IN THE MATTER OF MEETING NO. 1094

STENOGRAPHIC REPORT OF PROCEEDINGS had at the videoconference meeting of the above-entitled matter, held at 20 South Clark Street, Suite 300, in the City of Chicago, County of Cook, State of Illinois, on January 26, 2022, commencing at the hour of 8:00 a.m.

## APPEARANCES

BOARD MEMBERS:

DANIEL FORTUNA, President and Annuitant Trustee

ROBERT TEBBENS, Active Trustee
WILLIAM MURPHY, Secretary and Active Trustee
ANTHONY MARTIN, Active Trustee
MELISSA CONYEARS-ERVIN, City Treasurer
ANNA VALENCIA, City Clerk
RESHMA SONI, City Comptroller
MARY SHERIDAN, Active Trustee
ATTORNEYS FOR THE BOARD:
BURKE, BURNS AND PINELLI, LTD.
BY: MS. MARY PATRICIA BURNS
MR. VINCENT PINELLI

ALSO PRESENT:
KELLY WELLER, Executive Director
LORI LUND, Deputy Executive Director LORNA SCOTT, Chief Investment Officer JACLYN VLAHOS, Comptroller JOHN CONNESS, Fund Accountant MICHAEL I. PETERS, M.D., Board Physician

CHAIRMAN FORTUNA: I hereby convene this
Board of Trustees meeting for January 26, 2022.
Please, call the roll.
MS. BURNS: Trustee Tebbens.
MEMBER TEBBENS: Here.
MS. BURNS: Trustee Sheridan.
MEMBER SHERIDAN: Here.
MS. BURNS: Trustee Murphy.
MEMBER MURPHY: Here.
MS. BURNS: Trustee Martin.
MEMBER MARTIN: Here.
MS. FORTUNA: President Fortuna.
CHAIRMAN FORTUNA: Here.
MS. BURNS: Trustee Valencia.
MEMBER VALENCIA: Here.
MS. BURNS: Sir, you have a quorum.
CHAIRMAN FORTUNA: Public Act 101-0640 allows this meeting to be conducted by audio and video conference. The Act requires a roll call vote on each matter acted upon.

Further consistent with Public Act 101-0640, I am physically present at the Fund as is the Board Secretary, several Trustees, and the Executive Director. We have posted a notice of
this meeting in accordance with the Open Meetings Act and the meeting is being recorded. A transcript of the proceedings will be prepared and ultimately, after approval, will be made available on the Fund's website.

Consistent with Public Act 91-0715 and reasonable constraints determined by the Board of Trustees, at each regular meeting of the Board or its committees that is open to the public, members of the public may request a brief time to address the Board on any relevant matters within its jurisdiction.

Are there any requests for public comment today?

MR. WELLER: For anyone wishing to make public comment, please hit star six to unmute.

MR. QUANE: This is Pat Quane. I would like to address the Board.

CHAIRMAN FORTUNA: Mr. Quane, please do.
MR. QUANE: A number of months ago I
addressed this Board about a Pension Board Trustee that was putting out his own newsletters. Since that time, this Pension Board Trustee is now a former Board Trustee.
$\square$
My concern in the recent newsletter that he released via Facebook it also contains audio recordings from what appears to be an Executive Session.

My concern is did this member obtain those records through the proper channels or this member may have recorded this meeting himself or taken it in some form.

My concern is obviously we had attorneys in the room. They are being advised if any attorney/client privilege was breached during that time.

Thank you for the consideration there and I trust you guys will protect us. Thank you.

CHAIRMAN FORTUNA: Thank you, very much for your comments.

Anyone else?
MR. WELLER: Anyone else for public comment?

Mr. President, there is no other public comment.

CHAIRMAN FORTUNA: Before we get into today's business, $I$ would like to ask for a moment of silence to honor our active member MaShawn

## Plummer.

On behalf of the Fund, we would like to express our gratitude for Firefighter Plummer. Also, we want to convey our condolences to his family. We will never forget his contribution nor his sacrifice.
(Brief moment of silence.)
CHAIRMAN FORTUNA: Thank you.
The first matter this morning will be committee assignments. A list of the chairs and the members have been handed out to the Trustees and staff.

If there is any objection to your assignment, please get a hold of me sometime this week and we can make some adjustments.

I am going to turn things over to Secretary Murphy.

MEMBER MURPHY: Thank you, Mr. President.
First of all, $I$ would like to turn to the
Approval of Administrative Items. A, Approval of the Minutes of the audio meeting of the December 13, 2021 Investment Committee, December 15, 2021 board and the January 19, 2022 Budget Committee meeting, open and closed minutes and the regular
audio meeting transcript for December 13, 2021 and December 15, 2021.

I'd like to make a motion to approve the open and closed minutes of the December 13, 2021 as well as January 19,2022 and the audio transcripts for the December and the December 15, 2021 meetings and keep those closed session minutes for all the regular meetings closed.

MEMBER MARTIN: Second.

CHAIRMAN FORTUNA: There is a motion by
Trustee Murphy. Seconded by Trustee Martin.

Trustee Murphy.
MEMBER MURPHY: Yes.

CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee Martin

MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.

MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: Trustee Valencia.

MEMBER VALENCIA: Yes.
CHAIRMAN FORTUNA: And I am a yes.
Motion carries.
MEMBER MURPHY: Moving on to B, Minimum

Formula Annuities, $I$ would like to make a motion to approve Minimum Formula Annuities starting with Member 15681 and ending with Member 14524.

MEMBER SHERIDAN: Second.
CHAIRMAN FORTUNA: There's a motion by
Trustee Murphy. Seconded by Trustee Sheridan.
Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee Martin MEMBER MARTIN: Yes.

CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: Trustee Valencia.
MEMBER VALENCIA: Yes.
CHAIRMAN FORTUNA: And $I$ am a yes.
Motion carries.

MEMBER MURPHY: Moving on to Survivor
Annuities and Widow's Annuities. I would like to make a motion to approve Widow's Annuities starting with Member 8369 through Member 10129.

MEMBER VALENCIA: Second.
CHAIRMAN FORTUNA: There is a motion by

Trustee Murphy. Seconded by Trustee Valencia. Trustee Murphy. MEMBER MURPHY: Yes.

CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: Trustee Valencia.
MEMBER VALENCIA: Yes.

CHAIRMAN FORTUNA: And $I$ am a yes.
Motion carries.
MEMBER MURPHY: Under D, I would like to
make a motion to approve the Refund for Member 14229.

MEMBER MARTIN: Second.
CHAIRMAN FORTUNA: There's a motion by
Trustee Murphy. Seconded by Trustee Martin.
Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee Martin

MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: Trustee Valencia.
MEMBER VALENCIA: Yes.
CHAIRMAN FORTUNA: And $I$ am a yes.
Motion carries.
MEMBER MURPHY: Next on the agenda, Item
E, Death Benefits. I would like to make a motion
to approve starting with Member 08369 through Member 10129.

MEMBER TEBBENS: Second.
CHAIRMAN FORTUNA: There is a motion by Trustee Murphy. Seconded by Tebbens.

Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.

CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: Trustee Valencia.
MEMBER VALENCIA: Yes.

CHAIRMAN FORTUNA: And I am a yes.
Motion carries.

MEMBER MURPHY: Moving on to F, I'd like
to make a motion to approve Partial Payments
beginning with Member 08369 and continuing through to Member 07253.

MEMBER SHERIDAN: Second.
CHAIRMAN FORTUNA: There is a motion by
Trustee Murphy. Seconded by Trustee Sheridan.
Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: Trustee Valencia.
MEMBER VALENCIA: Yes.
CHAIRMAN FORTUNA: And $I$ am a yes.
Motion carries.
MEMBER MURPHY: Under G, Benefit
Recalculations, there are none this month.
Moving on to $H$, Guardianship, there is
one this month for Member 06669. I'd like to make a motion to grant the guardianship to the son of this member, based on staff's confirmation that all paperwork required by the Fund has been received. MEMBER VALENCIA: Second.

CHAIRMAN FORTUNA: There is a motion by Trustee Murphy. Seconded by Trustee Valencia. Trustee Murphy. MEMBER MURPHY: Yes. CHAIRMAN FORTUNA: Trustee Sheridan. MEMBER SHERIDAN: Yes. CHAIRMAN FORTUNA: Trustee Martin MEMBER MARTIN: Yes. CHAIRMAN FORTUNA: Trustee Tebbens. MEMBER TEBBENS: Yes. CHAIRMAN FORTUNA: Trustee Valencia. MEMBER VALENCIA: Yes. CHAIRMAN FORTUNA: And I am a yes. Motion carries.

MEMBER MURPHY: Under Reside Out of State, there are two requests for members for approval to reside out of state. I would like to make a motion to grant the request to reside out of state for Member 15650 and Member 14994.

MEMBER MARTIN: Second.
CHAIRMAN FORTUNA: There is a motion by
Trustee Murphy. Seconded by Trustee Martin.
Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: Trustee Valencia.
MEMBER VALENCIA: Yes.
CHAIRMAN FORTUNA: And $I$ am a yes.
Motion carries.
MEMBER MURPHY: Under I, Removals. I
would like to make a motion to approve the Removals starting with William Blake and ending with Joseph Sheridan.

MEMBER TEBBENS: Second.
CHAIRMAN FORTUNA: There is a motion for Removals by Trustee Murphy. Seconded by Trustee Tebbens.

Trustee Murphy.

MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: Trustee Valencia.
MEMBER VALENCIA: Yes.
CHAIRMAN FORTUNA: And $I$ am a yes.
Motion carries.
MEMBER MURPHY: Moving on to Requests for Approval of Payments Pursuant to Administrative and Court Orders. I would like to make a motion to approve the QILDRO order listed in the docket for Member 011684, based on the staff's confirmation that all paperwork required by the Fund to process said orders have been received.

MEMBER SHERIDAN: Second.
CHAIRMAN FORTUNA: There is a motion by Trustee Murphy. Seconded by Trustee Sheridan. Trustee Murphy. MEMBER MURPHY: Yes.

CHAIRMAN FORTUNA: Trustee Sheridan.

MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: Trustee Valencia.
MEMBER VALENCIA: Yes.
CHAIRMAN FORTUNA: And $I$ am a yes.
Motion carries.
MEMBER MURPHY: Moving on to
consideration for approval of disability applications.

MS. BURNS: Vince, are you ready to proceed?

MR. PINELLI: I am ready.
There was a request made. The attorney is the same attorney for both applicants, Ms. Sigler and Mr. Hesslau. I believe they are all on the line. He's made the request if we could begin with Ms. Sigler's matter first, if the Board has no objection to that. Just reverse the order. Those are the only two hearings.

MS. BURNS: Secretary Murphy, do you mind if we start with the Sigler matter to accommodate

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counsel?
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MEMBER MURPHY: No objection.
MS. BURNS: Vince, with that we'll start with Firefighter Denise Sigler.

MR. PINELLI: Let the record reflect this is an application for a Duty Disability Benefit being made by Denise Sigler who is present. She's represented by counsel.

Counsel, could you please identify yourself for the record?

MR. MARCONI: Jerry Marconi on behalf of the applicant Denise Sigler.

MR. PINELLI: Thank you. Before we proceed with evidence, I'd like to make sure we get the Board Exhibits entered.

Counsel, you should have been provided a copy of Board Exhibits 1 through 11, which were distributed by staff to Ms. Sigler. Did you receive a copy of those?

MR. MARCONI: I did and I believe that Ms. Sigler also received those and has reviewed those.

MR. PINELLI: Do you have any objection to their admission into the record?

MR. MARCONI: None.
MR. PINELLI: Thank you.
Mr. Chairman, I move for admission of
Board Exhibits 1 through 11, without objection from the applicant.

CHAIRMAN FORTUNA: Admitted without objection.
(Board Exhibits 1 through 11 were admitted into evidence.)

MR. PINELLI: Thank you.
Counsel, we are ready to proceed. Do you have any witnesses that you wish to call?

MR. MARCONI: Denise Sigler.
MR. PINELLI: All right. Then $I$ would ask Ms. Sigler, and also Dr. Peters, he's going to testify, would you both please raise your right hands?
(Witnesses sworn.)
MR. PINELLI: Counsel, we are ready to proceed, if you wish to call Ms. Sigler.

MR. MARCONI: Thank you. DENISE SIGLER
a witness herein, having been first duly sworn, was examined and testified as follows:

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                                    EXAMINATION
                                    BY MR. MARCONI:
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Q Can you state your name and spell your name?

A Denise Sigler. D-e-n-i-s-e S-i-g-l-e-r.
Q Are you currently employed with the Chicago Fire Department?

A I am.
Q And your application indicates $I$ believe that you began on July 17, 2000, is that correct?

A Correct.

Q And what was your last assignment before going on layup?

A Engine 79.
Q It looks like you submitted an application along with an affidavit, is that correct?

A Correct.

Q And have you reviewed that affidavit before testifying today?

A I have.
Q Is that true and accurate and pretty much describes all the symptoms you started experiencing before you went on layup?
A Yes.
$Q$ Now as far as the records are concerned,
did you read Dr. Peters' report and did you read
through all of these exhibits?
A I did.
$Q \quad$ On page -- it looks like 10.29 , there was
an indication in there, and I think the facts on
that page got transferred over to Dr. Peters'
report, it indicates that you tested positive I
believe back on September $1,2020$.

A That is correct.

Q Did you see that in the records?
A Yes, I do.
Q Is that accurate?
A No, it is not.
Q And back on September 1, 2020, did you in fact receive notification that you tested negative for Covid?

A Yes.
Q I'm sorry, I didn't mean to interrupt you.

A That is the day $I$ testified negative on September 1, 2020.

Q Why did you go and get a test?

A My daughter tested positive so I was exposed and it was required by the Fire Department to have a negative test to come back to work.

Q Were you experiencing any symptoms?
A I was experiencing no symptoms at the time.

Q And, again, the test that you took, which was mandated by the Chicago Fire Department, indicated that you were negative for Covid back in September, is that correct?

A Correct.

Q Is it your understanding that in this particular case the City or the Fire Department classified this as a duty related exposure, is that correct? I'm sorry, moving into December of 2020, did the Department classify it as a duty exposure?

A Yes.
Q And there is some documents in the records. I believe there is a spreadsheet. I don't know if you were working on an ambulance or handling ambulance calls but you had been exposed I think on November 30 th and a couple times just prior to November 30 th, is that correct?

A Correct.
$\square$
Q Now before being exposed, how would you describe your health?

A I was in very good health. No problems at all.

Q And other than the very heavy work as a Firefighter Paramedic, were you involved in any outside activities which required you to be in good health?

A I am a yoga instructor. I used to teach yoga to the candidates at the Academy and avid without.

Q You worked out on a regular basis?
A Correct.

Q Before you got Covid, you were in very good shape, is that correct?

A That is correct.
Q Now I can tell from talking to you today, it seems like you have a cough and you have some hoarseness in your voice. Is this an everyday occurrence?

A Yes, it is.
Q I know that the exhibits contain your treatment. Just briefly, since you tested positive, have you constantly been in treatment up
until today?
A Yes, I have.
Q Primarily who are you treating with up until today?

A I was seeing a pulmonologist from Rush Dr. Balk and an ENT specialist from Rush Dr. Husain.

Q And we talked about your voice today. Is it Dr. Inna Husain?

A Correct.
Q And she was trying to figure out why you have the hoarseness, the difficulty talking, and maybe the coughing, is that correct?

A Correct.
Q Were you also working with a cardiologist?

A Yes, I was.
Q Why?
A For palpitations $I$ was having.
Q Had you ever had palpitations prior to Covid?

A No.
Q Okay. There was some heart issues I think that were back prior to this but those
resolved, is that correct?
A That is correct.

Q Are you classified as a Covid long
hauler?
A Yes.
Q Now at some point was there a determination made by your team locally here to refer you to the Mayo Clinic in Minnesota?

A Yes. Dr. Husain, the ENT, has referred me to the Mayo Clinic. She actually called and had them setup Mayo Clinic to call me and contact me.

Q What is your understanding about your treatment or the proposed treatment at Mayo Clinic? Who are you treating with and is it part of a program?

A There is a Dr. Greg Vanichkachorn, who is doing a long hauler treatment there, and it is a multidisciplinary kind of case-by-case by the symptoms that you present with.

Q It is your understanding that Dr. Vanichkachorn would kind of be the lead and then he would refer you to other specialists within Mayo to treat these other issues?

A Correct.
$Q$ And have you started your treatment at Mayo Clinic yet?

A I have not because there is an insurance issue now so I am -- I have been waiting for this meeting today to get the insurance issues worked out to figure out how I can attend there.

Q Okay. Not that's it's probably relative to your disability, but just quickly right now you're on your husband's insurance, is that correct?

A Correct. And also under the --
Q Your husband is a firefighter, is that correct?

A Correct. In Elk Grove Village.
Q Right now the treatment you have been receiving was pursuant to your husband's insurance, is that correct?

A It was -- once it became a duty injury, it was under the Workmen's Comp.

Q So now there is the issue you have to figure out who is going to pay for the treatment at Mayo, is that correct?

A Correct.
Q Once that insurance issue is worked out,
which will hopefully be very soon, maybe in the next week, then you will begin your treatment at Mayo Clinic, is that correct?

A Correct.
Q Is it your desire to return to work as quick as you can?

A Yes.
Q Are you on the lieutenant's list?
A I am on the lieutenant's list.
Q Is that one of your goals in your career is to hopefully eventually be promoted when you get back to work?

A Absolutely. This is not the way $I$ wanted to retire.

Q And are you still hopeful that Mayo Clinic could provide the treatment necessary which would allow you to resolve your symptoms and return to work?

A I am very hopeful. I am hoping that this doctor has information that can help me.

MR. MARCONI: Vince, I don't have anything else.

CHAIRMAN FORTUNA: Trustees, any
questions?
$\square$
MR. PINELLI: Thank you.
EXAMINATION
BY MR. PINELLI:
Q Ms. Sigler, I just have a few questions for you as well.

Just going back to the onset, from the records it looks like you began experiencing the symptoms on December 13 th of 2020 and then you tested positive the next day, is that right?

A That is correct.
Q So prior to the 13 th, were you on shift or what was your work --

A Yes.
Q -- experience prior to that? You were on shift?

A I was on shift regularly before that. My last day at the firehouse was the 12 th and then $I$ began having symptoms on the 13 th, which was a Sunday, and $I$ went the next day Monday to be tested.

Q And do you know where your exposure was? In other words, was it from a patient or was it from at the firehouse, if you know?

A At the time there were nobody else at my firehouse that was positive so it was from a patient. We were having several a day positive patients at that time.

Q You were treating them as part of your duties, is that correct?

A Correct. I was the paramedic on the engine.

Q With respect to your current condition today, it looked from the records you're taking certain medications to address your symptoms, is that right?

A Correct. To help with the cough.

Q It indicated you're taking -- are you using an inhaler regularly?

A I have not been using the inhaler as much anymore because it wasn't really doing much anymore once the pneumonia in my lungs cleared up but $I$ have been using the Gabapentin.

Q Are these symptoms that you are experiencing causing you to experience fatigue and tiredness and so forth?

A Yes, they are. Fatigue is very much at the top of the list.
$Q$ Since you went on layup, have you engaged in any activity by which you earn income?

A No.
Q Have you engaged in any sporting activities, including the yoga and whatnot?

A I have done mild yoga, which was recommended by my doctors, for some movement.

Q But you do that on your own at home, I take it?

A Correct. Videos. Right.
MR. PINELLI: Thank you. That is all the questions I have.

THE WITNESS: Thank you.
CHAIRMAN FORTUNA: Any questions?
Thank you, Vince.
MR. PINELLI: Counsel, is it okay if I call Dr. Peters to testify or do you wish to present evidence at this time?

MR. MARCONI: We would rest. You can call Dr. Peters.

MR. PINELLI: Thank you.
(Witness previously sworn.) MICHAEL I. PETERS, M.D.
a witness herein, having been first duly sworn, was
examined and testified as follows:
EXAMINATION

BY MR. PINELLI:
Q Doctor, state your name for the record.
A Michael I. Peters.
Q And you are a physician; is that correct?
A Yes.

Q A copy of your qualifications are
attached to the Board Exhibits?
A Yes.
Q And do you perform a function for this fund as a consultant?

A Yes.
Q In that capacity, do you review medical records, either examine or interview applicants and prepare a written report for the Board?

A Yes, I do.
Q Did you follow that procedure with respect to Ms. Sigler?

A Yes, I did.

Q And is a copy of your written report marked as Board Exhibit Number 2?

A Yes.
Q Doctor, due to the current Covid
pandemic, did you interview the applicant rather than examine her?

A Yes, I interviewed her by telephone.
Q Based upon your interview, was the information that she provided to you about her condition and her history consistent or inconsistent with the medical records that you examined?

A The history was consistent. The question of her having Covid before the duty Covid, that information of a positive test in September 1, 2020 came from her CFD Medical notes. It sounds like she didn't really test positive according to her report.

Q With respect to the December exposure and subsequent treatment and whatnot, was she consistent with what the record showed?

A Yes. Everything she reported was consistent with the record.

Q Doctor, could you briefly summarize for us what your findings were with respect to your review of the records and interview of Ms. Sigler?

A Yes. Ms. Sigler had a documented duty exposure for COVID-19 likely from a patient.

Developed acute infection but then developed post-Covid and chronic cough, which has affected her vocal cords, inability to speak.

There are two likely etiologies from that. First is the chronic cough can cause muscle tension around the vocal cords, which makes it hard for her to speak.

The second is there has been documented case reports of -- we know that COVID-19 acute infection can affect nerves throughout the body. There is growing evidence that the nerve involved with the vocal cords moving properly can be vocally infected by the Covid virus and cause long-term problems.

So it's likely one or both of those things are causing her persistent hoarseness and cough and difficulty speaking.

Q And then there was some indication, too, she has some respiratory issues. Is that breathing issues or what did you see in the record with respect to that?

A She has some evidence of interstitial lung disease, which is the post-Covid lung damage.

Q Given what you just found and said, as
well as her testimony regarding her symptoms causing her fatigue, as well as these other issues, do you believe she could perform her duties as a paramedic with the Fire Department?

A No, not safely.
Q Do you have any recommendations to the Board as far as either reexamination or case management?

A I think that it is too soon to tell whether her vocal cord involvement will reverse. If the cough goes away, then it's likely that she will have improvement over time, but $I$ think it is too soon to make any prediction about whether that is likely to happen. I think getting a specialty evaluation by a Covid clinic is a good start. But I don't think there is enough cases of this yet to determine how long this will last. I think she should be reexamined according to the usual reexamination process which would be done for somebody like her.

Q All right.
A I don't think there is an advantage to doing it sooner is what $I$ am trying to say.

MR. PINELLI: Thank you, doctor, that is
all the questions I have.
Counsel, do you have any questions of the doctor?

MR. MARCONI: I just have a couple to follow up with what Dr. Peters said regarding the specialty evaluation.

EXAMINATION

BY DR. PETERS:
Q Dr. Peters, is there any anything in the records to indicate why she was referred to Mayo or is it just because Mayo has a good reputation for working with long haulers?

A Why she was specifically referred to Mayo?

Q Yes. I mean, I just don't know why she couldn't be treated locally as opposed to sending her to Minneapolis to be treated at the Mayo Clinic.

A Again, this is all new, but $I$ am seeing two different patterns in terms of how people with chronic Covid symptoms are treated. Either they receive care through their local physician from multiple subspecialty referrals, that is one common pattern. The other is going to a dedicated Covid
clinic locally, and there are some, but $I$ have also seen people who are going to Mayo.

Q At Mayo, is that a clinic or is that just a multidisciplinary approach treating these long haul Covid patients?

A They call themselves a clinic. My assumption, and I don't know this for a fact because $I$ haven't visited there, but my assumption is that when the doctor coordinating the care at the Covid Clinic in Mayo refers to other specialists within Mayo, that they are going to different offices.

Q Do you know this -- I can't even pronounce his name. She said it was a Dr. Vanichkachorn.

A I don't know him personally.
Q Does he seem to be the lead guy at Mayo as far as referring them out to other specialists within Mayo?

A I have seen him in that role. He appears to be the person who coordinates care.

Q So you don't disagree with the referral to Mayo I guess is what I am getting at?

A I don't have an opinion regarding whether
she should go to Mayo. I do think she should continue to get some specialty care, if she's not getting the answers or the care she needs. She should definitely go to a place that sees lots of cases like hers. Whether that be a local specialist or a local Covid Clinic or Mayo. Mayo has an excellent reputation. I wouldn't disagree with it.

Q I think Northwestern, who you are associated with, they also have a Covid Clinic I think?

A Yes, they do.
MR. MARCONI: I don't have any other questions for Dr. Peters.

MR. PINELLI: Okay. Do you rest then?
MR. MARCONI: I do.
CHAIRMAN FORTUNA: Any questions for Dr. Peters?

No questions from the Trustees.
MR. PINELLI: Counsel rests so therefore the evidence is concluded.

MEMBER MURPHY: I would like to make a motion to grant the benefits requested by Firefighter Sigler.

MEMBER MARTIN: Second.

CHAIRMAN FORTUNA: There's a motion to grant by Trustee Murphy. Seconded by Trustee Martin.

Trustee Murphy.
MEMBER MURPHY: Yes.

CHAIRMAN FORTUNA: Trustee Sheridan.

MEMBER SHERIDAN: Yes.

CHAIRMAN FORTUNA: Trustee Martin

MEMBER MARTIN: Yes.

CHAIRMAN FORTUNA: Trustee Tebbens.

MEMBER TEBBENS: Yes.

CHAIRMAN FORTUNA: And $I$ am a yes.

Motion carries.

MEMBER MURPHY: I would like to make a
motion for reexam consistent with the Board's policies.

MEMBER TEBBENS: Second.

MEMBER SONI: ExCuse me. This is Trustee Soni. Sorry about that. I had joined and I'd like to vote yes as well.

CHAIRMAN FORTUNA: Trustee Soni is a yes.
There is a motion for reexam by Trustee Murphy. Seconded by Trustee Tebbens.

Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee Soni.
MEMBER SONI: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: And $I$ am a yes.
Motion carries.
MEMBER MURPHY: Counsel has previously
sent around proposed Findings of Fact and Conclusions of Law. After having had a chance to review the Findings of Fact and the Conclusions of Law, I would like to make a motion to adopt the Findings of Fact and Conclusions of Law in this matter.

MEMBER SHERIDAN: Second.
CHAIRMAN FORTUNA: There is a motion by Trustee Murphy. Seconded by Trustee Sheridan.

Trustee Murphy.
MEMBER MURPHY: Yes.

CHAIRMAN FORTUNA: Trustee Sheridan. MEMBER SHERIDAN: Yes.

CHAIRMAN FORTUNA: Trustee Soni.
MEMBER SONI: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: And $I$ am a yes.
Motion carries.
Denise, can you hear me?
MS. SIGLER: Yes, I can.
CHAIRMAN FORTUNA: Based on the Findings of Fact and Conclusions of Law made by the Trustees, the Trustees have voted to grant you the benefit you have requested.

You will be notified by mail of the
Findings of Fact and the Board's decision.
Denise, best of luck to you.
MS. SIGLER: Thank you.
MEMBER MURPHY: Mr. President, moving on to our next applicant, Daniel Hesslau, Paramedic in Charge, Ambulance 22.

CHAIRMAN FORTUNA: Moving forward, Vince.

MR. PINELLI: Thank you, Mr. Chairman.
Let the record reflect this is a hearing on the application for a Duty Disability Benefit made by Daniel Hesslau.

Mr. Hesslau, are you on the line, sir?
MR. HESSLAU: Yes, Daniel Hesslau present.

MR. PINELLI: Mr. Hesslau is represented by counsel. Counsel, could you identify yourself for the record, please?

MR. MARCONI: Jerry Marconi on behalf of the applicant.

MR. PINELLI: Thank you.
Before we begin evidence, I'd like to get the Board Exhibits addressed. Counsel, did you and Mr. Hesslau receive a copy of Board Exhibits 1 through 12?

MR. MARCONI: I did receive a copy and I believe Mr. Hesslau received a copy as well.

MR. PINELLI: Do you have any objection to their admission into the record in this matter?

MR. MARCONI: I do not.
MR. PINELLI: Thank you.
Mr. Chairman, I move for admission of

Board Exhibits 1 through 12, without objection from the applicant.

CHAIRMAN FORTUNA: Admitted without objection.
(Board Exhibits 1 through 12 were admitted into evidence.)

MR. PINELLI: Thank you.
Counsel, do you intend to call Mr.
Hesslau to testify?
MR. MARCONI: I do.
MR. PINELLI: Sir, could you please raise your right hand and $I$ would also ask Dr. Peters, who will also testify, to raise his right hand.
(Witnesses in sworn.)
MR. PINELLI: Thank you. Then we are ready to proceed. Counsel, do you wish to call your first witness?

MR. MARCONI: Yes, sir. DANIEL HESSLAU
a witness herein, having been first duly sworn, was examined and testified as follows:

EXAMINATION
BY MR. MARCONI:
Q Daniel, please state your name, if you
could spell your name for the court reporter or tape recorder.

A It is Daniel Hesslau. D-a-n-i-e-l
Hesslau H-e-s-s-l-a-u.
Q Mr. Hesslau, you are employed by the Chicago Fire Department, is that correct?

A Yes, sir.
Q Your application indicates I believe you have been employed since March 1st of 2017, is that correct?

A Yes, sir.
Q Prior to joining the Chicago Fire Department, did you have other experience either as a paramedic or a firefighter or anything dealing with fire service?

A Yes, sir. I worked for the Cicero Illinois contract on their ambulance and I also worked as a Firefighter Paramedic for the Gary Indiana Fire Department prior to being hired by Chicago.

Q How many years did you do that prior to joining Chicago?

A I have been in EMS since 2010, sir.
Q In addition to your regular duties as a

Paramedic within Chicago, do you do anything else? Any training or anything like that?

A I was reached out to by the lead instructor at Malcolm $X$, Maggie Murphy, who had me be one of the preceptors for Region 11 for her paramedic students when they go for their infield training.

Q Just for the non-firefighters and the Board, what is a preceptor?

A A preceptor is essentially an in the field teacher so $I$ would go and take the information that the students would have learned within a classroom setting and teach them how to apply it into the real world setting.

Q How long have you been a preceptor or instructor out in the field?

A Since $I$ took the promotion to PIC was when $I$ was offered it and went to the workshop a couple of years back. Fairly quickly it was offered within like a year and a half of me actually getting through the Academy.

Q Now when you started this process, you submitted an application, along with an affidavit, correct?

A Yes, sir.
Q Your affidavit is fairly lengthy. I am assuming you reviewed that before today, is that correct?

A Yes, I have, sir.
Q Does that pretty much set out the initial symptoms and problems you experienced after you tested positive for Covid?

A Yes, sir.

Q Who do you live with?
A My wife and my two children, Nancy and Amelia, five and six.

Q Correct me if $I$ am wrong but $I$ don't think any of them have ever tested positive for Covid, is that correct?

A No, thank god. No. My wife is a Type I diabetic and we were extremely cautious, especially when $I$ was contagious.

Q Your affidavit indicates you went on layup on $I$ believe November 1, 2020, is that correct?

A That is correct, sir.
Q And did the Department classify this as a duty exposure?

A Yes, sir.

Q Were you working -- were you on shift when you started experiencing the symptoms and when you went to a hospital?

A Yes, I was on shift. I reported for duty and $I$ did my job accordingly where $I$ took my temperature, my partner's temperature, documented everything in the journal according to the protocol, and I felt fine. And then come the afternoon, we had a respiratory arrest $I$ believe is what the run was. We get to the University of Chicago off of Cottage Grove where I recognized one of the nurses behind the desk.

I kind of didn't feel so great so I asked if I could have one of their temperature -- their thermometers and it read at 103 or 104 and $I$ was getting pretty short of breath.

On that day, $I$ was on a trade or an overtime day because it wasn't my normal chief. It was a Chief David Ernst who sent me home that day.

I had no issues in the morning. It just kind of hit me quite literally like a bag of bricks during the call and then $I$ did something about it afterwards.

Q Let's talk about your assignment that day and your assignment before you went on layup. Where were you assigned?

A I am assigned to Ambulance 22 in the 23 rd Battalion 459 EMS.

Q For the non-firefighters on the Board, can you briefly describe Ambulance 22? Basically, how active it is, where it is located, so on and so forth.

A Ambulance 22 is one of the busiest ambulances on the south side of Chicago. I know that there are others that are busier but on my ambulance it is completely not uncommon to have 20 plus runs a shift. Six of those being after midnight. We run hard on 22. The entire 23 rd Battalion is a very busy district.

But 22, just to put it into perspective, there are open spots on that ambulance on a regular basis because no one wants to work there.

It is a hard ambulance but $I$ took a lot of pride in being on that ambulance and working with the men and women that worked with me.

Q I apologize if $I$ didn't hear you about the length of the shifts. Are those 24-hour

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shifts?
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A Yes, sir, they are 24 -hour shifts.
Q When you started having difficulty breathing and the fever, $I$ am assuming that was it, that you then reported to Medical and tested positive, is that correct?

A Yes. The very next day $I$ went to the drive-thru forest preserve on the north side Covid testing clinic and $I$ got swabbed that day and then later on that week $I$ tested positive at which point I contacted Medical. Well, I contacted Medical on the 2 nd regardless. I didn't know what had happened, that $I$ had been laid up while on shift, and then $I$ let them know as soon as I got the positive test result which was later that week.

Q Now, what did you do initially? I am assuming you quarantined because of the issues that you raised about your wife and your young children?

A Yeah. I was lucky enough that $I$ have a bathroom in my basement and I essentially came home that day and went down in the basement and $I$ didn't leave my basement for over 40 days because of my active symptoms and the fear of giving it to my family.

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I had a fever over 100 degrees for just over 30 days, which is what a lot of the physicians are saying is why \(I\) am having these issues afterwards, the erratic temperature for so long.
I literally lived in my basement. My
``` wife would pass food down in a basket. It was undoubtedly the worse time of my life I think.

Q According to the records, though, you did have to leave a couple times because it indicates that you were admitted into the hospital, is that correct?

A Yes. I was taken out of the basement to go to the hospital. That is correct, sir.

Q Did you go via ambulance or did somebody drive you?

A The first time -- no, it was via ambulance. I believe that my chief had called out an at-home check team. I forgot what they call them. An at-home Covid team that would come to the house and they recommended me go and they called an ambulance to take me to the hospital where \(I\) went to Lutheran.

Q The first time, correct me if \(I\) am wrong, was around November 9th?

A Yes, sir.

Q Why did you go to the hospital?

A They were saying initially that they didn't feel comfortable leaving me by myself in the basement due to my breathing issues at the time and just my extreme fatigue, excessive dizziness. They wanted me to go be evaluated by the emergency room staff.

Q Did you get admitted on that trip or did you go back home?

A No, I went back home. I was advised by the team at Lutheran that \(I\) did in fact have Covid and that \(I\) could stay. And it would be up to me in the sense of \(I\) could either become more sick by staying at the hospital because at that time Covid was really rocking and rolling. Or, I could be a danger to other people by being there so \(I\) opted to go where \(I\) would be most secluded which was back in my hole in the basement.

Q So you go back home. You seclude in your basement, correct?

A Yes, sir.

Q And then the records indicate you had another trip to Lutheran General on February 9th is
that fair to say?
A Yes, sir.

Q Via ambulance or did you drive yourself?
A The one in February was \(I\) got driven to the hospital.

Q Why?
A That was \(I\) was in my home with my wife and I experienced a -- one of my many at the time syncopal episodes where I dropped. After I dropped, my wife was reporting that \(I\) was like slurring my words together, that \(I\) was acting extremely confused and I didn't remember any of that occurring. And when I reached out to my doctor, which the cardiologist at that time who I was working with was Dr. Sawlani from Lutheran General, he advised that \(I\) go to the hospital and he had me as a direct admit, which was my first stay at Lutheran on the actual floor.

Q Just so we're clear, what do you mean by a drop?

A I don't really know how to describe it, except for it is -- I would be standing and then \(I\) would just hit the floor. I don't remember falling. I don't remember being on the floor. I
don't remember any of that. This would happen like three to five times a week. I have hurt myself by falling. I am not a petite individual and just my body hitting the floor is -- my wife unfortunately tried to catch me a few times and \(I\) would fall on top of her.

There have been a few times where people were always stopping by to help with things around the house because \(I\) wasn't able to help with anything. Some of my buddies would stop by. There was one occasion, thankfully only one, in front of my friends because it was, you know, demoralizing. But he was able to catch me before I hit the floor.

It is just like my brain turns off and \(I\) just -- it is like a syncopal episode. I just fall. I don't know.

Q Was some of this caught on video?
A Yeah. Yes, not even on purpose. I was in my son's bedroom folding a blanket or putting his clothes away. We got one of those baby cameras in there and it caught me dropping.

My wife had always kind of explained to me what it was like. Or, my mom, who was essentially my bona fide babysitter because I
couldn't be left alone with my own kids.
When \(I\) saw it, it really kind of became very real that this is what was happening to me. It did get -- yeah.

Q So locally here you had a team of treating doctors, fair to say?

A Yes, sir.
Q And those doctors, you have read through the Board's evidence packet, are contained in there, correct?

A Yes, sir.

Q Dr. Michael Fisher was your primary care physician, correct?

A Yes, sir.
Q And then you had a Dr. Omar, who was a gastroenterologist?

A Yes, Dr. Hina Omar.
Q Dr. Hamdallah?
A Dr. Hamdallah, the neurologist from Lutheran General.

Q And I think there was a Dr. Fisher?
A Yes. Dr. Fisher is my primary.
Q Dr. Miller?
A Dr. Miller, the electrophysiologist at

Lutheran General.
Q So, locally early on, \(I\) will say in the first six months, a lot of testing being done, a lot of trips to the doctors, is that correct?

A That is correct, sir.
Q At that time what were your main issues? What was causing you to be unable to function normally at home?

A During that time period when these episodes started happening, it was the actual episode itself. I wasn't allowed to drive for obvious reasons. I wasn't -- didn't feel comfortable being alone with my children. Thank goodness my mom was retired and she was able to come and help me with the kids at home. And it was the dropping. You know. The nightmare of what if I had one of these at the top of the stairs and go down. What if I fall on top of my kids. It was horrible because \(I\) had no control over it and no one was able to give me an answer as to why this was happening.

Q Were your local doctors able to resolve most or some of these issues?

A I mean, the issues that were resolved or
essentially assisted was -- a big one was my blood pressure. I have never had high blood pressure before. They put me on a whole slew of different meds for high blood pressure.

But I really didn't start seeing any improvement in my lifestyle and in my day-to-day operations before \(I\) was seen over at the Mayo Clinic.

Q Let's talk about the Mayo Clinic. How do you get there?

A Since \(I\) wasn't allowed to drive, my wife would drive me. She would get time off approved from her work. Or my father would drive me. My brother-in-law or my father-in-law. They would literally take turns driving me up there and staying with me because \(I\) couldn't be left alone and the clinic is a -- it is a clinic based setting where there is just -- there is many different specialties there and the entire surrounding area is built around the Mayo Clinic so they have various different connected hotels essentially I suppose. It is all connected to the Mayo Clinic like underground and everything. So they would be with me the entire time and that's
how \(I\) would get around.
Q That was a poorly worded question. I didn't mean physically. I mean, did you get referred there? Did your doctors call up there and set it up?

A I'm sorry. I apologize, sir. Dr. Hamdallah was the initial person who said -- or not initial, he was one of the doctors and the final doctor actually who said this is where \(I\) think you should go. My primary care physician Dr. Fisher also believed that is where \(I\) should go. Dr. Miller, the electrophysiologist, stated that he believed that \(I\) should go to the Mayo Clinic to get the treatment from there and to see what -- I believe his words were "what the minds of Mayo have to say". And then Dr. Hina Omar, my GI specialist, when \(I\) had brought up to her the idea of me going there she said that she also agrees with that as well.

Q Did you see several different specialists within the Mayo network?

A Yes, sir.

Q Did you have kind of a main like occupational doctor who was kind of the point
person?
A Yeah, that was the head of the Covid department, Dr. Vanichkachorn. Dr. Van is what he asked me to call him.

Q You referred to him as Dr. Van, is that correct?

A Yes, sir.
Q Would he make referrals then to other specialists to work on these issues that you were having?

A Yes, sir.

Q Can you tell the Board when you got to Mayo did you see some instant, almost instant, improvement in some of your symptoms?

A Once I went through the sleep studies, yeah, absolutely. After the sleep study, which was the last thing \(I\) did at Mayo Clinic, there was marked improvement. "Instant" being your word, yeah.

Q I mean, there was some success early on, correct?

A Oh, yeah. Being there, trying out different kinds of medication, seeing different doctors. At least ruling things out, it was --
there was improvement, yes.
Q Prior to going to Mayo, prior to getting the Covid, had you ever had any problems with sleep?

A Never, no.
Q Any problems working at 24 -hour shifts on Ambulance 22?

A Never, no. I would work 24 hours on 24 hours off pretty much consistently, especially during Covid when just the need for manpower was at an extreme high. Every other day 24-hour shifts.

Q In the records, it indicates that you were prescribed or given, I don't know what the word is, a CPAP machine, is that correct?

A Yes, sir.
Q What is a CPAP machine?
A It essentially oxygenates an individual who might have a sleeping disorder while they are asleep.

Q Had you ever used a CPAP machine prior to getting Covid?

A No, sir.
Q Did you see an improvement with your syncope or fainting episodes after starting using
the CPAP machine?
A Yes, sir. That was the start of me not experiencing them was being on the CPAP. My last syncopal episode was last year.

Q Just so I am clear, the fainting spell is that synonomous with what you refer to as a drop?

A Yeah. I mean, some doctors are calling it a drop, some doctors are calling it syncope, some doctors are calling it a fainting spell. But it is all the same \(I\) believe is what \(I\) am kind of gathering from their descriptions of what it is.

Q The records indicate you worked with a cardiologist there, is that correct?

A I did work with a cardiologist there when I first got to the Mayo Clinic, yes.

Q Okay. And that your cardiology issues have either seemed to resolve or at least be less frequent?

A They have definitely helped. They are for sure less frequent, which \(I\) am very thankful for.

Q When you do have a cardiac issue, what is it? Is it palpitations?

A I get like a substernal chest pain,
sometimes my teeth hurt which is really weird, but my pulse will drop. Blood pressure will increase.

Q And then in the records it indicates, and I think Dr. Peters is on the line, but it refers to a junctional rhythm. Was that a temporary condition?

A Well, when \(I\) was at the cardiac rehab, and I believe it was in May -- not May, I'm sorry. I am trying to pull up my notes here. I was at cardiac rehab and prior to me actually starting the physical therapy itself, they put you on the monitor and they are checking all your vital signs.

They noticed that my -- what they were saying is that my \(T\)-waves were disappearing. It looks like \(I\) went into a junctional rhythm. And they wouldn't let me actually exercise that day. In fact, they were actually trying to initially send me off to the emergency room. Thankfully, the nurse that was working there had been my nurse at cardiac rehab from my first day and she knows my history and everything and understands it. It really wouldn't have benefited me, especially since it went away after a handful of minutes.

But they said that the \(T\)-waves
disappeared and that my pulse rate had dropped making it look like a junctional rhythm. One of the nurses there would say junctional to me.

Q You're still -- I guess to bring you up-to-date then. You have had a lot of this treatment at Mayo Clinic, is that correct?

A Yes, sir.
Q Is it absolutely necessary that you use the CPAP machine today?

A Yeah. There have been a few instances where \(I\) might roll in my sleep or \(I\) don't have a good seal on the mask. You know, these things are done with Velcro on the sides of your face. The next day \(I\) am shot. I mean, the first time it happened it was terrifying because I thought that I was right back at Ground Zero again.

My blood pressure could be upwards to 190 to 200 systolic. I feel extremely dizzy. I can't walk straight without having to hold onto a wall like \(I\) am an old man. The body is rocking and rolling. My headache is out of control and I am assuming the headache is because of increased blood pressure and my whole day is done.

My wife has had to call off work before,
if my mom couldn't come and help with the kids and me quite frankly.

It is -- if \(I\) don't have it, it is not
like \(I\) feel groggy the next day. It is like \(I\) am back in my basement. You know, it is like an immediate reset, yeah.

Q As far as the CPAP machine, \(I\) know that -- I can't remember if it is in Dr. Peters' report or all over the records. I think you were diagnosed with dysautonomia? Did I say that right?

A Yes. Dr. Hamdallah is -- it is dysautonomia, dysautonomic functions, and a couple of other names for it but that is what my neurologist is saying.

Q What is your lay opinion as how that is related to the breathing issues that you are having causing you to wear the CPAP?

A The initial connection with it was when \(I\) was working with Dr. Van was there was a study that was done about -- the title "The Resolution of Syncope with Treatment of Sleep Apnea".

They are trying to -- they have noticed that with previous cases of people who have these syncopal drop episodes, whatever it is you would
like to call it, it improved with the treatment of the sleeping disorder and pretty much they were just trying to check off all the boxes. When they checked off that box, \(I\) haven't fallen since.

But \(I\) know that if \(I\) don't have that on my face -- I have even considered having to put a generator in the house because god forbid we lose power. It is a very scary thing for me.

Q This is a current issue or current condition that you are experiencing, correct?

A Yes, sir.
Q Just so we're clear, once you had the sleep study, you haven't had the fainting episodes?

A Correct. Since then \(I\) have been placed on a case study basis.

Q Let's talk about work and your assignment. At any time, and \(I\) don't know if you are familiar with this, was there any -- I will call it a Functional Capacity Evaluation to determine whether or not you could work a 24-hour shift where you could be active the entire 24 hours?

A No, I don't think \(I\) ever went through a functional test. The majority of my stuff with

Medical was just talking for the most part and like physically evaluating like blood pressure and lung sounds, et cetera.

Q Have you tried to reach out within the Department to see if you could be placed anywhere where you wouldn't be working at least for a while in a 24 -hour shift where you would be required to be constantly busy and your sleep would be interrupted constantly?

A I have. This job is a job that I wanted since \(I\) was a kid. This is my dream job. I would do anything to get back to work. I am being told I can't.

Q Did you reach out to see at least if you can come back for the timebeing in a place that might be I guess safe?

A I was told that \(I\) wasn't able to get those positions because they are biddable positions and I wouldn't be able to put in for it due to my circumstances. And that in order to get off of extended medical, \(I\) had to be released to my previously assigned duty, which was Ambulance 22. Or, in all reality, \(I\) probably would get put down in the Field Division South relief pool.
\(Q\) So your doctor, \(I\) will call him Dr. Van, it is easier to pronounce, he has some records in there, for the timebeing he's not releasing you due to safety concerns of you returning to an ambulance. I am assuming you read those reports in the records?

A Yes, sir.
Q So, being an experienced paramedic, being experienced in the health field, whatever, and obviously firsthand having all of these various symptoms and treatments and stuff like that, do you feel it is safe for you right now to go back to your old assignment on Ambulance 22?

A No. That is hard for me to say but no.
Q Why?
A I feel like \(I\) would be a detriment to my team and my patients.

Q What is the basis for that concern?
A You know, the examples that were given to me from Dr. Van, because \(I\) wasn't seeing this when I was initially talking with him. I wasn't thinking about anyone else but myself.

He is like you are carrying a 90-year old woman down the stairs who just needs to get their
feeding tube replaced and all of a sudden you have one of these episodes because you haven't had your CPAP machine on the correct way or something happened because you were at work and you couldn't get the therapies that you needed. Now you go down the stairs and you hurt your partner and everyone else that is there.

Or, I mean, I wouldn't want me to respond to my mother having an issue, a 911 right now, because of the risk involved with it. That is me saying that outloud. Anybody that knows me knows being a paramedic is everything to me and that \(I\) don't think that it is safe for me to be doing what I love to do.

Q That being said and considering all the unknowns that are associated with Covid, I mean, what is your plan? Is your plan -- I mean, you're still at Mayo, correct?

A Yes, sir.
Q And you still communicate with Dr. Van on occasion, if there is any issues?

A Yeah. I am on a case study basis with Dr. Van so he is going to notify me if they find anything that's not just a Band-Aid. The CPAP at
home essentially is a Band-Aid for me, I suppose. It's just a for now thing so \(I\) am on it with a PRN basis where he is going to reach out when something happens or \(I\) reach out where I need help with something.

Q It is not your intent -- your intent is to get back to work as soon as you can do it safely or there is a position offered where you are not at least initially placed on a very busy ambulance working 24 hour shifts?

A Yeah. I am 32 years old and that is my dream job. So, yeah, \(I\) want to go back to work.

Q How long have you been on a no pay status?

A I haven't been paid since October.
Q That's not anything due to the Pension Board, that is due to some paperwork screw up within the Department, is that correct?

A Yeah. Yes. Somebody at HR -- I was advised by --

Q We don't have to blame anybody. The bottom line is for whatever reason you have been on no pay since October?

A That is true, yes.

MR. PINELLI: Counsel, \(I\) don't mean to cut you off, but \(I\) don't think that is necessarily relevant.

MR. MARCONI: I agree. It is just unusual and people usually don't go on no pay that long and \(I\) don't want to blame anybody or anything like that. We made the point. I am off it.

I don't have any other questions for Mr . Hesslau.

CHAIRMAN FORTUNA: Any questions?
MEMBER CONYEARS-ERVIN: Mr. President, I just wanted you to know Treasurer Conyears-Ervin is here.

CHAIRMAN FORTUNA: Thank you.
MEMBER CONYEARS-ERVIN: I heard the full testimony, \(I\) just wanted you to know, for the voting.

CHAIRMAN FORTUNA: Very good.
Trustees, any questions?
MEMBER MARTIN: When was the last syncope episode for clarification?

MR. HESSLAU: My last syncopal episode, I am pulling it up right now, sir, May 14 th of last year.

MEMBER MARTIN: Thank you.
CHAIRMAN FORTUNA: Any other questions?
Hearing none, Vince.
MR. PINELLI: Thank you.
EXAMINATION
BY MR. PINELLI:
Q Mr. Hesslau, I have a few questions for you as well.

You mentioned that for a period of time you were not driving a car. Are you driving a car now?

A Yes.
Q If I understood your testimony, you said prior to the Covid diagnosis you had never been diagnosed with sleep apnea, is that correct?

A That is correct.
Q But did you have any difficulty sleeping prior to the Covid incident? In other words, did you have issues waking up, things like that?

A No, sir.
Q None of that started until the Covid diagnosis is that what you are saying?

A Yes, sir.
Q You are also saying that it is regulated
or it is treated through the CPAP, the sleep apnea?
A Yes, sir.

Q So, basically, you use the CPAP, what, at night or when you sleep? When do you use it?

A Yes, sir, at night when \(I\) go to bed it goes on my face.

Q Do you know if the CFD allows for the use of a CPAP while you're on shift or on-duty?

A I believe they do but \(I\) think currently with Covid there is like special accommodations that need to be made for people on CPAP since it -I don't know the science behind it. But they are saying you can't have a CPAP in general population bunk rooms or anywhere where multiple people are at due to the Covid issue.

Q It sounds like your concern is that if you don't use the CPAP the fainting episodes might reoccur, that is what you are concerned about, right?

A Yes. At the absolute minimum, feeling the way where my pressure is extremely elevated. I can't really walk very far without feeling excessively fatigued. And I don't know how I would be able to function as a 911 paramedic for the City
of Chicago, if \(I\) can't even get to the ambulance in a proper pull out time to get to someone who needs help.

MR. PINELLI: Counsel, \(I\) am directing you to Group Board Exhibit 6.A.

BY MR. PINELLI:
Q These are notes from Advocate but they reference a study that was done when you were at Mayo in May of '21. There is a reference in the notes that said that, "The patient was walking back to bed from the bathroom. He took a few steps normally. Then seemed to slow down. His body leaned forward with an initial slow movement followed by collapse down". That sounds like one of the episodes you're talking about, right, what would happen to you?

A I believe you're talking about when \(I\) was in the epilepsy unit when they were trying to rule out epilepsy at the Mayo Clinic.

Q Then it says, "The patient remained limp in the sling for several seconds and per nursing report was holding his breath". Did you recall that episode?

A I don't recall any of the episodes, sir.

I know dropping. I know for sure dropping. I dropped there and that is where they found that it was not epilepsy related. The holding of the breath thing \(I\) did not know that was a thing, to be honest with you.

This is a gigantic document. I have had so many different medical records over this time period here.

My wife and those who have seen me go down said that it doesn't appear like \(I\) am breathing when \(I\) go down but \(I\) don't know about holding my breath. That is what you are asking about, sir?

Q Yes, that was what \(I\) was asking about. You don't have a recollection that you held your breath at that incident is that what you are saying?

A No. No, I don't remember any of my incidents. I go from standing to floor, you know.

Q And then just to conclude here, other than your concern about possibly fainting again or having these episodes in the future, basically, you feel like you would be able to go back to work?

A Yes, sir. I would love for one day to be
able to be told that \(I\) can return to my duties.
Q Now, since you went on layup, have you engaged in any activities by which you earn income or money?

A No. No.
Q Have you engaged in any sporting activities?

A No.
Q Are you taking any medications prescribed by a physician for any condition?

A Yes, sir.

Q What are you taking?
A I am taking Metoprolol for my high blood pressure and Amitriptyline for neuropathy.

MR. PINELLI: Thank you. That is all the questions I have.

CHAIRMAN FORTUNA: Trustees, any questions?

Hearing none.
MR. PINELLI: Counsel, do you have any brief follow up on that?

MR. MARCONI: No, Vince.
MR. PINELLI: Thank you. Do you have any other witnesses before I proceed to call Dr. Peters
to testify?
MR. MARCONI: No, I do not.
MR. PINELLI: Do you have any objection
to me calling Dr. Peters?
MR. MARCONI: No.
MR. PINELLI: Thank you.
(Witness previously sworn.) MICHAEL I. PETERS, M.D.
a witness herein, having been first duly sworn, was examined and testified as follows:

EXAMINATION
BY MR. PINELLI:
Q Dr. Peters, would you please state your name?

A Michael I. Peters.
Q You're a physician, is that correct?
A Yes.
Q And is a copy of your qualifications as a physician attached to the Board exhibits?

A Yes.

Q Do you perform a function as a consultant to this fund?

A Yes.
Q In that capacity, do you review medical
records, either examine or interview applicants and report to the Board?

A Yes, I do.
Q Did you follow that procedure with respect to this applicant?

A Yes.

Q Did you file a written report with the Board that is marked as Board Exhibit Number 2?

A Yes, I did.

Q Doctor, due to the current pandemic conditions, did you interview him rather than examine him?

A I interviewed him by telephone.

Q Was the information that he provided to you in your interview consistent or inconsistent with the medical records you reviewed?

A I think his understanding of his conditions is not always consistent with what the specialists at Mayo concluded.

Q Putting aside his understanding as he expressed it to you, did the information he provided about his medical history, though, seem to be accurate?

A Yes.
\(\square\) there was a lot of different testing. And so to keep it to the point, in your report you state, "All of his post-Covid symptoms have either resolved, been controlled with treatment, or were ultimately diagnosed as functional".

So let's talk about what are the treatments that are controlling any symptoms he's having?

A If you refer to the bottom of my Board letter, \(I\) summarize the new complaints that he developed post-Covid.

Q Okay.
A So, to start with hypertension, his hypertension has been controlled and it is documented in his cardiac rehab. I included that in my letter.

He did not have episodes of hypertensive emergency during that time. I did not see any documentation that his blood pressure was either -that he was either in shock and hypotensive or having blood pressure that was significantly elevated enough to cause organ symptoms and that has all been controlled with one medication

Metoprolol.
Next he has been having ongoing intermittent chest pain. He's had an extensive cardiac evaluation for ischemic disease or coronary disease and that has been negative.

And then he had a documented, and I did see the rhythm strip from cardiac rehab, on August 23rd of '21, he had what is called an accelerated junctional rhythm during rehab. It lasted ten seconds. It was not associated with hypotension. The rate was in the 70 's, that is why it is called accelerated because the normal junctional rhythm would be in the 40 's to 50's. But that was evaluated at least by telephone by a cardiologist from Mayo who did not express concern about that and advised if it occurred again that he should have a long -- you know, a 30-day cardiac event monitor to look for any arrhythmia.

Along the lines of arrhythmia, that was evaluated as a possible cause of his multiple fainting spells, syncopal events. And even with the monitor at Mayo, when he wore a prolonged monitor and he had an event, there was no abnormal rhythm.

Next is myocarditis, which is
inflammation of the heart muscle, that is sometimes seen with acute Covid infection.

During his hospital admission in
February, February of 2021 , he had possible area of myocarditis seen on his cardiac MRI. This again was repeated and it was unchanged on a subsequent cardiac MRI. Cardiologists from Mayo did not think this was a clinically significant myocarditis. In other words, he didn't have heart failure or permanent damage to the heart muscle function as measured by an echocardiogram.

And then he was admitted. There was a question of a stroke or TIA, a transient ischemic event. He was admitted to Lutheran with facial weakness and slurred speech. All of his neuro imaging, CT angiogram of the head and neck, MRI, MRA of the head and neck, which were repeated, were negative for any area of stroke within the brain.

The neurologist concluded that this was unlikely to represent a TIA or a stroke. One neurologist from Mayo thought it could possibly be related to a migraine because it was often followed by a headache.

And then the syncopal episodes, the fainting spells, which were numerous by his report, without warning he just dropped. One of them was captured as he mentioned on a home camera. The home video was reviewed by a neurologist at Mayo. It was advised that he wear a long -- for an extended period of time, he wear an EEG monitor, which is to look for any seizure activity within the brain, and to wear a cardiac monitor to look for any abnormal rhythm as the cause of syncope. This was done at Mayo and he had one episode that was witnessed by the staff there. He was wearing restraints so he didn't actually hit the ground but he did pass out. So there is three things. The nurse reported that he was holding his breath.

The EEG and cardiac event monitors were all negative. There was no seizure activity. No abnormal rhythm.

The conclusion from the specialists at Mayo was that these were not cardiac or neurologic in their cause but rather likely to be functional. Meaning there was no medical explanation but rather a psychological explanation was more likely.

And then the diagnosis of dysautonomia, this is abnormal function of the autonomic nervous system. This is the part of the nervous system that is not under our control.

For example, when you stand up, there is blood pooling in your legs. The body has to compensate for that otherwise you would faint, feel dizzy, so your arteries and veins in your leg constrict. Force blood back up to the heart. The heart beats faster and more vigorously for a period of time. That is the normal autonomic response so that the brain remains perfused with blood and you don't pass out.

This was considered as a possible cause of his multiple syncopal episodes. But he had a tilt table test, which is a specific test for looking for any abnormal response of your pulse and blood pressure with changes in body position.

Even though he subjectively reported that he was feeling lightheaded, that he might faint, seven minutes into the study, it was really negative.

> In addition at Mayo, they did very specific chemical tests for dysautonomia which were
also all negative.
Then later in his course he developed constipation or changes in bowel habits. He was determined to have abnormal muscular function for the muscles that are involved with defecation.

They weren't working as well as they should possibly causing his constipation.

The conclusion from the physicians at Mayo was that this could be related to work stress or possibly anxiety from having Covid. Either way he required physical therapy specific to pubic floor dysfunction. And at least by his report when I spoke to him, it sounds like that therapy was effective and that he's having normal bowel movements on a regular schedule as opposed to once a week.

And then sleep apnea. He underwent a sleep study at Mayo that showed mild obstructive sleep apnea. That is the upper airway would close off when he was lying flat and sleeping.

As he expressed, it was his opinion, to the Mayo physicians, that this could be related to Covid. It could also be the cause of his syncope. The physicians at Mayo specifically stated that
they did not agree, you know, that the sleep apnea was the cause.

It was also noted that he gained 30 pounds during all of this, which probably would be a more likely explanation for upper airway obstruction when you lay flat.

And then, you know, either way his subjective sleep has improved with CPAP and by his report his syncopal episodes have all resolved.

Again, this wouldn't make sense from a medical standpoint and it wasn't the opinion of any of the subspecialists at the Mayo Covid Clinic.

However, interestingly, Dr. Van has written that he thinks that the two are connected.

I would say that Dr. Van's opinion does not fit with the opinions of the other specialists at the Mayo Clinic.

Q I'm sorry, let me stop you there for a minute. Just focusing on the sleep apnea issue, that sounds like that sleep apnea is a result of some physical factor that a person has. Do you know of any literature that says that Covid causes sleep apnea?

A I think Covid can cause sleep apnea if it
is a neurologic central based sleep apnea. Meaning it is your respiratory drive neurologically that is causing it.

Though, when it is specifically obstructive, meaning the upper airway collapses on itself when you lay flat and sleep, no.

Q That is what he has, he has the obstructive issue?

A Yes.

Q Based on what you have seen in these records, does it appear to you that he doesn't have or does he have a medical condition currently that is preventing him from performing his duties related to Covid?

A I don't think he has a current medical condition that would prevent him from -- related to Covid that would prevent him from working, no.

Q You mentioned Dr. Van -- I am going to shorten it because \(I\) can't pronounce it. But the Mayo doctor, Dr. Van, that the applicant testified to at Mayo, he did indicate he believes that he should not -- he placed him at MMI and he does not think he can return to laborious or safety sensitive duties, that is his conclusion. Did he

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give anything in the record to support that conclusion?
\end{abstract}

A I didn't see an opinion from him as to why he thought that. He stated that opinion very early on in the Mayo evaluation so it was an opinion from the beginning before, you know, all of the diagnoses were -- you know, all the different complaints were evaluated. Dr. Van didn't think that he would be safely be able to go back to work. So I related that to the syncopal episodes. That if he was having frequent syncopal episodes he wouldn't be safely able to drive or take care of a patient.

I don't know why he persists with that opinion after the syncope was fully evaluated by the other Mayo subspecialists.

Q Would you agree with his opinion?
A Well, I do have concern about him returning to safety sensitive duty primarily because of the functional nature of these syncopal episodes. Meaning, \(I\) don't know if it will happen again. From a psychological standpoint, \(I\) think that needs to be further evaluated.

Q But the syncopal episodes I think are
related, at least as far as we have heard, to the sleep apnea. That's the connection there to the syncopal episodes or is that correct or are they just of an unknown etiology?

A It's my opinion that neither of those statements are correct. I think he's had a thorough evaluation for his syncope. I think experts at the Mayo Clinic have concluded that it is functional. Meaning a nonmedical psychological basis.

I think that they also clearly stated that sleep apnea is not the cause of his syncope. That his sleep specialists and neurologists both said that's not the cause.

The only thing you can say is that the episodes have stopped since he started using a CPAP mask.

Q Other than that fact, there's nothing else to indicate, at least what \(I\) am hearing from you, that from a medical standpoint that you saw, that his fainting episodes were the result of sleep apnea, is that true?

A I am sorry, can you say that again?
Q Sure. Other than the fact that the
fainting episodes stopped after he used the CPAP, as he testified to, is there any other medical evidence in the record to indicate that the fainting is caused by his sleep apnea, untreated sleep apnea?

A There is no evidence -- there is no medical evidence that his syncope is caused by sleep apnea. There is only the fact that he stopped having the episodes when he started using the mask, CPAP.

MR. PINELLI: That is all the questions \(I\) have of the doctor at this time.

CHAIRMAN FORTUNA: Trustees, any
questions for Dr. Peters?
Hearing none.
MR. PINELLI: Counsel, do you have any questions?

MR. MARCONI: Yes, I just had a couple to follow up.

EXAMINATION BY MR. MARCONI:

Q Dr. Peters, I guess what \(I\) am not sure about, what is this dysautonomia?

A A dysautonomia is malfunction of the
autonomic nervous system. Again, that is the part of the nervous system that's not under our control. Usually we are referring to responses of pulse and blood pressure to changes in body position. That doesn't occur normally in somebody who has autonomic dysfunction.

Q So, my understanding from going to Dr. Google is it basically -- it is part of the nervous system that controls involuntary bodily functions, like heartbeat, breathing and digestion. Do you think that is accurate?

A Yes.
Q So could a sleep issue be caused by this nervous system problem or issue?

A Vince asked me that question. If it was a central sleep apnea caused by a neurologic problem or it was a cardiovascular issue where his heart rate either stopped -- his heart rate went to zero, he went to asystole, or it became very bradycardiac, very slow. But not obstructive which is really from upper airway collapse in the back of your throat.

Q I know you indicated that the sleep issue -- I think you said the sleep issues are not

\begin{abstract}
related to the Covid or could they be related to the Covid?
\end{abstract}

A It's my opinion that they are not related to the Covid. That was the opinion of other physicians at Mayo.

Q I was looking at your report on 2.4 and \(I\) think it is like the fourth paragraph from the bottom. You indicate that Dr. Van stated, "Of course, the patient did not have difficulties with his GI symptoms or sleeping prior to his COVID-19 infection. We have seen similar symptoms in other patients ranging from mild to severe. Based on the timeline reported by the patient, in my medical opinion, the patient's sleep issues are related to his COVID-19 infection from work".

I am assuming that his treating physician Dr. Van -- his opinion is that they are related, is that fair to say?

A Yes. I want to clarify from the question you just asked me before. When we refer to the physicians at Mayo, \(I\) am not referring to Dr. Van. Dr. Van's opinion that you just read doesn't fit with the opinions of the other doctors at Mayo. So I am referring to the subspecialists that Dr. Van
referred to, that he sent him to. Those physicians did not think that the sleep apnea was the cause. Only Dr. Van has written an opinion that you just read.

Q Those other specialists, you are talking about the cardiologist, you are talking about the GI doctor, is that correct?

A No. I am referring to the neurologist, the epileptologist, the sleep study specialists.

Q Okay. But it seems that once he got over there and they prescribed the CPAP machine, \(I\) mean he did almost instantaneously stop having the falls and the syncopal episodes?

A That is true but the physicians at Mayo also concluded that these were functional episodes.

Q What does that mean?

A Meaning under his control of a psychological etiology.

Q Do you know if they referred him out to any -- I know sometimes you will see where they will refer them out to a psychiatrist or a psychologist to do an evaluation to determine whether or not this could be a psychological issue?

A I didn't see a referral to a
psychiatrist, no.
Q In terms of -- I guess in the Mayo records that \(I\) have read, \(I\) didn't see anything where they indicated that it could be a psychological issue.

A I can go through my note. I have it all highlighted. Whenever they refer to it as a behavioral/functional, that is what they are talking about.

I can go through that specifically. But if you look for the word behavioral, like the cause of syncope, we have excluded cardiovascular and seizure. And we have discussed with him that it is behavioral or functional, that is what they are referring to.

Q But there has never been a behavioral analysis, though, by someone who specializes in whatever psychological cause or something?

A I didn't see that in the records.
Q Then you indicated that, you know, you talked about the risk of his going back to work in a safety sensitive position. I have seen your name on a lot of IMEs in suburban cases. Where normally a doctor will refer a patient out maybe for a FCE,
a Functional Capacity Evaluation, correct?
A Yes.

Q Do you think that would apply? I mean, would that be a good idea here to determine whether or not Mr. Hesslau could be tested to see if he could perform the specific job or would that not apply in this situation?

A It's my opinion that -- I haven't seen evidence from a physical standpoint he's not able to perform the requirements of his job. The concern \(I\) expressed was because he's had a history of what appears to be functional or behavioral fainting spells and \(I\) am not sure why that is happening but \(I\) think it should be evaluated from a psychological standpoint.

Q That could be further treatment then, correct? I mean, if he went back to Dr. Van and even asked for a referral to see if that might be the cause of his loss of functioning when his mask falls off or when he is up too long, that is something he could explore?

A Yes.
Q Is there any reason from reading the records why Mayo wouldn't have done that? It
doesn't sound like they did.
A I can't guess why they didn't, except the events stopped.

Q Okay. I think we talked about this in the prior hearing. This Dr. Vanichkachorn -- he is -- obviously, I am assuming he has a good reputation because he is -- I don't want to say leading the clinic but he's at least the point person here for the care of Mr . Hesslau.

A I would assume -- I mean, he appears to be highly qualified.

Q He seems to be specialized just in this -- right now specialized in this long hauler Covid I will call it a syndrome, long haul, whatever. He specializes in this area where people are having these continuing issues with Covid related illness, they usually send them to Mayo or they can send them to Mayo?

A I have seen other people referred to Mayo but again there is people who often will see their own specialists in the area, multiple specialists, referred by their primary care physician. Or they will go to one of the other post-Covid specialty clinics in the Chicago area and then people often
go to Mayo as well.

Q I mean, \(I\) am assuming, and correct me if I am wrong, \(I\) realize you're saying that you see the word behavioral in there. You are not intimating that he is malingering?

A The definition of maligning would be doing it for gain. \(I\) am not suggesting that at all. I am really not suggesting anything like that. I am conveying to the Board what the conclusions of the subspecialists at Mayo -- what their opinion was based on all of the testing they did to evaluate medical causes of syncope.

Q You didn't see anything in the records that prior to Covid he had any sleep apnea or any kind of sleeping issues prior to this?

A No. But \(I\) did see that he gained 30 pounds during Covid.

Q Have you seen that in other patients where due to, \(I\) don't know, one or more factors that there can be weight gain with post-Covid long haulers?

A I haven't seen weight gain as a result of a chronic Covid condition. I think people that were homebound, you know, weren't doing their usual
activities. I don't think that is unusual for somebody to gain weight.

Q It might not mean medically related to Covid but due to the effects of Covid. Whether it is mental, whether it is physical, staying at home, like you said that could lead to some people putting on weight?

A Yes.
Q I didn't see anything -- just so we're clear, \(I\) didn't see anything in the records, maybe I missed it, about the weight gain being the cause for the sleep apnea. Was that ever a conclusion from Mayo or are you doing it as a process of elimination?

A If you can give me a few seconds to find that part of the note.

MR. PINELLI: Counsel, while he's looking for that, \(I\) assume we're getting close to the end here with testimony?

MR. MARCONI: Yes.
MR. PINELLI: Okay.
DOCTOR PETERS: I am having trouble
finding the part with the 30 -pound weight gain, but it was made by the physicians in the context of

\section*{sleep apnea.}

MR. PINELLI: Is that on Page 2.4 of your report or you reference it about the middle of the way down?

DOCTOR PETERS: Oh, I do. Okay, hold on a second.

MR. PINELLI: The sentence starts "was seen by Dr. Kammi Grayson".

DOCTOR PETERS: Hold on one second.
Yes. So he was seen by the sleep specialist and part of the history was that his wife had noted he was snoring more and that he had gained 30 pounds.

I mention that because that is relevant to a new diagnosis of obstructive sleep apnea. He included that as relevant history so.

Q He definitely has a weight gain as far as you know?

A Yes.
MR. MARCONI: I don't have anything further, Vince.

MR. PINELLI: Thank you.
MEMBER MURPHY: I'd like to make a motion to go into executive session under 2(c) 4 of the

Open Meetings Act.
MEMBER MARTIN: Second.
CHAIRMAN FORTUNA: There is a motion to
go into executive session seconded by Trustee Martin.

Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.

CHAIRMAN FORTUNA: Trustee
Conyears-Ervin.
MEMBER CONYEARS-ERVIN: Yes.
CHAIRMAN FORTUNA: Trustee Soni.
MEMBER SONI: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: And \(I\) am a yes.
Motion carries.
(Whereupon, the Board went into
Executive Session off the record.
No action was taken in Executive
Session.)

MEMBER MURPHY: Mr. President, I'd like to make a motion to grant the benefits requested by Paramedic in Charge Daniel Hesslau.

MEMBER MARTIN: Second.
CHAIRMAN FORTUNA: There is a motion to
grant by Trustee Murphy. Seconded by Trustee Martin.

Trustee Murphy.
MEMBER MURPHY: No.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: No.

CHAIRMAN FORTUNA: Trustee
Conyears-Ervin.
MEMBER CONYEARS-ERVIN: NO.
CHAIRMAN FORTUNA: Trustee Soni.
MEMBER SONI: No.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: No.

CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: I am a no.
Motion fails.
MEMBER MURPHY: I would like to make a
motion to deny the benefits requested.

MEMBER MARTIN: Second.

CHAIRMAN FORTUNA: There is a motion to deny by Trustee Murphy. Seconded by Trustee Martin.

Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee Conyears-Ervin.

MEMBER CONYEARS-ERVIN: Yes.
CHAIRMAN FORTUNA: Trustee Soni.
MEMBER SONI: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: No.
CHAIRMAN FORTUNA: I am a yes.
MS. BURNS: That motion passes.
We would recommend that we prepare Findings of Fact consistent with the Board's direction just now. We will have those available for the member and his attorney by next month for adoption by the Board.

CHAIRMAN FORTUNA: Mr. Hesslau, are you on?

MR. HESSLAU: Yes, I am here.

CHAIRMAN FORTUNA: Based on the evidence we have heard and considered, the Trustees have voted to deny the benefit that you have requested.

You will be notified my mail of the Findings of Fact and the Board's decision. Thank you.

MEMBER MURPHY: Mr. President, moving on to \(B\), request for a handicapped child annuity.

MS. BURNS: This is scheduled for a hearing today on a handicapped child annuity. This woman applied for the benefit in August. She is a approximately 40 -year old woman, who was looking for a benefit, based on her handicapped status. She has bipolar disease. More accurately, she has been diagnosed with bipolar disease.

Our Member was Robert Doyle, who died in April of 2021. While this matter was pending, the applicant Ms. Megan Doyle died. She died at the end of the year on December 19 th.

As a result of her death, it is our opinion that her claim for a benefit abates. I
know that is a hard concept but what that means is that her claim for a child's annuity did not survive her death.

We base that opinion on the Illinois Appellate Court's decision in the Hooker case and in the Reynolds case. Both cases involved the Firemen's Annuity and Benefit Fund of Chicago.

We also base it on the Illinois Pension Code, which says that claims that Members have or their beneficiaries have are not assignable. So it is not like she can assign this claim to anybody else to pursue on her behalf.

Lastly, the Illinois Survivor's Act makes it very clear that this type of action doesn't survive the death of the person bringing the claim.

So for all of those factors, as well as the fact that this money, if it were granted, would have been to be paid to a Special Needs trust and the trust provided that nobody who was born more than a day before this applicant could receive the benefit, so there would be nobody the Fund would be able to pay the benefits to that is connected with this woman. In other words, she didn't have children that we could pay the benefit to if
granted. That leads us to believe and to recommend to you that this claim has abated and that the family should be notified of this decision of the Board as a final action and they will have the right to take it up on appeal to the Circuit Court of Cook County, if they feel like they want to appeal our decision. That is our recommendation from a legal perspective.

MEMBER MURPHY: Motion to follow counsel's recommendation in this matter.

MEMBER MURPHY: Second.
CHAIRMAN FORTUNA: Motion by Trustee
Martin. Seconded by Trustee Murphy.
Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee
Conyears-Ervin.
MEMBER CONYEARS-ERVIN: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.

CHAIRMAN FORTUNA: And I am a yes.
Motion carries.
MEMBER MURPHY: Mr. President, I'd like
to move to Number 5 . I would like to make a motion
to approve the Board Physician's Reviews of
Disability Recipients.
MEMBER MARTIN: Second.
CHAIRMAN FORTUNA: There is a motion by
Trustee Murphy. Seconded by Trustee Martin.
Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee
Conyears-Ervin.
MEMBER CONYEARS-ERVIN: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: And \(I\) am a yes.
Motion carries.
MEMBER MURPHY: Mr. President, I would
like to move on to 6, Investments, and I'd like to
turn this over to Lorna for now and have Trustee Martin jump in with Lorna.

MS. SCOTT: My thought is that \(I\) would table most of my report to the Investment Committee meeting and just jump right down to the motion that I need from this meeting. Does that sound good?

CHAIRMAN FORTUNA: Yes.

MS. SCOTT: The motion \(I\) need, looking at the rebalancing template, Jackie is going to need \$16 and a half million to cover operations this month.

This is the allocations as of January 22nd. If you look down, we have cash in our investment account of \(\$ 14\) million. Jackie needs \$16 and a half million.

So the recommendation is to use most of that cash and to raise an additional \(\$ 3\) million. The plan is to take \(\$ 2\) million from Keeley, which is a small cap manager. What that does is reduce our overweight to small cap just a little bit. And then also take \(\$ 1\) million from Ernest, which is a fixed income manager. We are underweight here but Ernest has cash available.

The idea is given the volatility in the
market just to go ahead and use the cash that we have as opposed to do more trading.

If we look at the variance, again, these targets have been updated for the new model that was approved in December. So we're off target just by definition of the model changing. But at the same time, it's going to take a couple of RFPs to get us closer to target. But in the interim, we can balance towards the new target as there are cash raises.

We are still overweight in public equities, underweight private. So that is a total overweight to equities offset by under target to real assets and fixed income.

I am looking for a motion to raise up to \$3 million as indicated on the rebalancing template.

MEMBER MURPHY: Mr. President, I would like to make a motion as recommended.

MEMBER SHERIDAN: Second.
CHAIRMAN FORTUNA: There's a motion by Trustee Murphy. Seconded by Trustee Sheridan.

Trustee Murphy.
MEMBER MURPHY: Yes.

CHAIRMAN FORTUNA: Trustee Sheridan. MEMBER SHERIDAN: Yes.

CHAIRMAN FORTUNA: Trustee
Conyears-Ervin.
MEMBER CONYEARS-ERVIN: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: And I am a yes.
Motion carries.
MS. SCOTT: That is all the motions for investments and so \(I\) can hold off on my report.

There are a lot of good charts in here, if you ask me when there is more time.

MEMBER MARTIN: Is Jackie on? Does she want to say anything today?

MS. VLAHOS: For the investments, I am just hoping basically after this month it will be the last drawdown we need. Basically due to timing and after this we start getting our tax receipts coming in. Hopefully, if they come in as they have in the past years, we shouldn't have any other drawdowns needed for the remainder of the year.

MS. BURNS: We can move on to the
administrative expenses.
MEMBER MURPHY: I'd like to make a motion
to approve administrative expenses as presented.
MEMBER SHERIDAN: Second.
CHAIRMAN FORTUNA: There's a motion by
Trustee Murphy. Seconded by Trustee Sheridan.
Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.

CHAIRMAN FORTUNA: Trustee
Conyears-Ervin.
MEMBER CONYEARS-ERVIN: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.

CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.

CHAIRMAN FORTUNA: And \(I\) am a yes.
Motion carries.

MEMBER MURPHY: Mr. President, moving on to Number 8, the Budget Committee report. As of now \(I\) don't know if anyone has anything to add in addition to what was brought up in the Budget

Committee minutes, which was approved earlier. Are there any additions?

MR. WELLER: Jackie and I are available to address any questions, if there are any.

MEMBER MURPHY: There was one
recommendation from the Budget Committee meeting. I'd like to make a motion to adopt that recommendation to adopt the 2022 Budget as proposed.

MEMBER TEBBENS: Second.
CHAIRMAN FORTUNA: Motion to adopt by
Trustee Murphy. Seconded by Trustee Tebbens.
Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.

CHAIRMAN FORTUNA: Trustee
Conyears-Ervin.
MEMBER CONYEARS-ERVIN: Yes.
CHAIRMAN FORTUNA: Trustee Martin

MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: And I am a yes.

Motion carries.
MEMBER MURPHY: Mr. President, moving to the Executive Director's Report. Kelly, how much time do you need?

MR. WELLER: I will go quick.
So with that, Mr. President wanted me to express the 1099Rs for our Members will be going out next week. We will be getting those out, that is pending, that is just informational.

We have also put the Ethics Policy for the FABF Board into BoardPaq. As part of that Ethics Policy, there is an annual certification that needs to be done. I will be working with each of you to make sure that you acknowledge receipt.

CHAIRMAN FORTUNA: How many do we have?
MR. WELLER: Right now we have three in and I will have two more by the end of this meeting. The five that are present \(I\) will have and I will work with the three who are remote to get that done and report back to the Board when that is completed.

We did have a discussion regarding the term limit of our previous auditor. Through some discussions with our previous auditor, we have
agreed to a one year term, which would have ended for this year. It was recommended that we seek the second RFP provider and to see if they can provide the services for the second year of the audit.

We have done that. We secured Legacy Professionals, LIC at the same rate and at the same quote that they provided in their RFP.

Unless there is any objection that would be raised by the Board, \(I\) would like to proceed with signing those engagement letters and get the audit started.

Is there anyone who disapproves?

MS. BURNS: Trustee Conyears-Ervin, are you good with that? We had conversations and we were very respectful to the vendors as you had asked and they were very, very cooperative. Unless you have questions, Kelly is going to execute the new engagement letter.

MEMBER CONYEARS-ERVIN: Thank you all so much. I don't have any questions or concerns. I thank the team.

MR. WELLER: Thank you.

With that, Mr. President, the next order in board packet is the certification of the
training for 2021. This letter will go on file as public record. I have certified to you and you have certified to the public that the Trustees have met their annual training requirements for ethics.

CHAIRMAN FORTUNA: They are very
diligent.
MEMBER MURPHY: I would like to make a
motion to approve the indication of the Trustee training for 2021 and direct the Executive Director to take such action as required by law in relation to that certification.

MEMBER TEBBENS: Second.

CHAIRMAN FORTUNA: There's a motion by

Trustee Murphy. Seconded by Trustee Tebbens.

Trustee Murphy.

MEMBER MURPHY: Yes.

CHAIRMAN FORTUNA: Trustee Sheridan.

MEMBER SHERIDAN: Yes.

CHAIRMAN FORTUNA: Trustee

Conyears-Ervin.

MEMBER CONYEARS-ERVIN: Yes.

CHAIRMAN FORTUNA: Trustee Martin

MEMBER MARTIN: Yes.

CHAIRMAN FORTUNA: Trustee Tebbens.

MEMBER TEBBENS: Yes.

CHAIRMAN FORTUNA: And I am a yes.
Motion carries.

MEMBER MURPHY:

MR. WELLER: Also, at the request of Mr. President, \(I\) want to put on the agenda for approval the list of approved ethics and training for 2022.

Most of these right now are showing to be virtual but as the Omicron is beginning to \(I\) hope subside some of these might become to attend in-person again.

This is not meant to be an exhaustive list. This is just meant to be a list that we will add on and approve as new events appear. I would like to ask for your approval.

CHAIRMAN FORTUNA: \(I\) know for a fact a couple of NCPERS conferences have been moved to virtual. I don't know if you have that.

MR. WELLER: I do have it noted, sir.

MEMBER MURPHY: Motion to approve the revised list of Trustee education and training opportunities pursuant to Section 1-150 of the Pension Code and to approve the attendance of any Trustee that attends an approved conference
consistent with the Board's travel reimbursement policy.

MEMBER MARTIN: Second.
CHAIRMAN FORTUNA: Motion by Trustee
Murphy. Seconded by Trustee Martin.
Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.
MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee Conyears-Ervin.

MEMBER CONYEARS-ERVIN: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: And \(I\) am a yes.
Motion carries.
MR. WELLER: My last two items will go pretty quickly. The legislature update from Phelps and Barry is in BoardPaq as well.

We have three pieces of legislation that potentially could move for our consideration. You can see that Phelps and Barry Legislative Report in

\section*{BoardPaq.}

House Bill 3177, which essentially takes back the refund language that was just passed out of the Public Act that was last year acknowledging that there was an error in LRB in drafting.

This Board has taken the position that it is a reversal. Therefore, we don't have an opinion on it but it has been brought up.

The second one is House Bill 4435, which deals with MRSA, which is type of staph infection.

Again, \(I\) will provide more information, if anybody wants more. Essentially, this just has been introduced. We checked on the impact of this. It will be virtually nominal so \(I\) think this Board has been conveyed to me as neutral on the impact of it. Just if it is necessary, it is necessary. The legislature agrees with it. We don't have an opinion.

MEMBER TEBBENS: This is presumptive for \(65 ?\)

MR. WELLER: For that type of staph infection that has been identified.

Finally, there is a bill that we are watching that affects the Laborers which has to do
with the proxy.
CHAIRMAN FORTUNA: Would you explain that one for me?

MR. WELLER: The City officials, who serve on multiple boards, on some of the other boards there is language that allows them to use a proxy rather than to attend in-person.

The Laborer's are looking at their proxy language as it pertains to the Treasurer. We have looked at it. We don't have any opinion on it at this board. I wanted to make you aware that that is a conversation being had across the four City funds, with the Trustees that serve on multiple boards. It has been introduced into Senate Bill 2952.

MS. BURNS: Currently, the Municipal Fund allows for a proxy. Laborers is trying to achieve that option for their fund as well.

MEMBER TEBBENS: We don't have an opinion?

MS. BURNS: We are not taking a position on that, that is our recommendation.

If the Treasurer wants that, \(I\) am sure we can talk about that.

MR. WELLER: At this point, I just wanted the Board to be aware it is out there and there is a conversation.

MEMBER TEBBENS: They don't have to attend a meeting, to give their votes to another Trustee?

MS. BURNS: Not to another Trustee, you can never do that. They designate an individual, at Municipal, Mr. Slack, the Deputy Treasurer, is designated to sit for the Treasurer on the rare occasion when she's not able to attend the meeting. Mr. Slack can vote for the Treasurer.

That is a common practice. If it passes, which \(I\) think it will, then we can look at what the Board wants to do.

MR. WELLER: The President has asked me where there is an overlapping City Council meeting to look at ways to try to move our meeting accordingly.

The Council has nicely posted the next six months of meeting. This one was the only one that overlaps until July.

I will come back with some conversation about our recommendation for July and August, if
there is overlap there, which we anticipate there will be.

It is very difficult for us to move off of the third Wednesday to a Tuesday or Thursday, because the other City plans box those days out.

CHAIRMAN FORTUNA: So everyone understands, explain how they have their structure.

MR. WELLER: Because we have Trustees that sit on multiple boards, and all of us post in advance and all of us has had a tradition of having these meetings on certain days, it becomes difficult for us to have to move off a Wednesday. Tuesdays and Thursdays for the most part are blocked by the other boards.

For us our options are to move up, which we have done. And we can see why that is relevant on a day like today where there are issues to get done in a short amount of time. Or, we can look at perhaps meeting on a Monday or Friday.

I will work with Mr. President on the two dates \(I\) know will be affected. We should not be affected at least until July, unless something changes.

With that, if there is no objection, I
will go back to the 8:30 start time. Is that acceptable to everyone?

CHAIRMAN FORTUNA: Okay.
MR. WELLER: Where we have an overlap that we can't move, we will continue with the eight o'clock start time to accommodate the agenda that we anticipate having over those meetings.

CHAIRMAN FORTUNA: Okay.
MR. WELLER: Mr. President, that concludes my report.

MEMBER MURPHY: Motion to accept the Executive Director's report.

MEMBER MARTIN: Second.
CHAIRMAN FORTUNA? Motion to accept by Trustee Murphy. Seconded by Trustee Martin.

Trustee Murphy.
MEMBER MURPHY: Yes.
CHAIRMAN FORTUNA: Trustee Sheridan.

MEMBER SHERIDAN: Yes.
CHAIRMAN FORTUNA: Trustee

Conyears-Ervin.
MEMBER CONYEARS-ERVIN: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.

CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.

CHAIRMAN FORTUNA: And I am a yes.
Motion carries.
MEMBER MURPHY: Moving on to the next
item Legal Update. Counsel, would you please take it away?

MS. BURNS: I am happy to report there is nothing new to report. You have the case update. There is one legal matter that I'd like to discuss with the Trustees, if you are so inclined, and for that \(I\) would recommend that we proceed in closed session pursuant to Section \(2(c) 11\) of the Open Meetings Act as it may involve potential litigation.

MEMBER MURPHY: Motion to go into closed session as per counsel's advice.

MEMBER SHERIDAN: Second.
CHAIRMAN FORTUNA: Motion to go into closed session by Trustee Murphy. Seconded by Trustee Sheridan.

Trustee Murphy. MEMBER MURPHY: Yes.

CHAIRMAN FORTUNA: Trustee Sheridan.
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            MEMBER SHERIDAN: Yes.
            CHAIRMAN FORTUNA: Trustee
    Conyears-Ervin.
MEMBER CONYEARS-ERVIN: Yes.
CHAIRMAN FORTUNA: Trustee Martin
MEMBER MARTIN: Yes.
CHAIRMAN FORTUNA: Trustee Tebbens.
MEMBER TEBBENS: Yes.
CHAIRMAN FORTUNA: And I am a yes.
Motion carries.
(Whereupon, the Board went into
Executive Session off the record.
No action was taken in Executive
Session.)
MEMBER MURPHY: Mr. President, do we have
any old business or new business?
Hearing none, I'd like to make a motion
to adjourn today's meeting.
MEMBER SHERIDAN: Second.
CHAIRMAN FORTUNA: Motion by Trustee
Murphy. Seconded by Trustee Sheridan.
All in favor?
(Chorus of ayes.)
CHAIRMAN FORTUNA: Opposed?

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Hearing none, motion carries. Thank you.
(WHICH WERE ALL THE PROCEEDINGS
IN THE ABOVE-ENTITLED MEETING AT THIS DATE AND TIME.)
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STATE OF ILLINOIS )
) SS.
COUNTY OF DU PAGE )

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DEBORAH TYRRELL, being a Certified Shorthand Reporter, on oath says that she is a court reporter doing business in the County of DuPage and State of Illinois, that she reported in shorthand the proceedings given at the taking of said cause and that the foregoing is a true and correct transcript of her shorthand notes so taken as aforesaid; and contains all the proceedings given at said cause.

\section*{Debbie Jyrrell}

DEBBIE TYRRELL, CSR License No. 084-001078
\begin{tabular}{|c|c|c|c|c|}
\hline \$ & \multirow[t]{2}{*}{\begin{tabular}{l}
101:18 \\
2(c)11 [1] - 116:13 \\
2(c) 4 [1] - \(93: 24\)
\end{tabular}} & 6 & 32:18, 44:8, 47:8 & adoption [1] - 96:24 \\
\hline \$14 [1] - 101:14 & & \(6_{[1]}\) - 100:24 & 13: & dvantage \({ }_{[1]}\) - 32 \\
\hline \$16[2]-101:10, & 2(c)4[1]-93:24
2.4[2]-86:6, \(93: 2\)
20 2 ] & 6.A \({ }_{[1]}\) - 69:5 & account [1] - 101:1 & advice \({ }_{[1]}\) - 116:17 \\
\hline 101:15 & \[
\begin{aligned}
& 20[2]-1: 12,45: 13 \\
& 200[1]-59: 18
\end{aligned}
\] & \(65[1]-111: 20\) & \multirow[t]{2}{*}{Accountant \({ }_{[1]}\) - 2:18 accurate \([4]\) - 18:22, 19:14, 73:23, 85:11} & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { advised }[6]-5: 10 \\
& 48: 11,49: 16,65: 20, \\
& 75: 16,77: 6
\end{aligned}
\]} \\
\hline & 2000 [1] - 18:10 & 7 & & \\
\hline & 2010 [1] - 41:23 & & \multirow[t]{2}{*}{\begin{tabular}{l}
accurately [1] - 97:17 \\
achieve \({ }_{[1]}\) - 112:17
\end{tabular}} & \multirow[t]{2}{*}{\begin{tabular}{l}
Advocate[1]-69:7 \\
affect [1]-31:10
\end{tabular}} \\
\hline '21 [2] - 69:9, 75:8 & \multirow[t]{3}{*}{\[
\begin{aligned}
& 2017[1]-41: 9 \\
& 2020[7]-19: 10, \\
& \text { 19:16, 19:23, 20:15, } \\
& 26: 9,30: 11,43: 20
\end{aligned}
\]} & \[
\begin{aligned}
& \text { 70's }{ }_{[1]}-75: 11 \\
& 79{ }_{[1]}-18: 14
\end{aligned}
\] & & \\
\hline \multirow[t]{2}{*}{0} & & & \[
\begin{aligned}
& \text { acknowledge }[1] \text { - } \\
& \text { 106:14 }
\end{aligned}
\] & \multirow[t]{2}{*}{\begin{tabular}{l}
affected [3]-31:2, \\
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\end{tabular}} \\
\hline & & 8 & acknowledging \({ }_{[1]}\) - & \\
\hline 011684[1] - 14:16 & \multirow[t]{2}{*}{2021[10]-6:22, 7:1,} & & 111:4 & \multirow[t]{2}{*}{affidavit [5] - 18:16, 18:19, 42:23, 43:2,} \\
\hline 06669 [1] - 12:1 & & 8 [1] - 104:22 & \multirow[t]{2}{*}{\[
\begin{gathered}
\text { Act }[9]-3: 17,3: 19, \\
3: 21,4: 2,4: 6,94: 1,
\end{gathered}
\]} & \\
\hline 07253 [1] - 11:6 & 97:20, 108:1, 108:9 & \multirow[b]{2}{*}{8:00 [1] - 1:15} & & 43:19 \\
\hline 08369 [2] - 10:10, 11:5 & 2022 [6]-1:14, 3:2, & & & \multirow[t]{2}{*}{\begin{tabular}{l}
aforesaid [1] - 119:12 \\
afternoon [1] - 44:10
\end{tabular}} \\
\hline 084-001078 [1] - & & \multirow[t]{2}{*}{8.30 [1] - 115.1} & \multirow[t]{2}{*}{\[
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& \text { acted }[1]-3: 20 \\
& \text { acting }[1]-49: 11 \\
& \text { action }[5]-94: 23, \\
& \text { 98:14, 99:4, 108:10, } \\
& \text { 117:13 }
\end{aligned}
\]} & \\
\hline 119:18 & 109:7 & & & \multirow[t]{2}{*}{47:4} \\
\hline \multirow[b]{2}{*}{1} & \multirow[t]{2}{*}{\[
\begin{gathered}
22[9]-38: 23,45: 4, \\
45: 7,45: 10,45: 15, \\
45: 17,56: 7,62: 22,
\end{gathered}
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& \text { action [5]-94:23, } \\
& 98: 14,99: 4,108: 10,
\end{aligned}
\] & \\
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\begin{aligned}
& 90 \text {-year }[1]-63: 23 \\
& 91-0715[1]-4: 6
\end{aligned}
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\text { agenda }[3]-10: 8 \text {, } \\
\text { 109:6, 115:6 }
\end{gathered}
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& 1 \text { [12] - 16:17, 17:4, } \\
& \text { 17:8, 19:10, 19:16, } \\
& \text { 19:23, 30:11, 39:16, } \\
& \text { 40:1, 40:5, 43:20, } \\
& \text { 101:21 }
\end{aligned}
\]} & \[
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& 45: 17,56: 7,62: 22 \text {, } \\
& 63: 13
\end{aligned}
\] & & \multirow[t]{2}{*}{\[
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& \text { active }[4]-5: 24,45: 8, \\
& 46: 23,61: 21
\end{aligned}
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& \text { ago [1] - } 4: 20 \\
& \text { agree }[3]-66: 4,80: 1,
\end{aligned}
\] \\
\hline & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { 22nd }[1] \text { - 101:13 } \\
& \text { 23rd }[3]-45: 4,45: 15,
\end{aligned}
\]} & \multirow[t]{2}{*}{911 [2] - 64:9, 68:24
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agree [3]-66:4, 80:1,
    82:17
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\hline & & & \[
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& \text { Active }[4]-2: 5,2: 6, \\
& 2: 7,2: 11
\end{aligned}
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& 24[4]-56: 8,61: 21, \\
& 65: 10
\end{aligned}
\]} & \multirow[t]{2}{*}{A} & \multirow[t]{2}{*}{\[
\begin{gathered}
\text { activities }[5]-21: 7, \\
28: 5,71: 3,71: 7,
\end{gathered}
\]} & agrees [2] - 54:18, \\
\hline 1-150[1] - 109:22 & & & & \[
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\] \\
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\hline \(100[1]-47: 1\) & 46:2, 56:6, 56:11, & abated [1] - 99:2 & \multirow[t]{2}{*}{\[
\begin{gathered}
\text { activity }[3]-28: 2, \\
77: 8,77: 18
\end{gathered}
\]} & \multirow[t]{2}{*}{Aid [2] - 64:24, 65:1 airway [4]-79:19,} \\
\hline 101-0640 [2]-3:17,
\(3: 22\) & \[
\begin{gathered}
61: 20,62: 7 \\
\mathbf{2 6} 51-1 \cdot 14.3
\end{gathered}
\] & \begin{tabular}{l}
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able [15] - 50:9, 50:13,
\end{tabular} & & \\
\hline 10129 [2] - 8:22, 10:11 & \(26[2]-1: 14,3: 2\)
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52: 10
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\] \\
\hline \(103{ }^{[1]}\) - 44:16 & 2nd [1] - 46:12 & 62:17, 62:19, 68:24, & & \multirow[t]{2}{*}{\begin{tabular}{l}
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allocations [1] -
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\end{tabular}} \\
\hline 104[1]-44:16 & & \multirow[t]{3}{*}{\[
\begin{aligned}
& 70: 23,71: 1,82: 9, \\
& 82: 12,89: 9,98: 22, \\
& 113: 11
\end{aligned}
\]} & ```
acute [3]-31:1, 31:9,
    76:3
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\hline 1094[1]-1:7 & 3 & & \multirow[t]{2}{*}{\[
\begin{aligned}
& \operatorname{add}[2]-104: 23, \\
& 109: 14
\end{aligned}
\]} & \multirow[t]{2}{*}{\begin{tabular}{l}
allow [1]-25:17 \\
allowed [2]-52:11,
\end{tabular}} \\
\hline 1099Rs [1] - 106:7 & & & & \\
\hline \[
\begin{aligned}
& 11[4]-16: 17,17: 4, \\
& 17: 8,42: 5
\end{aligned}
\] & 3 [2] - 101:17, 102:16 & \[
\begin{gathered}
\text { abnormal }[6]-75: 23, \\
77: 10,77: 19,78: 2,
\end{gathered}
\] & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { addition }[3]-41: 24, \\
& 78: 23,104: 24 \\
& \text { additional }[1]-101: 17
\end{aligned}
\]} & allows [4]-3:18, 68:7, \\
\hline 12[3]-39:17, 40:1, & \(30[4]-47: 2,80: 3\),
91:16, 93:13 & \multirow[t]{2}{*}{\[
\begin{aligned}
& 78: 17,79: 4 \\
& \text { ABOVE }_{[1]}-118: 5
\end{aligned}
\]} & & allows [4] - 3:18, 68:7,
\[
112: 6,112: 17
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\hline 40:5 & 30-day [1] - 75:17 & & \begin{tabular}{l}
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\end{tabular} & almost [2]-55:13, \\
\hline 12th [1] - 26:18 & 30-pound [1] - 92:23 & \multirow[t]{2}{*}{ABOVE [1] - 118:5 above-entitled [1] -
1:11} & \multirow[t]{2}{*}{address [4]-4:10, 4:18, 27:11, 105:4} & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { 87:12 } \\
& \text { alone }[3]-51: 1,52: 13,
\end{aligned}
\]} \\
\hline 13 [3]-6:22, 7:1, 7:4 & \multirow[t]{2}{*}{\(300{ }_{[1]}-1: 12\)
30th [2] - 20:22, 20:23} & & & \\
\hline 13th [3]-26:9, 26:12, & & \multirow[t]{2}{*}{ABOVE-ENTITLED \({ }_{[1]}\)
- 118:5} & \multirow[t]{2}{*}{\[
\begin{gathered}
\text { 4:18, 27:11, 105:4 } \\
\text { addressed [2] - 4:21, }
\end{gathered}
\]} & alone [3]-51:1, 52:13,
53:16 \\
\hline 26:19 & \(3177{ }_{[1]}\) - 111:2 & & & ALSO \({ }_{[1]}\) - 2:15 \\
\hline 14229 [1] - 9:16 & 32 [1]-65:11 & \multirow[t]{3}{*}{\[
\begin{aligned}
& -118: 5 \\
& \text { absolute }{ }_{[1]}-68: 20 \\
& \text { absolutely }[3]-25: 13, \\
& 55: 16,59: 8
\end{aligned}
\]} & \multirow[t]{2}{*}{\begin{tabular}{l}
adjourn [1] - 117:18 \\
adjustments \([1]\) - 6:15
\end{tabular}} & \multirow[t]{2}{*}{Ambulance \([7]\) -
\[
38: 23,45: 4,45: 7,
\]} \\
\hline \[
\begin{aligned}
& 1_{14524}^{[1]}-8: 3 \\
& 1_{[1]}-12: 24
\end{aligned}
\] & & & & \\
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\begin{aligned}
& \text { 14994 [1] - 12:24 }^{\text {14th }[1]-66: 23}
\end{aligned}
\] & 4 & & administrative \({ }_{[2]}\) -
104:2, 104:4 & \[
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\] \\
\hline 15[3]-6:22, 7:2, 7:6 & 40 [1] - 46:22 & Academy [2]-21:10,
42:21 & \multirow[t]{2}{*}{Administrative [2] -
\[
6: 20,14: 13
\]} & \multirow[t]{2}{*}{ambulance [14] -} \\
\hline \(15650{ }_{[1]}\) - 12:24 & 40's [1] - 75:13 & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { accelerated }[2]-75: 8 \text {, } \\
& 75: 12
\end{aligned}
\]} & & \\
\hline 15681 [1] - 8:3 & 40-year [1] - 97:15 & & \multirow[t]{2}{*}{\[
\begin{gathered}
\text { admission }[5]-16: 24, \\
17: 3,39: 21,39: 24,
\end{gathered}
\]} & \multirow[t]{4}{*}{\[
\begin{aligned}
& 45: 13,45: 18,45: 20, \\
& 45: 21,47: 14,47: 17, \\
& 47: 21,49: 3,63: 5, \\
& 65: 9,69: 1
\end{aligned}
\]} \\
\hline \(17{ }^{[1]}\) - 18:10 & \multirow[t]{2}{*}{\[
\begin{aligned}
& 4435_{[1]}-111: 9 \\
& 459_{[1]}-45: 5
\end{aligned}
\]} & \multirow[t]{4}{*}{```
accept [2] - 115:11,
    115:14
acceptable [1] - 115:2
accommodate [2] -
```} & & \\
\hline 19 [2] - 6:23, 7:5 & & & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { 17:3, 39:21, 39:24, } \\
& 76: 4 \\
& \text { admit }[1]-49: 17
\end{aligned}
\]} & \\
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& \text { 19th }_{[1]}-97: 22
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\hline \[
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& \text { AT }
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\end{gathered}
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\end{gathered}
\]} & \[
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60: 1,65: 4,69: 3 \\
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67: 7,89: 5,90: 9, \\
95: 3,97: 1 \\
\text { HESSLAU }[4]-39: 6, \\
40: 19,66: 22,97: 3 \\
\text { high }[4]-53: 2,53: 4, \\
56: 11,71: 13 \\
\text { highlighted }[1]-88: 7 \\
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30: 9,58: 21,73: 22, \\
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\end{array} \\
\text { hit }[5]-4: 16,44: 22, \\
49: 23,50: 13,77: 13 \\
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\text { hoarseness }[3]- \\
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\text { hold }[5]-6: 14,59: 19, \\
93: 5,93: 9,103: 13 \\
\text { holding }[4]-69: 22, \\
70: 3,70: 12,77: 15 \\
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\]} & \[
\text { hours }[3]-56: 8,56: 9
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\hline 44:12 & & - 47:20 & \multirow[t]{4}{*}{\[
\begin{array}{|c}
30: 7,73: 15 \\
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\text { increased }[1]-59: 22 \\
\text { Indiana }[1]-41: 19 \\
\text { indicate }[7]-33: 10, \\
48: 23,57: 12,81: 21, \\
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88: 20,102: 16 \\
\text { indicates }[7]-18: 9, \\
19: 9,41: 8,43: 19 \\
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& 67: 7,89: 5,90: 9, \\
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\begin{aligned}
& \mathbf{H R}_{[1]}-65: 19 \\
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& 64: 6
\end{aligned}
\]} & \multirow[t]{2}{*}{\[
\begin{gathered}
\text { indicated }[6]-20: 9, \\
27: 14,85: 23,88: 4,
\end{gathered}
\]} & \multirow[t]{2}{*}{\[
\begin{gathered}
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\end{gathered}
\]} \\
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\end{aligned}
\]} & indicates [7]-18:9, & \multirow[t]{2}{*}{\[
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& \text { 100:24 }
\end{aligned}
\]} \\
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\begin{aligned}
& \text { information }[7] \text { - } \\
& 25: 20,30: 5,30: 11,
\end{aligned}
\]} & \\
\hline & & \[
\begin{aligned}
& \text { idea }[3]-54: 17,89: 4, \\
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\end{aligned}
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\end{aligned}
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\begin{gathered}
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93: 5,93: 9,103: 13
\end{gathered}
\]} & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { Illinois }[6]-1: 14, \\
& 41: 17,98: 4,98: 8,
\end{aligned}
\]} & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { inhaler }[2]-27: 15 \text {, } \\
& 27: 16
\end{aligned}
\]} & \multirow[t]{2}{*}{\[
\begin{aligned}
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54: 8,60: 18,69: 13
\end{gathered}
\]} & \multirow[t]{2}{*}{\[
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& 86: 14,90: 16,91: 15,
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\]} \\
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\end{aligned}
\]} \\
\hline haulers [2] - 33 & \multirow[t]{2}{*}{\[
\begin{aligned}
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\] & \multirow[t]{2}{*}{111:15} & \multirow[t]{2}{*}{instantaneously [1] -
87:12} & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { itself }[3]-52: 11, \\
& 58: 11,81: 6
\end{aligned}
\]} \\
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\hline 21:8, 63:9 & \multirow[t]{2}{*}{} & & insurance [5]-24:3, & \\
\hline hear [2] - 38:11, 45:23 & & \multirow[t]{2}{*}{\[
\begin{aligned}
& 55: 18,56: 1,56: 23 \\
& \operatorname{IN}_{[2]}-1: 7,118: 5
\end{aligned}
\]} & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { 24:5, 24:9, 24:16, } \\
& 24: 24
\end{aligned}
\]} & Jackie [4] - 101:9, \\
\hline heard [3]-66:15 & & & & \multirow[t]{2}{*}{\[
\begin{aligned}
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\]} \\
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\begin{aligned}
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& 101: 12
\end{aligned}
\]} \\
\hline 83:19, 84:15, 90:5, & & & \[
\begin{aligned}
& 80: 13 \\
& \text { interim }[1]-102: 8
\end{aligned}
\] & \\
\hline 97:13, 117:17 & \multirow[t]{2}{*}{\[
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\begin{aligned}
& \text { Jerry [2] - 16:11, } \\
& 39: 11
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\hline hearings \({ }_{[1]}-15: 22\) & & & & \\
\hline heart [8]-22:23, 76:2 & \multirow[t]{2}{*}{} & \multirow[t]{2}{*}{\[
\begin{aligned}
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\hline
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\begin{aligned}
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& \text { leaned }[1]-69: 13 \\
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& 57: 17,62: 6,62: 14 \text {, } \\
& 65: 9,75: 14,79: 12 \text {, } \\
& \text { 83:1, 83:19, } 90: 8 \text {, } \\
& \text { 114:22 } \\
& \text { leave }[2]-46: 22,47: 9 \\
& \text { leaving }[1]-48: 4 \\
& \text { left }[2]-51: 1,53: 16
\end{aligned}
\]} & \multirow[t]{2}{*}{} & \multirow[t]{4}{*}{\[
\begin{gathered}
\text { 16:11, 16:20, 17:1, } \\
\text { 17:13, 17:21, 18:2, } \\
\text { 25:21, 28:19, 33:4, } \\
35: 13,35: 16,39: 11, \\
39: 18,39: 22,40: 10, \\
40: 18,40: 23,66: 4, \\
71: 22,72: 2,72: 5, \\
84: 18,84: 21,92: 20, \\
93: 20 \\
\text { Marconi }[2]-16: 11, \\
39: 11 \\
\text { marked }[3]-29: 22, \\
55: 18,73: 8 \\
\text { market }[1]-102: 1
\end{gathered}
\]} & \multirow[t]{2}{*}{} \\
\hline Joseph [1] - 13:18 & & & 17:13, 17:21, 18:2, & \\
\hline journal [1] - 44:8 & & \multirow[t]{2}{*}{\begin{tabular}{l}
located [1] - 45:8 \\
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look [10]-59:2, 75:18, \\
77:8, 77:9, 88:11, \\
101:13, 102:3, \\
113:14, 113:18, \\
114:18 \\
looked [2]-27:10, \\
112:10
\end{tabular}} & & \[
\begin{aligned}
& 34: 2,34: 3,34: 10, \\
& 34: 11,34: 17,34: 19 \\
& 34: 23,35: 1,35: 6
\end{aligned}
\] \\
\hline July [4]-18:10, & \multirow[t]{4}{*}{\[
\begin{aligned}
& \text { least }[11]-55: 24, \\
& 57: 17,62: 6,62: 14, \\
& 65: 9,75: 14,79: 12, \\
& \text { 83:1, 83:19, } 90: 8, \\
& 114: 22
\end{aligned}
\]} & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { 77:8, 77:9, 88:11, } \\
& \text { 101:13, 102:3, }
\end{aligned}
\]} & \multirow[t]{2}{*}{\[
\begin{aligned}
& 35: 13,35: 16,39: 11, \\
& 39: 18,39: 22,40: 10,
\end{aligned}
\]} & \multirow[t]{2}{*}{\[
\begin{aligned}
& 53: 7,53: 9,53: 20, \\
& 53: 23,54: 13,54: 15,
\end{aligned}
\]} \\
\hline \[
\begin{aligned}
& 113: 22,113: 24, \\
& 114: 22
\end{aligned}
\] & & & & \\
\hline jump [2] - 101:2, & & \[
\begin{aligned}
& \text { 113:14, 113:18, } \\
& 114: 18
\end{aligned}
\] & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { 71:22, 72:2, 72:5, } \\
& \text { 84:18, 84:21, 92:20, }
\end{aligned}
\]} & \multirow[t]{2}{*}{\[
\begin{aligned}
& 56: 2,57: 15,59: 6, \\
& 64: 18,69: 9,69: 19
\end{aligned}
\]} \\
\hline 1:5 & & \[
\begin{aligned}
& \text { 114:18 } \\
& \text { looked [2] - 27:10, }
\end{aligned}
\] & & \\
\hline junctional [6] - 58:5 & \multirow[t]{2}{*}{\begin{tabular}{l}
leave [2] - 46:22, 47:9 \\
leaving \({ }_{[1]}\) - 48:4
\end{tabular}} & & & \multirow[t]{2}{*}{\[
\begin{aligned}
& 73: 19,74: 1,75: 15, \\
& 75: 22,76: 8,76: 22,
\end{aligned}
\]} \\
\hline 58:15, 59:2, 5 & & \multirow[t]{3}{*}{\[
\begin{aligned}
& \text { looking [7] - 78:17, } \\
& \text { 86:6, } 92: 17,97: 15, \\
& \text { 101:8, 102:15, 112:8 }
\end{aligned}
\]} & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { Marconi }[2]-16: 11, \\
& 39: 11
\end{aligned}
\]} & \\
\hline 9, 75:12 & & & & 77:5, 77:11, 77:21, \\
\hline jurisdiction [1] - 4:12 & & & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { marked }[3]-29: 22, \\
& 55: 18,73: 8
\end{aligned}
\]} & \multirow[t]{2}{*}{\[
\begin{aligned}
& 78: 23,79: 9,79: 18, \\
& 79: 22,79: 24,80: 12,
\end{aligned}
\]} \\
\hline & \multirow[t]{3}{*}{\begin{tabular}{l}
Legacy \({ }_{[1]}\) - 107:5 \\
Legal \(\left.{ }_{[1]}\right]\) - 116:6 \\
legal [2]-99:8, 116:10
\end{tabular}} & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { looks }[4]-18: 15,19: 6, \\
& 26: 8,58: 15
\end{aligned}
\]} & & \\
\hline & & & & 80:17, 81:20, 81:21, \\
\hline & & LORI [1] - 2:16 & \begin{tabular}{l}
Martin [38] - 3:10, \\
7:11, 7:16, 8:11,
\end{tabular} & \multirow[t]{2}{*}{\[
\begin{aligned}
& 82: 5,82: 16,83: 8 \\
& 86: 5,86: 21,86: 23
\end{aligned}
\]} \\
\hline Kammi [1] - & legislation [1] - & \multirow[t]{2}{*}{Lorna [2] - 101:} & \multirow[t]{3}{*}{\begin{tabular}{l}
9:19, 9:24, 10:19, \\
11:14, 12:12, 13:3,
\end{tabular}} & \\
\hline Keeley [1] - 101:18 & 110:22 & & & 87:14, 88:2, 89:24, \\
\hline keep [2] - 7:7, 74:3 & Legislative \({ }_{[1]}\) & LORNA [1] - 2:1 & & 90:17, 90:18, 90:19, \\
\hline Kelly \({ }_{[2]}\) - 106:3, & 110:24 & lose [1] - 61:7 & \[
\begin{aligned}
& \text { 11:14, 12:12, 13:3, } \\
& \text { 13:8, 14:4, 15:2, }
\end{aligned}
\] & \begin{tabular}{l}
91:1, 91:10, 92:13 \\
mean [20] - 19:20
\end{tabular} \\
\hline 107 & l & loss [1] - 89:19 & \begin{tabular}{l}
13:8, 14:4, 15:2, \\
36:4, 36:9, 37:7,
\end{tabular} & mean [20]-19:20, \\
\hline \(\operatorname{KELLY}_{[1]}-2: 16\) & 110:20, 111:1 & love [2] - 64:14, 70:24 & 38:5, 94:5, 94:15, & \[
33: 15,49: 19,52: 24,
\] \\
\hline kid [1] - 62:11 & legs [1] - 78: & LRB [1] - 111: & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { 95:7, 95:17, 96:4, } \\
& 96: 14,99: 13,99: 21,
\end{aligned}
\]} & 54:3, 55:20, 57:7, \\
\hline kids [4]-51:1, 52:15, & length [1] - 4 & LTD \({ }_{[1]}-2: 13\) & & \multirow[t]{2}{*}{59:14, 64:8, 64:16,
64:17, 66:1, 87:11,} \\
\hline 52:18, 60:1 & lengthy [1] - 43:2 & & \[
\begin{aligned}
& \text { 96:14, 99:13, 99:21, } \\
& \text { 100:9, 100:17, }
\end{aligned}
\] & \\
\hline kind [10]-23:18, & less [2]-57:17, 5 & lucky & \multirow[t]{2}{*}{101:2, 103:6,
104:15, 105:2} & \begin{tabular}{l}
64:17, 66:1, 87:11, \\
87:16, 89:3, 89:17,
\end{tabular} \\
\hline 23:21, 44:14, 44 & letter [4]-74:11, & LUND \({ }_{[1]}-2: 1\) & & 90:10, 91:2, 92:3 \\
\hline 50:22, 51:2, 54:23, & 74:17, 107:18, 108:1 & lung [3]-31:23, 62 & \(104: 15,105: 20\)
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\hline 54:24, 57:10, 91:15 & letters [1] - 107:10 & lungs [1] - 27:18 & \multirow[t]{2}{*}{115:23, 117:5} & \multirow[t]{2}{*}{83:9, 87:17} \\
\hline kinds [1]-55:23
knows [3]-58:20, & License [1] - 119:18 & Lutheran [8] - 47:2 & & \\
\hline knows [3]-58:20,
64:11 & \[
\begin{aligned}
& \text { lieutenant's }[2]-25: 8 \text {, } \\
& 25: 9
\end{aligned}
\] & \[
\begin{aligned}
& 48: 12,48: 24,49: 15, \\
& 49: 18,51: 20,52: 1,
\end{aligned}
\] & MARTIN [40] - 2:7,
\[
3: 11,7: 9,7: 17,8: 12,
\] & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { meant }[2]-109: 12, \\
& \text { 109:13 }
\end{aligned}
\]} \\
\hline & life & lying [1] - 79:20 & 10:20, 11:15, 12:13, & \\
\hline Laborer's [1] - 112:8 & \multirow[t]{2}{*}{\begin{tabular}{l}
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78:20 \\
likely [8]-30:24, 31:4,
\end{tabular}} & \multirow[t]{2}{*}{} & \multirow[t]{3}{*}{\begin{tabular}{l}
15:3, 36:1, 36:10, \\
37:8, 38:6, 66:20, \\
67:1, 94:2, 94:16,
\end{tabular}} & 30:7, 62:21, 70:7, \\
\hline Laborers [1] - 111:24 & & & & 72:24, 73:16, 73:22, \\
\hline laborers [1] - 112:17 & \multirow[t]{2}{*}{\[
\begin{gathered}
\text { likely }[8]-30: 24,31: 4, \\
31: 15,32: 11,32: 14, \\
77: 22,77: 24,80: 5
\end{gathered}
\]} & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { M.D }[3]-2: 18,28: 23, \\
& 72: 8
\end{aligned}
\]} & & \multirow[t]{2}{*}{\[
\begin{aligned}
& 77: 23,80: 11,81: 12, \\
& 81: 15,83: 20,84: 2, \\
& 84: 7,86: 13,91: 12
\end{aligned}
\]} \\
\hline borious [1] - 81:23 & & & 67:1, 94:2, 94:16, 95:4, 95:18, 96:1, 96:15, 99:22, 100:7, & \\
\hline & \multirow[t]{3}{*}{\begin{tabular}{l}
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limp [1] - 69:20 \\
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\end{tabular}} & machine [8] - 56:14, & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { 100:18, 103:7, } \\
& \text { 103:16. 104:16. }
\end{aligned}
\]} & \multirow[t]{2}{*}{\[
\begin{gathered}
\text { Medical }[5]-30: 12, \\
46: 5,46: 11,62: 1
\end{gathered}
\]} \\
\hline \[
112: 6,112: 9
\] & & \[
\begin{aligned}
& 56: 16,56: 20,57: 1 \\
& 59: 9,60: 7,64: 3,
\end{aligned}
\] & & \\
\hline last [12]-18:12, & & 59:9, 60:7, 64:3,
87:11 & 105:21, 108:23, & \multirow[t]{2}{*}{medically \([1]\) - 92:3 medication [2]-} \\
\hline 26:18, 32:17, 55:17 & & Maggie [1] - 42 & \multirow[t]{2}{*}{10:3, 110:14
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\hline 57:3, 57:4, 66:20, & lis & mail [2] - 38:17, 97:7 & & \[
55: 23,74: 24
\] \\
\hline 66:22, 66:23, & \[
\begin{aligned}
& \text { list }[8]-6: 10,25: 8 \text {, } \\
& 25: 9,27: 24,109
\end{aligned}
\] & main [2] - 52:6, 54:23 & ARY [2] - 2:11, 2:1 & \multirow[t]{3}{*}{\begin{tabular}{l}
medications [2] -
\[
27: 11,71: 9
\] \\
meds [1] - 53:4
\end{tabular}} \\
\hline 3:20, 110:19 & 109:13, 109 & majority [1] - 61:24 & MARY [2]-2:11, 2:13 & \\
\hline 111:4 & listed [1] - 14:15 & Malcolm [1] - 42:4 & MaShawn [1] - 5:24 mask [4]-59:12, & \\
\hline lasted [1]-75:9 & literally [3] - 44:22 & malfunction \({ }_{[1]}\) - & mask [4]-59:12,
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118:5} \\
\hline lastly \({ }_{[1]}\) - 98:13 & 47:5, 53:15 & 84 & \multirow[b]{2}{*}{ATTER[1]-1:7} & \\
\hline law [3]-53:14, 108:10 & literature [1] - 80:22 & maligning [1] - 91:6 & & meeting [22]-1:11, \\
\hline \[
\begin{gathered}
\text { Law }[4]-37: 15,37: 17 \text {, } \\
37: 18,38: 14
\end{gathered}
\] & litigation [1]-116:15 & malingering [1] - 91:5 & matter [10]-1:12, & \[
4: 8,5: 7,6: 21,6: 24,
\] \\
\hline lay [3]-60:15, \(80: 6\) & live [1] - 43:10 & \(\boldsymbol{m a n}[1]\) - 59:2 & \begin{tabular}{l}
3:20, 6:9, 15:20, \\
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\end{tabular} & \multirow[t]{2}{*}{1, 24:5, 101:5,} \\
\hline 81:6 & liv & & \[
97: 20,99: 10,116: 10
\] & \\
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\hline 18:24, 28:1, 43:20 & & 01:2 & \multirow[t]{2}{*}{\[
\begin{aligned}
& \text { Mayo [71] - } 23: 8, \\
& 23: 10,23: 11,23: 13,
\end{aligned}
\]} & 13:11, 113:17, \\
\hline 45:2, 71:2 & \multirow[t]{2}{*}{locally [5] - \(23: 7\),
\(33: 16,34: 1,51: 5\),} & \multirow[b]{2}{*}{} & & \multirow[t]{2}{*}{13:18, 113:2} \\
\hline lead [4]-23:21, 34:17, & & & \[
\begin{aligned}
& 23: 10,23: 11,23: 13, \\
& 23: 22,24: 2,24: 22,
\end{aligned}
\] & \\
\hline 42:3, 92:6 & \multirow[t]{2}{*}{52:2} & \begin{tabular}{l}
manpower [1] - 56:10 \\
March \({ }_{[1]}\) - \(41 \cdot 9\)
\end{tabular} & 5:3, 25:15, 33:10 & Meetings [3]-4:1, 94:1, 116:14 \\
\hline leading [1] - 90:8 & & ARCONI [25] & & \\
\hline
\end{tabular}
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\hline MELISSA [1] - 2:8 & 105:16, 105:19, & minimum [1]-68:20 & Motion [25] - 7:23, & 114:8, 115:4, 115:9 \\
\hline member [5] - 5:5, 5:7, & \[
\begin{aligned}
& \text { 105:21, 105:23, } \\
& \text { 106:2, 107:19, }
\end{aligned}
\] & Minimum [2]-7:24, & 8:18, 9:13, 10:7, & MRA [1] - 76:18 \\
\hline 5:24, 12:3, \(96: 23\)
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\begin{aligned}
& \text { 106:2, 107:19, } \\
& \text { 108:7, 108:12, }
\end{aligned}
\] & 8:2
Minn & \[
\begin{aligned}
& \text { 11:2, 11:21, 12:19, } \\
& 13: 15,14: 11,15: 9,
\end{aligned}
\] & \[
\begin{aligned}
& \text { MRI }[3]-76: 6,76: 8, \\
& 76: 17
\end{aligned}
\] \\
\hline 3:7, 3:9, 3:11, 3:15, & 108:16, 108:18, & 33:17 & 36:14, 37:12, 38:10, & MRSA \({ }_{[1]}-111: 10\) \\
\hline 6:18, 7:9, 7:13, 7:15, & 108:21, 108:23 & Minnesota [1]-23:8 & 94:20, 95:22, 100:2, & MS [25] - 2:13, 3:4, \\
\hline \[
\begin{aligned}
& 7: 17,7: 19,7: 21, \\
& 7: 24,8: 4,8: 8,8:
\end{aligned}
\] & \[
\begin{aligned}
& \text { 109:1, 109:4, } \\
& \text { 109:20, 110:3, }
\end{aligned}
\] & minute [1]-80:19
minutes [6]-6:24 & \[
\begin{aligned}
& \text { 100:22, 103:11, } \\
& \text { 104:20, 106:1, }
\end{aligned}
\] & \[
\begin{aligned}
& 3: 6,3: 8,3: 10,3: 12, \\
& 3: 14,3: 16,15: 13,
\end{aligned}
\] \\
\hline 8:12, 8:14, 8:16, & 110:7, 110:9, & 7:4, 7:7, 58:23, & 109:3, 110:18, & \[
15: 23,16: 3,38: 12,
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\hline 11:11, 11:13, 11:15, & 116:16, 116:18 & 52:14, 60 & 114:3, 114:12, & 23:18, \(34: 4\) \\
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\hline 12:5, 12:9, 12:11, & \[
\begin{aligned}
& \text { 117:4, 117:6, 117:8, } \\
& 117: 15,117: 19
\end{aligned}
\] & Monday [2]-26:20, & moved [1] - 109:17 & 68:14, 75:20, 78:15, \\
\hline \[
\begin{aligned}
& 12: 13,12: 15,12: 1 \\
& 12: 20,13: 1,13: 5
\end{aligned}
\] & Member [14]-8:3 & 114:19 & \[
\begin{gathered}
\text { movem } \\
69: 13
\end{gathered}
\] & 112:13, 114:9 \\
\hline \[
\begin{aligned}
& \text { 13:7, 13:9, 13:11, } \\
& \text { 13:13, 13:16, 13:2 }
\end{aligned}
\] & \[
\begin{aligned}
& 8: 22,9: 15,10: 10, \\
& \text { 10:11, 11:5, 11:6, }
\end{aligned}
\] & \[
98: 17
\] & \[
\begin{aligned}
& \text { movements [1] - } \\
& 79: 15
\end{aligned}
\] & Municipal [2] -
112:16, 113:9 \\
\hline 14:1, 14:3, 14:5,
\[
14: 7,14: 9,14: 12
\] & \[
\begin{aligned}
& \text { 12:1, 12:24, 14:16, } \\
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\end{aligned}
\] & monitor [6]-58:12,
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\] & Members [2] - 98:9 & 77:7, 77:9 & 8:19, 11:3, 14:12, & : \\
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9: 20,10: 14,10: 15,
\] \\
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\hline 36:1, 36:6, 36:8, & members [3] - 4:9, & 103:19 & Moving [1] - 11:24 & , \(8,13: 3,13: 4\), \\
\hline 36:10, 36:12, 36:15, & 6:11, 12:21 & months [3] - 4:20 & MR [90]-2:14, 4:15, & 13:22, 13:24, 14:21, \\
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\hline 37:4, 37:6, 37:8, & mental [1] - 92:5 & morning [2]-6:9, & 15:15, 16:5, 16:11, & 36:5, 36:24, 37:1, \\
\hline 37:10, 37:13, 37:20, & mention [1] - 93:14 & 44:21 & 16:13, 16:20, 16:23, & 37:22, 37:23, 42:4, \\
\hline 37:24, 38:2, 38:4, & mentioned [3] - 67:9, & most [7]-48:18 & 17:1, 17:2, 17:10, & 94:6, 95:6, 95:8 \\
\hline \[
\begin{aligned}
& 38: 6,38: 8,38: 21, \\
& 66: 11,66: 15,66: 20,
\end{aligned}
\] & \(77: 4,81: 18\)
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17:13, 17:14, 17:19, \\
17:21, 18:2, 25:21,
\end{tabular} & \[
96: 3,96: 5,99: 13,
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99:14, 100:9, \\
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\begin{aligned}
& \text { 99:14, 100:9, } \\
& \text { 100:10, 102:22, }
\end{aligned}
\] \\
\hline 94:7, 94:9, 94:12, & \[
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\hline 95:1, 95:4, 95:9, & 72:15 & \[
\begin{aligned}
& \text { motion }[56]-7: 3, \\
& 7: 10,8: 1,8: 5,8: 21,
\end{aligned}
\] & \[
35: 13,35: 15,35: 16,
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