
4 we have more than one vendor because we  
5 understood they were only proposing Pro  
6 V&V.

7 THE COURT: Right. We're  
8 not -- let me be very clear, Attorney  
9 Carroll.

10 Putting aside the vendor, the  
11 name, who's proposing the vendor, my  
12 question for you is whether it is  
13 necessary for whatever vendor is proposed  
14 to have experience or expertise with  
15 election securities or election  
16 technology or whether an agent with  
17 expertise in conventional physical  
18 security be a sufficient third-party  
19 escrow agent here. If you have a  
20 position.

21 ATTY CARROLL: Yes. Well, we  
22 would need to establish the issues that  
23 relate to the conflicts of interest  
24 that exist for their recommendation  
25 before I can answer that question,

1 address the competency of their  
2 third-party vendor and protect the  
3 equipment. We would need to evaluate  
4 that, too.

5 THE COURT: Okay. So,  
6 basically, what I understand you to be  
7 saying, then, is that it's  
8 possible that -- it's not necessary for  
9 the third-party escrow agent to have  
10 the experience with the election  
11 integrity, and that you're more  
12 concerned about conflicts of interest  
13 with the vendor as opposed to any  
14 particular expertise.

15 Is that what I'm understanding?

16 ATTY CARROLL: Right, correct.  
17 And competency and qualifications as  
18 well if they're going to be doing any  
19 kind of evaluations of these machines,  
20 which they should not be doing.

21 THE COURT: Okay. So --

22 ATTY CARROLL: And the  
23 competency and the ability to secure  
24 it. That's the question at hand.

25 THE COURT: The competency and

1 the ability to secure the machines?

2 ATTY CARROLL: Yes.

3 THE COURT: Okay. And so, how  
4 much storage space would be needed;  
5 does anybody know? Secretary, do you  
6 know, Attorney Wiygul?

7 ATTY WIYGUL: Your Honor, I  
8 can't. Unfortunately, I'm not in a  
9 position to give you, you know, the  
10 square footage or quantify it in that  
11 respect. We've spoken to a number of  
12 different potential vendors, and at the  
13 end of the day, Pro V&V was the one  
14 that was, in our view, willing and able  
15 to do the job.

16 So what I've done is, I've  
17 obviously shared the specifics on the  
18 nature of the equipment and the items and  
19 the equipment with the vendors, and they  
20 confirmed to me whether they have  
21 sufficiency or not, but I can't give you  
22 a particular area number. Sorry.

23 THE COURT: Okay. And,  
24 basically, we've got temperature and  
25 humidity concerns. Is there something

1 different about -- you know, every  
2 year, when the machines are not being  
3 used, they're being stored by all of  
4 the counties, you know, and taken out  
5 and prepared for use for the primary,  
6 then put back in storage, and then  
7 taken out and prepared for use in the  
8 general election, and then put back  
9 into storage.

10 And so, can somebody explain --  
11 and I understand this isn't on the  
12 record, but I'm just trying to  
13 understand.

14 You know, I'm looking at the  
15 filings that have come in and am thinking  
16 about our task was simply to select a  
17 third-party vendor that could store these  
18 machines, and it did not appear initially  
19 to me that it was going to be anything  
20 more complicated than what occurs every  
21 year with all of the vending machines  
22 that are stored and then prepared for  
23 use.

24 And so, what I'm trying to  
25 understand is why it appears that there

1 is such a specific -- why there might be  
2 a need for the type of storage that we  
3 have here.

4 So, Mr. Wiygul, you're the one  
5 who seems to be saying that there needs  
6 to be this special kind of expertise.  
7 Could you explain that a little bit more?

8 ATTY WIYGUL: Yeah. Your  
9 Honor, I think I would answer, if I  
10 may, and I apologize for not seeming to  
11 answer your earlier question.

12 But I think part of the answer  
13 is -- and, again, I'm paraphrasing what  
14 I've spoken to my expert about. There  
15 are indicators for escrowing technology  
16 such as election machines but not that  
17 they're unique to election machine. And  
18 those standards are followed by the  
19 companies that do business in that area,  
20 in that industry. And they do involve,  
21 you know, particular specifications in  
22 terms of environmental controls.

23 And I'm not -- again, not being  
24 an expert myself, I can't tell you,  
25 unfortunately, what the, you know,

1 specific ranges that need to be  
2 maintained for the temperature and the  
3 humidity are, but I know that there are  
4 industry standards for that, and I think  
5 that it's important in this case.

6 In addition -- well, let me make  
7 a separate point. I think another part  
8 of the issue here is, we are talking  
9 about potentially long-term preservation  
10 of data on pieces of equipment. We're  
11 not in a situation where, you know, the  
12 machines, as I understand it, when  
13 they're used in elections, before each  
14 and every election, there is an  
15 inspection of the machines that is done.  
16 You know, there is a verification made  
17 that everything is installed with the  
18 version of software, et cetera, that it  
19 should be installed on.

20 So the machines are not being  
21 used to preserve data over extremely long  
22 periods of time, which is what their  
23 value as evidence is. So I think that  
24 might also be a consideration, I'm sure,  
25 as well.



1           But I think our primary point is  
2           that these are digital assets as opposed  
3           to documents or, you know, other physical  
4           objects. And so, they're more sensitive,  
5           and they do require more refined  
6           conditions in order to ensure that they  
7           are properly preserved over what could  
8           potentially be a long period of time.

9           THE COURT: So, basically, any  
10          escrow agent that is familiar with  
11          preserving digital data, so any kind of  
12          computers or any kind of technology  
13          that contains digital information. Any  
14          of those types of entities would be an  
15          appropriate escrow agent for this  
16          equipment. It would not need to be a  
17          company that specializes in voting  
18          equipment.

19          ATTY WIYGUL: Your Honor, I  
20          don't know that it would absolutely  
21          have to be a company that specializes  
22          in voting equipment.

23          My understanding is -- and,  
24          again, I'm a little nervous about making  
25          factual proffers just because I'm not the

1 expert here and I'm relying on my expert  
2 --

3 THE COURT: Right.

4 ATTY WIYGUL: -- but I  
5 understand that there are certainly a  
6 categorical distinctions between  
7 storing sensitive pieces of technology,  
8 the data, versus I'll call them, you  
9 know, dumb objects, you know, that  
10 don't have data on them.

11 And even within the category of  
12 technology, I understand that there are  
13 different industry standards in terms of  
14 environmental conditions for different  
15 types of technology. And, again, I  
16 expected that this is something that our  
17 expert is going to be able to illuminate  
18 more fully.

19 So I think the short answer to  
20 your question is: No, we don't think it  
21 has to be, you know -- that only a voting  
22 system test lab would have -- would be  
23 able to provide the appropriate  
24 environmental conditions, but we do think  
25 that some knowledge and some particular

1 types of facilities are required here.

2 THE COURT: Okay.

3 (Indiscernible cross talk.)

4 ATTY CARROLL: Your Honor, if I  
5 may --

6 THE COURT: Yes, of course.

7 ATTY CARROLL: I'm sorry. I  
8 apologize if I interrupted, Your Honor.

9 I would ask for clarification of  
10 that position, of Mr. Wiygul's position,  
11 that data can disappear from these  
12 machines if they're not turned on and  
13 charted. That seems to be what he's  
14 saying.

15 THE COURT: No. Well, I think  
16 what he's saying is, there's -- that --  
17 well, that data can be very -- I'm not  
18 sure exactly of what he was saying, but  
19 he was trying to answer my question.

20 I think that in trying to figure  
21 out the appropriate -- because all we're  
22 looking at here, the only purpose, my  
23 only purpose in talking with you and what  
24 we're trying to do here is to find a  
25 place for these machines to be stored

1 while your other litigation continues.

2 And, you know, obviously, to the  
3 extent we can find a secure facility  
4 where the machines can be safely  
5 maintained in their current status  
6 without any additional or unnecessary  
7 complication is what I think we're  
8 looking for.

9 ATTY CARROLL: Yes, Your Honor,  
10 I understand what you're saying, but  
11 I'm just trying to understand the --  
12 make a clarification so that I can  
13 evaluate my witness list to determine  
14 the standards of the industry that he  
15 is proposing in this proposed hearing.

16 I've never seen this equipment in  
17 any way, but I think that, if I  
18 understand, a room that's ten-by-ten  
19 would be sufficient in terms of the size  
20 to store the equipment.

21 THE COURT: Okay. It would be  
22 climate-controlled with controls on the  
23 humidity and temperature where he would  
24 keep, you know, sensitive equipment.

25 Have both sides looked into such

1 vendors?

2 ATTY WIYGUL: We have, Your  
3 Honor. This is Robert Wiygul for the  
4 Secretary.

5 We've investigated a number of  
6 different vendors that deal with the  
7 technology and preservation of  
8 technological pieces of evidence. And,  
9 you know, we thought Pro V&V was head-  
10 and-shoulders the best choice, and as has  
11 been alluded to, at one point, in an  
12 effort to try to negotiate the case, we  
13 explored the possibility of an  
14 alternative vendor who we did not think  
15 was as qualified as Pro V&V, but that we  
16 thought might meet the baseline  
17 requirements here.

18 And at the end of the day, they  
19 were not willing to, you know, put  
20 themselves into candidacy. And so,  
21 that's why we have applied for the  
22 appointment of Pro V&V.

23 THE COURT: So they took  
24 themselves out of consideration?

25 ATTY WIYGUL: That's right,

1 Your Honor.

2 ATTY CARROLL: Your Honor, I  
3 think that, again, the Fulton County's  
4 response is dependent on whether  
5 Mr. Wiygul's position is that data can  
6 disappear over a period of time. He is  
7 not clarifying that position, and  
8 that's the key to this question here.

9 ATTY WIYGUL: Your Honor, may  
10 I -- would you like me to address that  
11 point?

12 THE COURT: Sure.

13 ATTY WIYGUL: I think the point  
14 that I'm making here is I -- again, I'm  
15 imparting information from my expert,  
16 who has told me that it may be  
17 important to him to do everything that  
18 is necessary to preserve the equipment  
19 and the data, that the machine be  
20 charged periodically.

21 But I think -- I mean, the other  
22 consideration here -- and I think this  
23 goes back to the evidence that came in in  
24 the November hearing is, it's not always  
25 clear whether data has been altered.

1                   And so, part of the point of  
2                   these vigorous standards regarding both  
3                   environmental control and chain of  
4                   custody, and so that the parties, to  
5                   ensure that the procedures were such that  
6                   they have minimized to the greatest  
7                   degree feasibly possible, if not wholly  
8                   eliminated, the risk that, you know, data  
9                   may have been altered in a way that is  
10                  undetectable.

11                  And I think that would be  
12                  important to the special managers in the  
13                  Supreme Court findings of our  
14                  exspoliation in the underlying  
15                  proceedings, which was that there would  
16                  necessarily be concrete proof that  
17                  changes or alterations or deletions had  
18                  occurred, but that there could be no  
19                  certainty, given what had transpired,  
20                  that they did not occur.

21                  And I think that's -- you know,  
22                  it's that general phenomenon that is in  
23                  part in forming our advocacy for fairly  
24                  rigorous standards of maintenance and  
25                  chain of custody here.

1                   ATTY CARROLL: Your Honor, I  
2                   would object to that. That's not what  
3                   we're here for today, Your Honor. It's  
4                   clearly stated what we're here for, and  
5                   he's trying to expand the scope into  
6                   something that has already been  
7                   resolved.

8                   THE COURT: In what way? Can  
9                   you explain your objection?

10                  ATTY CARROLL: I'm sorry.  
11                  Could you say that again? It's hard to  
12                  hear you.

13                  THE COURT: Okay. This is  
14                  informal. There are no real  
15                  objections, and I will overrule your  
16                  objection.

17                  So, okay. I wanted to have a  
18                  better understanding, and I think I do  
19                  now. I had hoped that we would be able  
20                  to avoid some of the testimony that if it  
21                  was possible to find a vendor that would  
22                  be competent and capable of storing  
23                  technologically-sensitive equipment but  
24                  not necessarily having an expertise in  
25                  voting machines.



1           I had thought that the parties'  
2           experts would be able to examine the  
3           machines, you know, before they're placed  
4           into custody, you know, when necessary  
5           for purposes of the litigation. But we  
6           can think about that.

7           ATTY CARROLL: Your Honor, I'm  
8           sorry to interrupt you. I could not  
9           hear you. Can I ask for a  
10          clarification of what you said about an  
11          examination? I'm not hearing you.

12          THE COURT: What I said was  
13          what my initial understanding had been  
14          of how the escrow would occur, you  
15          know, that there would be an inspection  
16          at the beginning, before the items were  
17          placed into escrow. And then to the  
18          extent that they were needed during the  
19          course of any litigation obviously that  
20          would occur.

21          But either there would be  
22          inventory, and when you take possession,  
23          if there were any inspections necessary  
24          in order to document the condition of the  
25          equipment as it was placed into escrow so

1           that it would be there.

2                       But I think that what we're going  
3           to have to do is continue with the  
4           hearing as it's currently scheduled on  
5           Monday, but I would like you both to  
6           think of whether you can come up with a  
7           potential escrow agent that would have  
8           expertise in maintaining technologically-  
9           sensitive equipment and whether that  
10          would be sufficient for our purposes  
11          here.

12                      And I'm not sure if there's  
13          anything further that needs to be  
14          discussed here. Is there anything  
15          further, Attorney Wiygul?

16                      ATTY WIYGUL: I'd just like to  
17          make two quick points, if I may, Your  
18          Honor. One is, I appreciate the goal  
19          that Your Honor has laid out. I think  
20          that ensuring evidence, as I understand  
21          Your Honor's suggestion, really was a  
22          candidate that fell into that niche  
23          from our perspective. And as I said,  
24          they, unfortunately, were not willing  
25          to go forward. So we did make that

1 effort and, unfortunately, it was not  
2 successful at the end of the day.

3 The second point I would make is,  
4 as I was reading Your Honor's order from  
5 yesterday with respect to the question of  
6 experience specific to election security,  
7 the Secretary does agree that the expert  
8 is certainly not going to be involved in  
9 any kind of forensic examination of the  
10 machines or any audit or anything like  
11 that.

12 So to the extent that there are  
13 evidentiary questions or questions of  
14 presenting potential evidence regarding  
15 auditing or forensic analysis, we do  
16 believe that that evidence is not  
17 relevant to the purpose of this hearing.

18 ATTY CARROLL: Your Honor, if I  
19 may just reply.

20 THE COURT: Yes.

21 ATTY CARROLL: You had put  
22 forward today that it was your  
23 understanding that there would be an  
24 inspection that is, in fact, new  
25 evidence or new information that was

1 not --

2 THE COURT: No, I'm sorry. I  
3 may have -- I apologize if I misspoke.  
4 Maybe "inspection" was the wrong word  
5 to use. Probably "inventory" was a  
6 better word for me to use.

7 But that there would be some --  
8 you know, that the machines and all of  
9 the equipment that would be placed into  
10 escrow would be inventoried before it's  
11 placed into the escrow, into storage,  
12 where it will be safely and securely  
13 maintained during the pendency of the  
14 litigation.

15 And, frankly, I didn't appreciate  
16 how complicated this idea of securing  
17 these machines would be, but I look  
18 forward to being educated about it  
19 beginning Monday.

20 ATTY CARROLL: Right. Your  
21 Honor, I would just then -- now that  
22 you clarified that you meant inspection  
23 over --

24 THE COURT: Inventory.

25 ATTY CARROLL: I mean inventory

1 over inspection, I would have the same  
2 question: Who would do the inventory  
3 and what would it consist of? 'Cause  
4 that has never been put forward before.  
5 That's what I'm asking now.

6 THE COURT: Well, I would think  
7 that whenever items are placed into an  
8 escrow, that there would be an  
9 inventory of those items so that  
10 everybody is on the same page as when  
11 the escrow is finished, that the  
12 inventory would need to be matched with  
13 the items that are there to assure that  
14 there has been -- you know, that  
15 everything continues to be secure.

16 ATTY CARROLL: So my question  
17 would be: Is the Court ordering --

18 THE COURT: I'm not ordering  
19 anything.

20 ATTY CARROLL: -- a forensic  
21 inventory? This is --

22 THE COURT: No, this court is  
23 not ordering anything. This court is  
24 not ordering anything.

25 ATTY CARROLL: Okay. I'm

1           sorry, Your Honor. Thank you.

2                   THE COURT: I think that we --  
3           Dominion, I apologize. I have not  
4           asked you for your... position on  
5           anything that we've discussed.

6                   ATTY GALLAGHER: This is Shawn  
7           Gallagher, Your Honor.

8                   I mean, we agree with the  
9           position of the Secretary. I mean, we  
10          were just asked if the equipment at issue  
11          has been designated as critical  
12          infrastructure by the Department of  
13          Homeland Security, you know.

14                   And for those reasons, we agree  
15          that Pro V&V, which is a nonpartisan,  
16          federally-accredited voting system test  
17          lab, would be the appropriate escrow  
18          agent.

19                   THE COURT: Okay. And with  
20          regard to the question of whether a  
21          vendor with experience in maintaining  
22          sensitive technological information but  
23          not necessarily voting equipment would  
24          be an adequate third-party escrow  
25          agent. Does Dominion have a position

1 about that?

2 ATTY GALLAGHER: I would just  
3 echo the comments of Mr. Wiygul. Same  
4 position.

5 THE COURT: Okay. Thank you.

6 ATTY GALLAGHER: Thank you.

7 THE COURT: Okay. I appreciate  
8 your time today, and I will look  
9 forward to seeing all of you on Monday.

10 ATTY WIYGUL: Your Honor, will  
11 you indulge me? Can I just ask a  
12 couple of administrative questions that  
13 will help us in preparing for the  
14 hearing? It doesn't involve the  
15 outstanding evidentiary issues.

16 THE COURT: Okay.

17 ATTY WIYGUL: Thank you, Your  
18 Honor.

19 One of our proposed witnesses is  
20 going to be in Florida, a representative  
21 of Pro V&V, and he has filed a motion  
22 seeking permission for him to testify  
23 remotely. I don't believe that either  
24 party filed an opposition to that.

25 And just for administrative

1 purposes, I wonder if Your Honor might  
2 give us some guidance about when we might  
3 expect a ruling on that.

4 THE COURT: Yes. We will issue  
5 an order with regard to this afternoon.

6 ATTY WIYGUL: Thank you.

7 And I think my only other  
8 questions are that the parties seem to  
9 have a pretty wide difference of opinion  
10 about the length of the hearing, and I  
11 wonder if Your Honor had any guidance as  
12 to that for purposes of making hotel  
13 reservations and that sort of thing.

14 THE COURT: I am not inclined  
15 to have this hearing last any longer  
16 than is necessary. We have not made  
17 arrangements for that. So I suppose  
18 that would be -- let's see.

19 Secretary, you've said six hours,  
20 was it?

21 ATTY WIYGUL: I think it was  
22 four hours, Your Honor, to present the  
23 direct testimony of our witnesses.

24 THE COURT: Okay. And let's  
25 see, Mr. Carroll, your estimate was



1 significantly different.

2 ATTY CARROLL: Yes. I think it  
3 would take several days to address the  
4 competency, conflict, and ability to  
5 secure the evidence from all of these  
6 witnesses.

7 THE COURT: Well, yeah. And we  
8 do have other hearings scheduled. In  
9 fact, we have another hearing in  
10 another case scheduled for the next  
11 day.

12 So I was anticipating it taking  
13 only one day. If we need to have it go  
14 into a second day, it would have to be  
15 later in the week, but I don't anticipate  
16 it taking more than a day-and-a-half or  
17 two days.

18 We'll have to try to, you know,  
19 limit the testimony or be very efficient  
20 with the questioning, I think.

21 ATTY CARROLL: Your Honor, I  
22 just have one question if Mr. Wiygul is  
23 finished with his remarks.

24 THE COURT: Yes.

25 ATTY CARROLL: That would be if

1 the Court intended rule on our request  
2 to stay based on the petition having  
3 been filed.

4 THE COURT: I'm sorry. Could  
5 you say that again, please?

6 ATTY CARROLL: With regard to  
7 the application of these files for a  
8 stay based on the petition being filed  
9 to the United States Supreme Court, are  
10 you planning on making a ruling on  
11 that?

12 THE COURT: I can make a ruling  
13 on that before we begin.

14 ATTY CARROLL: Thank you, Your  
15 Honor.

16 THE COURT: I appreciate the  
17 difficulty of trying to approve the  
18 proper place for this equipment to be  
19 stored, and I understand the importance  
20 of it. I do want to make sure that  
21 both sides have the opportunity they  
22 need to present the testimony that is  
23 relevant to the inquiry at hand.

24 And so, we will endeavor to do  
25 that if we have to come early or stay

1 late or two breaks. Whatever we need to  
2 do, we will do.

3 But I would also respect the time  
4 and effort that everybody is putting in  
5 and the fact that, under the current  
6 orders of the Supreme Court, the  
7 taxpayers of Fulton County are paying a  
8 price for this, and I want to be mindful  
9 that we're careful in how we spend their  
10 tax dollars as well.

11 And so, I think I'm going to ask  
12 everyone to be as efficient as they can  
13 with the questioning of the witnesses and  
14 be as prepared as they can and see how  
15 expeditiously we can resolve this  
16 inquiry, which is really just -- the  
17 focus is just to find an appropriate  
18 place where this equipment can be  
19 maintained securely during the pendency  
20 of the litigation that you have and that  
21 you're currently involved in.

22 (Indiscernible cross talk.)

23 ATTY WIYGUL: I'm sorry, Your  
24 Honor.

25 THE COURT: Go ahead.

1                   ATTY WIYGUL: I was just going  
2 to inquire in terms of, again, just  
3 from an administrative standpoint to  
4 make sure, in the interest of  
5 efficiency, that we have our witnesses  
6 ready to go at the right time.

7                   Does Your Honor have a view as to  
8 which party should go first in presenting  
9 the evidence? I think, you know, the  
10 Secretary could be accurately described  
11 as the (indiscernible), so we were  
12 prepared to put on our evidence first,  
13 but I did want to inquire the Court about  
14 its expectation.

15                  THE COURT: Thank you.

16                  We'll issue an order later today  
17 that will set forth our understanding of  
18 how the hearing will proceed, and that  
19 will give you what you need.

20                  ATTY WIYGUL: Thank you, Your  
21 Honor.

22                  THE COURT: Thank you for  
23 asking the question.

24                  Are there any other questions?

25                  ATTY CARROLL: Not from the

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

Fulton County side, Your Honor.

THE COURT: Okay. Thank you very much. I appreciate your input today and your all being present, and look forward to seeing you on Monday. Thank you.

(Proceedings end at 1:55 p.m.)

\* \* \*

## CERTIFICATE

I HEREBY CERTIFY that the proceedings, evidence, and objections are contained fully and accurately in the stenographic notes taken by me upon the proceedings in the foregoing matter taken on Wednesday, August 23, 2023, and that this is a true and correct transcript of same.

---

Josephine Cardillo

Professional Court Reporter  
and Notary Public

(The foregoing certification of this transcript does not apply to any reproduction of the same by any means, unless under the direct control and/or supervision of the certifying reporter.)

|   |  |   |   |  |
|---|--|---|---|--|
| A   | 26:24<br><b>analysis (1)</b><br>31:15                        | 14:15,24;15:21;<br>16:16,22;17:2,7;<br>19:8;21:19;22:4; | <b>called (1)</b><br>10:16                        | 13:15,20;23:9;<br>24:12;29:10                    |
| <b>ability (3)</b><br>16:23;17:1;37:4                       | <b>and-shoulders (1)</b><br>25:10                            | 23:4,7;24:9;25:2,25;<br>26:2,9,13;28:1,10;              | <b>calls (1)</b><br>8:18                          | <b>clarified (1)</b><br>32:22                    |
| <b>able (7)</b><br>14:16;15:2;17:14;<br>22:17,23;28:19;29:2 | <b>announce (1)</b><br>4:22                                  | 29:7;30:16;31:18,<br>21;32:20,25;33:16,                 | <b>came (1)</b><br>26:23                          | <b>clarifying (1)</b><br>26:7                    |
| <b>absolutely (1)</b><br>21:20                              | <b>anticipate (1)</b><br>37:15                               | 20,25;34:6;35:2,6,<br>10,17;36:6,21;37:2,               | <b>cameras (1)</b><br>9:24                        | <b>clear (3)</b><br>9:6;15:8;26:25               |
| <b>accurately (1)</b><br>40:10                              | <b>anticipated (1)</b><br>12:16                              | 21,25;38:6,14;39:23;<br>40:1,20,25                      | <b>Can (22)</b><br>6:4,9;11:15;13:11;             | <b>clearly (1)</b><br>28:4                       |
| <b>acquisition (1)</b><br>11:13                             | <b>anticipating (1)</b><br>37:12                             | <b>audit (1)</b><br>31:10                               | 15:25;18:10;23:11,<br>17:24;3,4,12;26:5;          | <b>climate-controlled (1)</b><br>24:22           |
| <b>actual (1)</b><br>13:4                                   | <b>apologize (5)</b><br>15:1;19:10;23:8;                     | <b>auditing (1)</b><br>31:15                            | 28:8;29:6,9;30:6;<br>35:11;38:12;39:12,           | <b>co-counsels (1)</b><br>4:21                   |
| <b>addition (2)</b><br>10:18;20:6                           | <b>appear (1)</b><br>18:18                                   | <b>Auld (2)</b><br>7:16;14:3                            | 14,15,18  | <b>Cohn (1)</b><br>5:23                          |
| <b>additional (1)</b><br>24:6                               | <b>appears (2)</b><br>7:12;18:25                             | <b>avoid (1)</b><br>28:20                               | <b>candidacy (1)</b><br>25:20                     | <b>collected (1)</b><br>11:10                    |
| <b>address (3)</b><br>16:1;26:10;37:3                       | <b>Appellees (1)</b><br>6:23                                 | <b>B</b>  | <b>candidate (3)</b><br>9:3,10;30:22              | <b>comfortable (1)</b><br>10:5                   |
| <b>adequate (1)</b><br>34:24                                | <b>application (1)</b><br>38:7                               | <b>back (4)</b><br>13:11;18:6,8;<br>26:23               | <b>capable (1)</b><br>28:22                       | <b>coming (1)</b><br>9:25                        |
| <b>administrative (4)</b><br>4:2;35:12,25;40:3              | <b>applied (1)</b><br>25:21                                  | <b>background (1)</b><br>8:25                           | <b>Cardillo (2)</b><br>4:7;6:6                    | <b>comments (1)</b><br>35:3                      |
| <b>advocacy (1)</b><br>27:23                                | <b>appointment (1)</b><br>25:22                              | <b>bare- (1)</b><br>9:15                                | <b>CARROLL (31)</b><br>4:14,15;13:12;             | <b>Commonwealth (3)</b><br>4:3,18;6:24           |
| <b>afternoon (3)</b><br>4:17;5:22;36:5                      | <b>appreciate (5)</b><br>30:18;32:15;35:7;<br>38:16;41:3     | <b>based (2)</b><br>38:2,8                              | 14:15,24;15:9,21;<br>16:16,22;17:2;23:4,          | <b>companies (1)</b><br>19:19                    |
| <b>again (11)</b><br>9:16;12:5;19:13,<br>23;21:24;22:15;    | <b>appropriate (7)</b><br>10:12;11:14;<br>21:15;22:23;23:21; | <b>baseline (1)</b><br>25:16                            | 7;24:9;26:2;28:1,10;<br>29:7;31:18,21;32:20,      | <b>company (2)</b><br>21:17,21                   |
| <b>agent (19)</b><br>7:6,8,21;8:3;9:4;<br>11:11,11;12:21;   | <b>approve (1)</b><br>38:17                                  | <b>basically (3)</b><br>16:6;17:24;21:9                 | 25;33:16,20,25;<br>36:25;37:2,21,25;              | <b>competency (5)</b><br>16:1,17,23,25;37:4      |
| <b>agents (1)</b><br>7:14                                   | <b>area (2)</b><br>17:22;19:19                               | <b>begin (2)</b><br>5:20;38:13                          | 38:6,14;40:25                                     | <b>competent (1)</b><br>28:22                    |
| <b>agree (4)</b><br>8:9;31:7;34:8,14                        | <b>Aronchick (2)</b><br>4:19,25                              | <b>beginning (2)</b><br>29:16;32:19                     | <b>case (5)</b><br>8:17;14:1;20:5;<br>25:12;37:10 | <b>complicated (2)</b><br>18:20;32:16            |
| <b>agreement (1)</b><br>8:11                                | <b>arrangements (1)</b><br>36:17                             | <b>behalf (4)</b><br>5:1,5,9,13                         | 25:12;37:10                                       | <b>complication (1)</b><br>24:7                  |
| <b>ahead (1)</b><br>39:25                                   | <b>aside (1)</b><br>15:10                                    | <b>best (3)</b><br>6:8;9:10;25:10                       | <b>categorical (1)</b><br>22:6                    | <b>component (1)</b><br>11:6                     |
| <b>al (1)</b><br>6:22                                       | <b>aspect (1)</b><br>10:19                                   | <b>better (2)</b><br>28:18;32:6                         | <b>category (1)</b><br>22:11                      | <b>computers (1)</b><br>21:12                    |
| <b>allowed (1)</b><br>10:1                                  | <b>aspects (1)</b><br>9:17                                   | <b>bit (1)</b><br>19:7                                  | <b>Cause (1)</b><br>33:3                          | <b>concerned (1)</b><br>16:12                    |
| <b>alluded (1)</b><br>25:11                                 | <b>assets (2)</b><br>10:14;21:2                              | <b>both (7)</b><br>7:12;12:16,25;<br>24:25;27:2;30:5;   | <b>certainly (2)</b><br>22:5;31:8                 | <b>concerns (1)</b><br>17:25                     |
| <b>alterations (1)</b><br>27:17                             | <b>Associates (2)</b><br>7:17;14:4                           | 38:21   | <b>certainty (1)</b><br>27:19                     | <b>concrete (1)</b><br>27:16                     |
| <b>altered (2)</b><br>26:25;27:9                            | <b>assure (1)</b><br>33:13                                   | <b>breaks (1)</b><br>39:1                               | <b>cetera (2)</b><br>10:11;20:18                  | <b>condition (2)</b><br>11:8;29:24               |
| <b>alternative (5)</b><br>7:14;9:3,8;14:3;<br>25:14         | <b>attached (1)</b><br>11:2                                  | <b>Buchanan (2)</b><br>5:8,12                           | <b>chain (6)</b><br>10:20,22;11:5,14;<br>27:3,25  | <b>conditions (4)</b><br>10:10;21:6;22:14,<br>24 |
| <b>always (1)</b>   | <b>attorney (5)</b><br>13:10,15;15:8;<br>17:6;30:15          | <b>business (1)</b><br>19:19                            | <b>changes (1)</b><br>27:17                       | <b>conference (3)</b><br>5:20;6:21;7:4           |
|   | <b>ATTY (54)</b><br>4:14,17,24;5:3,7,<br>11;7:24;10:7;13:12; | <b>C</b>  | <b>charge (1)</b><br>11:21                        | <b>confirmed (1)</b><br>17:20                    |
|   |  | <b>call (5)</b><br>5:17,17,25;9:19;<br>22:8             | <b>charged (1)</b><br>26:20                       | <b>conflict (1)</b><br>37:4                      |
|   |  |   | <b>charted (1)</b><br>23:13                       | <b>conflicts (2)</b><br>15:23;16:12              |
|   |  |   | <b>choice (1)</b><br>25:10                        | <b>consideration (4)</b><br>8:15;20:24;25:24;    |
|   |  |   | <b>clarification (5)</b>                          |  |

|                         |                           |                   |
|-------------------------|---------------------------|-------------------|
| 26:22                   | <b>cutting (1)</b>        | 25                |
| <b>consist (1)</b>      | 6:8                       | <b>done (2)</b>   |
| 33:3                    |                           | 17:16;20:15       |
| <b>consulted (1)</b>    | <b>D</b>                  | <b>door (1)</b>   |
| 12:6                    |                           | 13:1              |
| <b>contains (1)</b>     | <b>data (15)</b>          | <b>dumb (1)</b>   |
| 21:13                   | 8:7;9:14;10:14;           | 22:9              |
| <b>continue (1)</b>     | 11:24;20:10,21;           | <b>during (3)</b> |
| 30:3                    | 21:11;22:8,10;23:11,      | 29:18;32:13;39:19 |
| <b>continues (2)</b>    | 17:26;5,19,25;27:8        |                   |
| 24:1;33:15              | <b>day (6)</b>            | <b>E</b>          |
| <b>control (1)</b>      | 17:13;25:18;31:2;         |                   |
| 27:3                    | 37:11,13,14               |                   |
| <b>controls (2)</b>     | <b>day-and-a-half (1)</b> |                   |
| 19:22;24:22             | 37:16                     |                   |
| <b>convention (1)</b>   | <b>days (2)</b>           |                   |
| 7:9                     | 37:3,17                   |                   |
| <b>conventional (1)</b> | <b>deal (1)</b>           |                   |
| 15:17                   | 25:6                      |                   |
| <b>counsel (6)</b>      | <b>degree (1)</b>         |                   |
| 4:10,11,12,15;          | 27:7                      |                   |
| 5:15;6:14               | <b>deletions (1)</b>      |                   |
| <b>counties (1)</b>     | 27:17                     |                   |
| 18:4                    | <b>Department (2)</b>     |                   |
| <b>County (11)</b>      | 5:2;34:12                 |                   |
| 4:10,15;6:22;7:13,      | <b>dependent (1)</b>      |                   |
| 16,18;14:5,13,23;       | 26:4                      |                   |
| 39:7;41:1               | <b>described (1)</b>      |                   |
| <b>County's (2)</b>     | 40:10                     |                   |
| 13:10;26:3              | <b>designated (1)</b>     |                   |
| <b>couple (1)</b>       | 34:11                     |                   |
| 35:12                   | <b>determine (2)</b>      |                   |
| <b>course (2)</b>       | 7:4;24:13                 |                   |
| 23:6;29:19              | <b>dialing (1)</b>        |                   |
| <b>court (67)</b>       | 4:21                      |                   |
| 4:4,6,7;5:15,16,22;     | <b>difference (1)</b>     |                   |
| 6:2,5,6,10,16,18;7:1;   | 36:9                      |                   |
| 8:6;9:21;10:3;12:14;    | <b>different (10)</b>     |                   |
| 13:22;14:19;15:7;       | 10:13;11:1,2,4;           |                   |
| 16:5,21,25;17:3,23;     | 17:12;18:1;22:13,         |                   |
| 21:9;22:3;23:2,6,15;    | 14:25;6;37:1              |                   |
| 24:21;25:23;26:12;      | <b>difficulty (2)</b>     |                   |
| 27:13;28:8,13;          | 14:25;38:17               |                   |
| 29:12;31:20;32:2,       | <b>digital (4)</b>        |                   |
| 24;33:6,17,18,22,22,    | 10:14;21:2,11,13          |                   |
| 23;34:2,19;35:5,7,      | <b>Dimitri (1)</b>        |                   |
| 16;36:4,14,24;37:7,     | 5:4                       |                   |
| 24;38:1,4,9,12,16;      | <b>direct (1)</b>         |                   |
| 39:6,25;40:13,15,22;    | 36:23                     |                   |
| 41:2                    | <b>disappear (2)</b>      |                   |
| <b>Court's (1)</b>      | 23:11;26:6                |                   |
| 10:19                   | <b>discussed (2)</b>      |                   |
| <b>critical (1)</b>     | 30:14;34:5                |                   |
| 34:11                   | <b>distinctions (1)</b>   |                   |
| <b>cross (2)</b>        | 22:6                      |                   |
| 23:3;39:22              | <b>document (2)</b>       |                   |
| <b>current (2)</b>      | 11:13;29:24               |                   |
| 24:5;39:5               | <b>documents (2)</b>      |                   |
| <b>currently (2)</b>    | 8:22;21:3                 |                   |
| 30:4;39:21              | <b>dollars (1)</b>        |                   |
| <b>custody (8)</b>      | 39:10                     |                   |
| 10:21,22;11:5,15;       | <b>Dominion (5)</b>       |                   |
| 12:20;27:4,25;29:4      | 4:13;5:10,13;34:3,        |                   |



|  |  |   |  |   |
|--|--|---|--|---|
| <p><b>find (6)</b><br/>14:7,21;23:24;<br/>24:3;28:21;39:17</p> <p><b>findings (1)</b><br/>27:13</p> <p><b>finished (2)</b><br/>33:11;37:23</p> <p><b>firm (1)</b><br/>5:4</p> <p><b>First (7)</b><br/>4:4,10;7:18,19;<br/>13:14;40:8,12</p> <p><b>Florida (1)</b><br/>35:20</p> <p><b>focus (2)</b><br/>7:3;39:17</p> <p><b>followed (1)</b><br/>19:18</p> <p><b>footage (1)</b><br/>17:10</p> <p><b>forensic (3)</b><br/>31:9,15;33:20</p> <p><b>forming (1)</b><br/>27:23</p> <p><b>forth (1)</b><br/>40:17</p> <p><b>forward (7)</b><br/>11:16;30:25;<br/>31:22;32:18;33:4;<br/>35:9;41:5</p> <p><b>four (1)</b><br/>36:22</p> <p><b>frankly (1)</b><br/>32:15</p> <p><b>fully (1)</b><br/>22:18</p> <p><b>Fulton (9)</b><br/>4:11,15,16;6:22;<br/>7:16;14:4;26:3;39:7;<br/>41:1</p> <p><b>further (2)</b><br/>30:13,15</p> <p><b>future (1)</b><br/>8:12</p> | <p>4:17;5:22</p> <p><b>greatest (1)</b><br/>27:6</p> <p><b>Group (1)</b><br/>5:5</p> <p><b>guidance (2)</b><br/>36:2,11</p>  | <p><b>idea (1)</b><br/>32:16</p> <p><b>identified (3)</b><br/>6:1,13,14</p> <p><b>identify (1)</b><br/>4:5</p> <p><b>IES (1)</b><br/>7:16</p> <p><b>illuminate (1)</b><br/>22:17</p> <p><b>imparting (1)</b><br/>26:15</p> <p><b>importance (1)</b><br/>38:19</p> <p><b>important (6)</b><br/>8:14;9:1;10:19;<br/>20:5;26:17;27:12</p> <p><b>Inc (1)</b><br/>7:17</p> <p><b>inclined (1)</b><br/>36:14</p> <p><b>Incorporated (1)</b><br/>4:13</p> <p><b>indicated (1)</b><br/>7:2</p> <p><b>indicators (1)</b><br/>19:15</p> <p><b>Indiscernible (3)</b><br/>23:3;39:22;40:11</p> <p><b>indulge (1)</b><br/>35:11</p> <p><b>industry (4)</b><br/>19:20;20:4;22:13;<br/>24:14</p> <p><b>informal (1)</b><br/>28:14</p> <p><b>information (5)</b><br/>11:4;21:13;26:15;<br/>31:25;34:22</p> <p><b>informed (1)</b><br/>11:20</p> <p><b>infrastructure (1)</b><br/>34:12</p> <p><b>Ingersoll (2)</b><br/>5:8,12</p> <p><b>initial (1)</b><br/>29:13</p> <p><b>initially (1)</b><br/>18:18</p> <p><b>input (1)</b><br/>41:3</p> <p><b>inquire (2)</b><br/>40:2,13</p> <p><b>inquiry (2)</b><br/>38:23;39:16</p> <p><b>inside (1)</b><br/>13:2</p> <p><b>inspection (6)</b><br/>20:15;29:15;<br/>31:24;32:4,22;33:1</p> <p><b>inspections (1)</b><br/>29:23</p> <p><b>installed (2)</b></p> | <p>20:17,19</p> <p><b>Insurance (4)</b><br/>7:15;9:4,11;13:25</p> <p><b>integrity (1)</b><br/>16:11</p> <p><b>intended (1)</b><br/>38:1</p> <p><b>interest (3)</b><br/>15:23;16:12;40:4</p> <p><b>interpret (1)</b><br/>8:5</p> <p><b>interrupt (1)</b><br/>29:8</p> <p><b>interrupted (1)</b><br/>23:8</p> <p><b>Intervener (2)</b><br/>4:12;5:9</p> <p><b>into (14)</b><br/>12:20;18:9;24:25;<br/>25:20;28:5;29:4,17,<br/>25;30:22;32:9,11,11;<br/>33:7;37:14</p> <p><b>inventoried (1)</b><br/>32:10</p> <p><b>inventory (9)</b><br/>11:13;29:22;32:5,<br/>24,25;33:2,9,12,21</p> <p><b>investigated (1)</b><br/>25:5</p> <p><b>Investigation (2)</b><br/>7:17;14:4</p> <p><b>involve (2)</b><br/>19:20;35:14</p> <p><b>involved (2)</b><br/>31:8;39:21</p> <p><b>issue (9)</b><br/>8:5,14,18;10:25;<br/>12:1;20:8;34:10;<br/>36:4;40:16</p> <p><b>issued (1)</b><br/>7:3</p> <p><b>issues (2)</b><br/>15:22;35:15</p> <p><b>items (5)</b><br/>17:18;29:16;33:7,<br/>9,13</p> | <p style="text-align: center;"><b>K</b></p> <p><b>Kathleen (1)</b><br/>5:11</p> <p><b>keep (1)</b><br/>24:24</p> <p><b>keeping (1)</b><br/>13:17</p> <p><b>kept (1)</b><br/>11:15</p> <p><b>key (1)</b><br/>26:8</p> <p><b>kind (5)</b><br/>16:19;19:6;21:11,<br/>12;31:9</p> <p><b>knew (1)</b><br/>14:16</p> <p><b>knowledge (3)</b><br/>11:17;12:10;22:25</p>  |
| <p style="text-align: center;"><b>G</b></p> <p><b>GALLAGHER (6)</b><br/>5:7,8;34:6,7;35:2,<br/>6</p> <p><b>general (3)</b><br/>14:7;18:8;27:22</p> <p><b>generalities (1)</b><br/>13:23</p> <p><b>given (1)</b><br/>27:19</p> <p><b>goal (1)</b><br/>30:18</p> <p><b>goes (2)</b><br/>10:3;26:23</p> <p><b>GOLDMAN (2)</b><br/>5:11,12</p> <p><b>Good (2)</b></p>  | <p style="text-align: center;"><b>H</b></p> <p><b>hand (2)</b><br/>16:24;38:23</p> <p><b>Hangley (2)</b><br/>4:19,25</p> <p><b>hard (1)</b><br/>28:11</p> <p><b>head- (1)</b><br/>25:9</p> <p><b>head-and-shoulders (1)</b><br/>9:9</p> <p><b>hear (4)</b><br/>6:9,12;28:12;29:9</p> <p><b>heard (1)</b><br/>6:4</p> <p><b>Hearing (13)</b><br/>5:19;8:16;14:25;<br/>24:15;26:24;29:11;<br/>30:4;31:17;35:14;<br/>36:10,15;37:9;40:18</p> <p><b>hearings (1)</b><br/>37:8</p> <p><b>help (1)</b><br/>35:13</p> <p><b>herself (1)</b><br/>4:5</p> <p><b>HILL (2)</b><br/>4:24,25</p> <p><b>Homeland (1)</b><br/>34:13</p> <p><b>Honor (35)</b><br/>6:7;7:25;9:1;10:7;<br/>13:13;17:7;19:9;<br/>21:19;23:4,8;24:9;<br/>25:3;26:1,2,9;28:1,3;<br/>29:7;30:18,19;<br/>31:18;32:21;34:1,7;<br/>35:10,18;36:1,11,22;<br/>37:21;38:15;39:24;<br/>40:7,21;41:1</p> <p><b>Honor's (3)</b><br/>8:10;30:21;31:4</p> <p><b>hoped (1)</b><br/>28:19</p> <p><b>hotel (1)</b><br/>36:12</p> <p><b>hours (2)</b><br/>36:19,22</p> <p><b>humidity (4)</b><br/>10:11;17:25;20:3;<br/>24:23</p> | <p style="text-align: center;"><b>I</b></p>   | <p style="text-align: center;"><b>J</b></p> <p><b>job (1)</b><br/>17:15</p> <p><b>John (1)</b><br/>4:24</p> <p><b>Jones (1)</b><br/>5:11</p> <p><b>Josephine (2)</b><br/>4:6;6:6</p> <p><b>Jubelirer (1)</b><br/>5:24</p> <p><b>Judge (1)</b><br/>5:23</p>   | <p style="text-align: center;"><b>L</b></p> <p><b>lab (2)</b><br/>22:22;34:17</p> <p><b>laid (1)</b><br/>30:19</p> <p><b>last (1)</b><br/>36:15</p> <p><b>late (1)</b><br/>39:1</p> <p><b>later (2)</b><br/>37:15;40:16</p> <p><b>law (2)</b><br/>5:4,5</p> <p><b>length (1)</b><br/>36:10</p> <p><b>limit (1)</b><br/>37:19</p> <p><b>line (1)</b><br/>5:20</p> <p><b>list (1)</b><br/>24:13</p> <p><b>listening (1)</b><br/>5:17</p> <p><b>litigation (7)</b><br/>8:13;12:24;24:1;<br/>29:5,19;32:14;39:20</p> <p><b>little (3)</b><br/>14:25;19:7;21:24</p> <p><b>locked (1)</b><br/>9:23</p> <p><b>log (1)</b><br/>10:1</p> <p><b>long (2)</b><br/>20:21;21:8</p> <p><b>longer (1)</b><br/>36:15</p> <p><b>long-term (1)</b><br/>20:9</p> <p><b>look (3)</b><br/>32:17;35:8;41:5</p> <p><b>looked (1)</b></p> |

|   |  |  |   |  |
|---|--|--|---|--|
| 24:25<br><b>looking (3)</b><br>18:14;23:22;24:8   | <b>misspoke (1)</b><br>32:3<br><b>Monday (6)</b><br>8:17;10:9;30:5;<br>32:19;35:9;41:5<br><b>more (10)</b><br>10:6;14:17;15:4;<br>16:11;18:20;19:7;<br>21:4,5;22:18;37:16<br><b>motion (1)</b><br>35:21<br><b>much (4)</b><br>5:25;6:11;17:4;<br>41:3<br><b>must (1)</b><br>14:22<br><b>myself (1)</b><br>19:24  |  |   | 23:25;38:18;39:18<br><b>placed (6)</b><br>29:3,17,25;32:9,<br>11;33:7<br><b>planning (1)</b><br>38:10<br><b>play (1)</b><br>12:13<br><b>please (4)</b><br>4:5;5:19;6:11;38:5<br><b>pm (1)</b><br>41:7<br><b>point (12)</b><br>9:2,2;11:12,15;<br>14:18;20:7;21:1;<br>25:11;26:11,13;<br>27:1;31:3<br><b>points (1)</b><br>30:17<br><b>pose (1)</b><br>12:1<br><b>position (13)</b><br>13:16;14:13,23;<br>15:20;17:9;23:10,<br>10;26:5,7;34:4,9,25;<br>35:4<br><b>possessed (1)</b><br>8:20<br><b>possession (1)</b><br>29:22<br><b>possibility (2)</b><br>13:18;25:13<br><b>possible (3)</b><br>16:8;27:7;28:21<br><b>potential (4)</b><br>8:12;17:12;30:7;<br>31:14<br><b>potentially (3)</b><br>8:7;20:9;21:8<br><b>prehearing (1)</b><br>6:21<br><b>prepared (7)</b><br>8:15;10:8;18:5,7,<br>22;39:14;40:12<br><b>preparing (1)</b><br>35:13<br><b>present (7)</b><br>5:16;8:16;10:8;<br>12:18;36:22;38:22;<br>41:4<br><b>presenting (2)</b><br>31:14;40:8<br><b>preservation (6)</b><br>9:18;10:13;11:23;<br>12:2;20:9;25:7<br><b>preserve (3)</b><br>12:11;20:21;26:18<br><b>preserved (3)</b><br>10:23;11:7;21:7<br><b>preserving (1)</b><br>21:11<br><b>pretend (1)</b><br>12:5 |
| <b>M</b>  |  | <b>O</b>   | <b>P</b>  |  |
| <b>machine (4)</b><br>11:7;12:2;19:17;<br>26:19<br><b>machines (21)</b><br>11:9,21;12:18,24;<br>16:19;17:1;18:2,18,<br>21;19:16;20:12,15,<br>20;23:12,25;24:4;<br>28:25;29:3;31:10;<br>32:8,17<br><b>maintained (5)</b><br>11:19;20:2;24:5;<br>32:13;39:19<br><b>maintaining (2)</b><br>30:8;34:21<br><b>maintenance (3)</b><br>10:20;12:23;27:24<br><b>making (4)</b><br>21:24;26:14;<br>36:12;38:10<br><b>managers (1)</b><br>27:12<br><b>MAP (1)</b><br>7:1<br><b>MARVRUDIS (2)</b><br>5:3,4<br><b>matched (1)</b><br>33:12<br><b>matter (4)</b><br>6:22;12:3,9;15:3<br><b>may (11)</b><br>8:21;11:11,20;<br>19:10;23:5;26:9,16;<br>27:9;30:17;31:19;<br>32:3<br><b>Maybe (1)</b><br>32:4<br><b>MD (1)</b><br>6:25<br><b>mean (6)</b><br>12:15;13:6;26:21;<br>32:25;34:8,9<br><b>meant (1)</b><br>32:22<br><b>Media (2)</b><br>4:7,8<br><b>meet (1)</b><br>25:16<br><b>might (7)</b><br>12:11;15:2;19:1;<br>20:24;25:16;36:1,2<br><b>mindful (1)</b><br>39:8<br><b>minimized (1)</b><br>27:6<br><b>minimum (1)</b><br>9:16 | <b>name (1)</b><br>15:11<br><b>nature (3)</b><br>9:14;10:24;17:18<br><b>necessarily (3)</b><br>27:16;28:24;34:23<br><b>necessary (9)</b><br>7:5;10:12;11:21;<br>15:13;16:8;26:18;<br>29:4,23;36:16<br><b>need (13)</b><br>7:20;10:5;11:11;<br>15:22;16:3;19:2;<br>20:1;21:16;33:12;<br>37:13;38:22;39:1;<br>40:19<br><b>needed (2)</b><br>17:4;29:18<br><b>needs (6)</b><br>12:22;13:8;14:10,<br>22;19:5;30:13<br><b>negotiate (1)</b><br>25:12<br><b>nervous (1)</b><br>21:24<br><b>new (2)</b><br>31:24,25<br><b>next (2)</b><br>13:21;37:10<br><b>niche (1)</b><br>30:22<br><b>nobody (1)</b><br>10:1<br><b>none (1)</b><br>5:19<br><b>nonpartisan (1)</b><br>34:15<br><b>November (1)</b><br>26:24<br><b>number (3)</b><br>17:11,22;25:5 | <b>object (1)</b><br>28:2<br><b>objection (2)</b><br>28:9,16<br><b>objections (1)</b><br>28:15<br><b>objects (2)</b><br>21:4;22:9<br><b>obviously (4)</b><br>11:24;17:17;24:2;<br>29:19<br><b>occur (3)</b><br>27:20;29:14,20<br><b>occurred (1)</b><br>27:18<br><b>occurs (1)</b><br>18:20<br><b>offline (1)</b><br>10:2<br><b>one (13)</b><br>9:2;10:18;13:18,<br>24;14:17;15:4;<br>17:13;19:4;25:11;<br>30:18;35:19;37:13,<br>22<br><b>only (6)</b><br>15:5;22:21;23:22,<br>23;36:7;37:13<br><b>opened (1)</b><br>13:2<br><b>opinion (1)</b><br>36:9<br><b>opportunity (1)</b><br>38:21<br><b>opposed (2)</b><br>16:13;21:2<br><b>opposition (1)</b><br>35:24<br><b>order (10)</b><br>7:2;8:6,10;10:20;<br>11:23;21:6;29:24;<br>31:4;36:5;40:16<br><b>ordering (4)</b><br>33:17,18,23,24<br><b>orders (1)</b><br>39:6<br><b>others (1)</b><br>12:8<br><b>out (10)</b><br>6:8;9:2;13:17,24;<br>14:7;18:4,7;23:21;<br>25:24;30:19<br><b>outstanding (1)</b><br>35:15<br><b>over (5)</b><br>20:21;21:7;26:6;<br>32:23;33:1<br><b>overrule (1)</b><br>28:15 | <b>PA (1)</b><br>4:8<br><b>page (1)</b><br>33:10<br><b>paraphrasing (1)</b><br>19:13<br><b>part (4)</b><br>19:12;20:7;27:1,<br>23<br><b>particular (11)</b><br>8:4;10:9,16,21,24;<br>11:22,22;16:14;<br>17:22;19:21;22:25<br><b>parties (6)</b><br>7:12;12:16,25;<br>14:8;27:4;36:8<br><b>parties' (1)</b><br>29:1<br><b>parts (1)</b><br>11:3<br><b>party (4)</b><br>7:6;12:11;35:24;<br>40:8<br><b>past (1)</b><br>7:13<br><b>Paul (1)</b><br>4:1<br><b>paying (1)</b><br>39:7<br><b>pendency (2)</b><br>32:13;39:19<br><b>pending (1)</b><br>12:24<br><b>people (1)</b><br>13:2<br><b>period (2)</b><br>21:8;26:6<br><b>periodically (1)</b><br>26:20<br><b>periods (1)</b><br>20:22<br><b>permission (1)</b><br>35:22<br><b>perspective (1)</b><br>30:23<br><b>petition (2)</b><br>38:2,8<br><b>Petitioners (1)</b><br>6:23<br><b>phenomenon (1)</b><br>27:22<br><b>physical (6)</b><br>7:9;8:11,22;12:12;<br>15:17;21:3<br><b>picked (1)</b><br>11:10<br><b>pieces (4)</b><br>9:13;20:10;22:7;<br>25:8<br><b>place (3)</b> |  |

|   |  |   |   |  |
|---|--|---|---|--|
| <p><b>pretty (1)</b><br/>36:9<br/><b>price (1)</b><br/>39:8<br/><b>primary (3)</b><br/>7:3;18:5;21:1<br/><b>Pro (8)</b><br/>9:9;15:5;17:13;<br/>25:9,15,22;34:15;<br/>35:21<br/><b>probably (2)</b><br/>12:17;32:5<br/><b>procedures (1)</b><br/>27:5<br/><b>proceed (1)</b><br/>40:18<br/><b>proceedings (2)</b><br/>27:15;41:7<br/><b>proffers (1)</b><br/>21:25<br/><b>proof (1)</b><br/>27:16<br/><b>proper (1)</b><br/>38:18<br/><b>properly (1)</b><br/>21:7<br/><b>proposed (7)</b><br/>7:14;9:3;14:18,20;<br/>15:13;24:15;35:19<br/><b>proposing (3)</b><br/>15:5,11;24:15<br/><b>protect (1)</b><br/>16:2<br/><b>provide (1)</b><br/>22:23<br/><b>Pudlin (2)</b><br/>4:20;5:1<br/><b>purpose (4)</b><br/>8:10;23:22,23;<br/>31:17<br/><b>purposes (4)</b><br/>29:5;30:10;36:1,<br/>12<br/><b>put (7)</b><br/>13:6;18:6,8;25:19;<br/>31:21;33:4;40:12<br/><b>Putting (2)</b><br/>15:10;39:4</p> | <p style="text-align: center;"><b>R</b></p> <p><b>ranges (1)</b><br/>20:1<br/><b>rather (1)</b><br/>13:4<br/><b>reading (1)</b><br/>31:4<br/><b>ready (1)</b><br/>40:6<br/><b>real (1)</b><br/>28:14<br/><b>really (2)</b><br/>30:21;39:16<br/><b>reason (1)</b><br/>12:8<br/><b>reasons (1)</b><br/>34:14<br/><b>recent (1)</b><br/>7:13<br/><b>recognized (1)</b><br/>7:11<br/><b>recommendation (1)</b><br/>15:24<br/><b>recommended (1)</b><br/>14:2<br/><b>record (1)</b><br/>18:12<br/><b>recording (1)</b><br/>11:4<br/><b>refined (1)</b><br/>21:5<br/><b>regard (3)</b><br/>34:20;36:5;38:6<br/><b>regarding (3)</b><br/>12:2;27:2;31:14<br/><b>rejected (1)</b><br/>13:19<br/><b>relate (1)</b><br/>15:23<br/><b>relevant (3)</b><br/>11:6;31:17;38:23<br/><b>relying (1)</b><br/>22:1<br/><b>remarks (1)</b><br/>37:23<br/><b>remotely (1)</b><br/>35:23<br/><b>reply (1)</b><br/>31:19<br/><b>reporter (7)</b><br/>4:4,6;5:15;6:2,5,6,<br/>16<br/><b>Reporting (1)</b><br/>4:7<br/><b>representative (1)</b><br/>35:20<br/><b>request (1)</b><br/>38:1<br/><b>require (1)</b><br/>21:5<br/><b>required (2)</b></p> | <p>11:24;23:1<br/><b>requirements (2)</b><br/>14:8;25:17<br/><b>requires (1)</b><br/>11:16<br/><b>requiring (3)</b><br/>12:3,9;13:4<br/><b>reservations (1)</b><br/>36:13<br/><b>resolve (3)</b><br/>14:16;15:3;39:15<br/><b>resolved (1)</b><br/>28:7<br/><b>respect (4)</b><br/>10:17;17:11;31:5;<br/>39:3<br/><b>respectfully (1)</b><br/>13:14<br/><b>Respondent (1)</b><br/>6:25<br/><b>response (2)</b><br/>5:18;26:4<br/><b>reviewing (1)</b><br/>14:1<br/><b>Right (6)</b><br/>15:7;16:16;22:3;<br/>25:25;32:20;40:6<br/><b>rigorous (1)</b><br/>27:24<br/><b>risk (1)</b><br/>27:8<br/><b>RITCHEY (3)</b><br/>4:1,9;5:14<br/><b>Robert (3)</b><br/>4:19;7:25;25:3<br/><b>role (1)</b><br/>12:10<br/><b>room (2)</b><br/>9:23;24:18<br/><b>Rooney (2)</b><br/>5:9,13<br/><b>rule (1)</b><br/>38:1<br/><b>ruling (3)</b><br/>36:3;38:10,12</p> | <p><b>Schiller (2)</b><br/>4:20;5:1<br/><b>scope (1)</b><br/>28:5<br/><b>second (3)</b><br/>13:18;31:3;37:14<br/><b>second-choice (1)</b><br/>9:8<br/><b>Secretary (15)</b><br/>4:11,18;5:6;6:24;<br/>7:12,15,19;8:1;9:2;<br/>17:5;25:4;31:7;34:9;<br/>36:19;40:10<br/><b>secure (6)</b><br/>8:11;16:23;17:1;<br/>24:3;33:15;37:5<br/><b>securely (2)</b><br/>32:12;39:19<br/><b>securing (1)</b><br/>32:16<br/><b>securities (1)</b><br/>15:15<br/><b>security (9)</b><br/>7:7,10,22;9:18;<br/>11:18;14:12;15:18;<br/>31:6;34:13<br/><b>seeing (2)</b><br/>35:9;41:5<br/><b>seeking (1)</b><br/>35:22<br/><b>seem (1)</b><br/>36:8<br/><b>seeming (1)</b><br/>19:10<br/><b>seems (2)</b><br/>19:5;23:13<br/><b>Segal (2)</b><br/>4:20,25<br/><b>select (1)</b><br/>18:16<br/><b>selected (1)</b><br/>14:22<br/><b>sensitive (5)</b><br/>21:4;22:7;24:24;<br/>30:9;34:22<br/><b>separate (1)</b><br/>20:7</p> | <p><b>show (1)</b><br/>9:24<br/><b>side (1)</b><br/>41:1<br/><b>sides (2)</b><br/>24:25;38:21<br/><b>significantly (1)</b><br/>37:1<br/><b>simply (2)</b><br/>8:20;18:16<br/><b>situation (1)</b><br/>20:11<br/><b>six (1)</b><br/>36:19<br/><b>size (1)</b><br/>24:19<br/><b>software (1)</b><br/>20:18<br/><b>somebody (1)</b><br/>18:10<br/><b>sorry (9)</b><br/>13:22;17:22;23:7;<br/>28:10;29:8;32:2;<br/>34:1;38:4;39:23<br/><b>sort (3)</b><br/>12:1,15;36:13<br/><b>sorts (2)</b><br/>10:13;11:1<br/><b>sounded (1)</b><br/>6:7<br/><b>space (1)</b><br/>17:4<br/><b>speak (1)</b><br/>6:11<br/><b>special (2)</b><br/>19:6;27:12<br/><b>specialized (3)</b><br/>11:16;12:3,9<br/><b>specializes (2)</b><br/>21:17,21<br/><b>specific (4)</b><br/>8:18;19:1;20:1;<br/>31:6<br/><b>specifications (1)</b><br/>19:21<br/><b>specifics (1)</b><br/>17:17<br/><b>spend (1)</b><br/>39:9<br/><b>spoken (2)</b><br/>17:11;19:14<br/><b>spot (1)</b><br/>13:7<br/><b>square (1)</b><br/>17:10<br/><b>staff (2)</b><br/>4:2;5:16<br/><b>standards (6)</b><br/>19:18;20:4;22:13;<br/>24:14;27:2,24<br/><b>standpoint (1)</b><br/>40:3<br/><b>stated (1)</b></p> |
| <p style="text-align: center;"><b>Q</b></p> <p><b>qualification (1)</b><br/>9:16<br/><b>qualifications (1)</b><br/>16:17<br/><b>qualified (2)</b><br/>12:13;25:15<br/><b>quantify (1)</b><br/>17:10<br/><b>quick (1)</b><br/>30:17</p>  | <p style="text-align: center;"><b>S</b></p> <p><b>safe (1)</b><br/>11:25<br/><b>safely (2)</b><br/>24:4;32:12<br/><b>same (3)</b><br/>33:1,10;35:3<br/><b>saw (1)</b><br/>14:2<br/><b>saying (6)</b><br/>16:7;19:5;23:14,<br/>16,18;24:10<br/><b>schedule (1)</b><br/>11:22<br/><b>scheduled (3)</b><br/>30:4;37:8,10</p>  | <p style="text-align: center;"><b>S</b></p> <p><b>safe (1)</b><br/>11:25<br/><b>safely (2)</b><br/>24:4;32:12<br/><b>same (3)</b><br/>33:1,10;35:3<br/><b>saw (1)</b><br/>14:2<br/><b>saying (6)</b><br/>16:7;19:5;23:14,<br/>16,18;24:10<br/><b>schedule (1)</b><br/>11:22<br/><b>scheduled (3)</b><br/>30:4;37:8,10</p>   | <p><b>separately (1)</b><br/>4:22<br/><b>Services (4)</b><br/>7:16;9:5,12;13:25<br/><b>set (1)</b><br/>40:17<br/><b>several (1)</b><br/>37:3<br/><b>shared (1)</b><br/>17:17<br/><b>Shawn (2)</b><br/>5:7;34:6<br/><b>short (1)</b><br/>22:19<br/><b>shortly (1)</b><br/>5:21</p>   |  |

|  |  |  |  |   |
|--|--|--|--|---|
| 28:4<br><b>states (2)</b><br>12:21;38:9<br><b>status (1)</b><br>24:5<br><b>stay (4)</b><br>5:19;38:2,8,25<br><b>steps (1)</b><br>11:12<br><b>storage (5)</b><br>17:4;18:6,9;19:2;<br>32:11<br><b>store (2)</b><br>18:17;24:20<br><b>stored (6)</b><br>8:7;10:14;18:3,22;<br>23:25;38:19<br><b>storing (3)</b><br>9:13;22:7;28:22<br><b>successful (1)</b><br>31:2<br><b>sufficiency (1)</b><br>17:21<br><b>sufficient (6)</b><br>7:10,23;13:3;<br>15:18;24:19;30:10<br><b>suggestion (1)</b><br>30:21<br><b>suited (1)</b><br>12:11<br><b>suppose (1)</b><br>36:17<br><b>Supreme (6)</b><br>7:1;8:6;10:19;<br>27:13;38:9;39:6<br><b>sure (6)</b><br>20:24;23:18;<br>26:12;30:12;38:20;<br>40:4<br><b>system (2)</b><br>22:22;34:16<br><b>Systems (1)</b><br>4:13 | 7:8;9:13;15:16;<br>19:15;21:12;22:7,12,<br>15:25;7<br><b>temperature (4)</b><br>10:11;17:24;20:2;<br>24:23<br><b>ten-by-ten (1)</b><br>24:18<br><b>terms (4)</b><br>19:22;22:13;<br>24:19;40:2<br><b>test (2)</b><br>22:22;34:16<br><b>testify (1)</b><br>35:22<br><b>testimony (5)</b><br>10:8;28:20;36:23;<br>37:19;38:22<br><b>thereon (1)</b><br>11:24<br><b>thinking (2)</b><br>14:19;18:15<br><b>third- (1)</b><br>7:5<br><b>third-party (7)</b><br>7:21;14:10;15:18;<br>16:2,9;18:17;34:24<br><b>Thomas (1)</b><br>4:15<br><b>thought (4)</b><br>13:18;25:9,16;<br>29:1<br><b>threw (2)</b><br>13:17,24<br><b>times (1)</b><br>12:22<br><b>today (6)</b><br>6:21;28:3;31:22;<br>35:8;40:16;41:4<br><b>today's (2)</b><br>5:25;7:4<br><b>told (1)</b><br>26:16<br><b>took (1)</b><br>25:23<br><b>transpired (1)</b><br>27:19<br><b>transported (1)</b><br>12:19<br><b>try (2)</b><br>25:12;37:18<br><b>trying (12)</b><br>9:22;13:7;14:6,20;<br>18:12,24;23:19,20,<br>24:24;11;28:5;38:17<br><b>Tucker (1)</b><br>5:5<br><b>turn (1)</b><br>10:23<br><b>turned (1)</b><br>23:12<br><b>two (4)</b><br>4:21;30:17;37:17; | 39:1<br><b>type (5)</b><br>8:4,13,18;14:21;<br>19:2<br><b>types (5)</b><br>8:21;12:12;21:14;<br>22:15;23:1<br><br><b>U</b><br><br><b>under (1)</b><br>39:5<br><b>underlying (1)</b><br>27:14<br><b>understood (2)</b><br>15:3,5<br><b>undetectable (1)</b><br>27:10<br><b>Unfortunately (4)</b><br>17:8;19:25;30:24;<br>31:1<br><b>unique (3)</b><br>9:19,20;19:17<br><b>United (1)</b><br>38:9<br><b>unnecessary (1)</b><br>24:6<br><b>up (3)</b><br>6:11;11:10;30:6<br><b>use (6)</b><br>8:12;18:5,7,23;<br>32:5,6<br><b>used (3)</b><br>18:3;20:13,21<br><br><b>V</b><br><br><b>V&amp;V (8)</b><br>9:9;15:6;17:13;<br>25:9,15,22;34:15;<br>35:21<br><b>value (1)</b><br>20:23<br><b>vending (1)</b><br>18:21<br><b>vendor (13)</b><br>13:16;14:17,21;<br>15:4,10,11,13;16:2,<br>13;18:17;25:14;<br>28:21;34:21<br><b>vendors (4)</b><br>17:12,19;25:1,6<br><b>verification (1)</b><br>20:16<br><b>version (1)</b><br>20:18<br><b>versus (2)</b><br>6:23;22:8<br><b>view (2)</b><br>17:14;40:7<br><b>vigorous (1)</b><br>27:2<br><b>Voting (9)</b> | 4:13;8:6,8;21:17,<br>22;22:21;28:25;<br>34:16,23<br><br><b>W</b><br><br><b>watches (1)</b><br>10:4<br><b>way (7)</b><br>10:3;11:18,22,25;<br>24:17;27:9;28:8<br><b>ways (3)</b><br>8:24;10:21;11:4<br><b>weapons (1)</b><br>8:23<br><b>week (1)</b><br>37:15<br><b>weigh (1)</b><br>13:10<br><b>whenever (1)</b><br>33:7<br><b>wholly (1)</b><br>27:7<br><b>who's (4)</b><br>6:2;9:25;14:20;<br>15:11<br><b>wide (1)</b><br>36:9<br><b>willing (3)</b><br>17:14;25:19;30:24<br><b>within (1)</b><br>22:11<br><b>without (1)</b><br>24:6<br><b>witness (1)</b><br>24:13<br><b>witnesses (5)</b><br>35:19;36:23;37:6;<br>39:13;40:5<br><b>WIYGUL (28)</b><br>4:17,19;7:24,25;<br>10:7;13:15;17:6,7;<br>19:4,8;21:19;22:4;<br>25:2,3,25;26:9,13;<br>30:15,16;35:3,10,17;<br>36:6,21;37:22;<br>39:23;40:1,20<br><b>Wiygul's (2)</b><br>23:10;26:5<br><b>wonder (2)</b><br>36:1,11<br><b>word (2)</b><br>32:4,6<br><b>work (1)</b><br>12:23<br><b>wrong (1)</b><br>32:4<br><br><b>Y</b><br><br><b>year (2)</b><br>18:2,21<br><b>yesterday (2)</b> | 7:3;31:5<br><br><b>1</b><br><br><b>1:55 (1)</b><br>41:7<br><br><b>2</b><br><br><b>2021 (1)</b><br>6:25<br><b>2022 (1)</b><br>7:1<br><b>277 (1)</b><br>6:25<br><br><b>3</b><br><br><b>3 (1)</b><br>7:1 |
| <b>T</b>   |  |  |  |   |
| <b>talk (2)</b><br>23:3;39:22<br><b>talking (3)</b><br>13:23;20:8;23:23<br><b>task (1)</b><br>18:16<br><b>tax (1)</b><br>39:10<br><b>taxpayers (1)</b><br>39:7<br><b>technological (2)</b><br>25:8;34:22<br><b>technologically- (1)</b><br>30:8<br><b>technologically-sensitive (1)</b><br>28:23<br><b>technology (9)</b>  |  |  |  |   |