JUAN VILLALOBOS - October 4, 2011 Cross-Examination by Mr. Barrow

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       0.
            And did you do anything else involving this
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   case other than those things we've just talked about?
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       Α.
            No, sir.
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                  MR. BARROW: Pass the witness.
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                  MR. BALDASSANO: No further questions,
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   Judge.
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                  THE COURT: Okay. Let's take a two-minute
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   recess.
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                  Court's in recess for two minutes.
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                  (Brief recess)
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                  (Jury enters courtroom)
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                  THE COURT: Please be seated.
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                  Okay. You may proceed.
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                          NORMAN HICKS,
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   having been first duly sworn, testified as follows:
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                       DIRECT EXAMINATION
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   BY MR. BALDASSANO:
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       Q.
            Please state your name for the jury.
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            Norman Hicks.
       A.
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       Q.
            And how are you employed?
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            I'm an arson investigator for the City of
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   Houston, City Fire Department.
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       0.
            And how long have you been on the fire
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   department?
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       A. Over twenty years.
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- Q. And how long with the Arson Division?
- 2 A. Over eight years.

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- Q. And can you tell us just briefly what your function there is at the Arson Bureau?
 - A. My main job is to do origin and cause on fires.
- Q. All right. And so, that is to find out where a fire started and how it started?
 - A. Yes, sir.
- Q. All right. And to do this, what type of possible calls are there when you go to a fire? What are the possibilities?
- 12 A. Well, there is accidental, there is incendiary,13 undetermined, pending or natural.
 - Q. All right. I'm going to call your attention back to October the 19th of 2007. And did you have an occasion to get called out to the 7200 block of Rampart Street here in Harris County, Texas?
- 18 A. Yes, sir.
 - Q. And about what time were you called, and about what time did you go out there?
- A. I received a call a little after 4:00 a.m., and we got there before 5:00 a.m., I believe.
 - Q. And do you go out to every fire?
- A. Not every fire, no, sir.
- Q. And who called you out to this fire?

- A. It was the district chief.
- Q. And when you got to the fire scene, what's the first thing you saw out there?
- A. There was a lot of fire trucks parked on the main street out in front of the warehouses, and we couldn't really get into the scene. We had to park a little ways away and walk up.
- Q. And were you working with any other fire investigators?
 - A. Yes, sir.

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- Q. And who was that?
- A. Juan Villalobos. He went to the hospital on this call. And I had Senior Investigator Michelle McLeod, who was the on-scene officer/investigator, Greg Chappa with the Accelerant Canine and Matt Milam, the arson photographer.
- Q. And the Senior Investigator Michelle McLeod, how long has she worked at the Arson Bureau?
- A. She's been there approximately the same time I have.
 - Q. All right. And is she a supervisor to you?
 - A. Yes, sir. She was my supervisor at the time.
 - Q. All right. And what does she do at the scene?
- A. Basically, she's there to oversee our operations, make sure we're looking in the right areas,

that we're doing everything that we need to do for collecting of evidence and finding witnesses and that kind of thing, and also to assist us with those.

- Q. Okay. And when you arrived at the scene, you see all the fire trucks, what's the first thing you do to sort of proceed with your investigation?
- A. First thing we normally do is to go, first of all, find the incident commander and let him know we're on the scene so he can account for us, and also to get his reason for calling us for the investigation.
- Q. And is that the District Chief Schileter that testified yesterday?
 - A. Yes, sir.

- Q. And did you then talk to him?
- 15 A. Yes, sir, I did.
 - Q. All right. After speaking with the chief, what's the next thing you did?
 - A. From there we start basically looking around the scene to see the size of the scene, first of all, and any possible witnesses that might be in the area.
 - Q. All right. And did you find any possible witnesses in the area?
 - A. Yes, sir. They directed me to two people that supposedly were occupying the building at the time.
 - Q. All right. And do you know the names of those

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- A. I believe that was the -- they both had the same name of Garcia, I believe. I have to look and see what their first names were.
 - Q. Their last names were Garcia?
- A. Yes, sir, I believe so. The names that he gave me were Juan Garcia and Alberto Garcia.
- Q. Okay. All right. And did you just interview them at the scene, or did you bring them back to the fire station, or how do you proceed?
 - A. We interviewed them there at the scene.
- Q. And do they give like a written statement, or do they just tell you and you copy it down?
- A. At the scene we just get a verbal indication of what they saw, what they heard or what happened.
- Q. Okay. So Juan and Alberto Garcia. And they give a verbal statement to you?
- 18 A. Yes, sir.
 - Q. And then do you kind of copy down that statement?
- 21 A. Yes, sir.
 - Q. All right. And do you -- and does anybody end up that night taking them back anywhere to interview them, like with an audio-taped statement?
- 25 A. No, sir.

- Q. And how about Juan Del Sid? Do you remember interviewing him or any of the people that lived there, Ignacio or Alvaro?
- A. The two people that -- again, that said they lived there in the building gave me the name of Juan Garcia and Alberto Garcia. Those were the names that I was given. I didn't interview any other occupants at the time.
- Q. And did you know that there were people living in the place at the time of the fire at that point?
- A. Yes, sir, when they told me they were living there.
 - Q. Other than those two guys?
- A. They told me there were also two other gentlemen that were living in that same unit with them.
 - Q. Okay. And did you interview those two?
- 17 A. No, sir.

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- Q. Were they at the scene still?
- 19 A. I did not see them.
- Q. And other than the two guys you mentioned, did you interview anybody else at the scene that night?
 - A. Yes, sir. I interviewed a few other people, actually, the owners of the shops that came to the location later after the fire.
- Q. And what were their names?

- A. We spoke with -- let's see -- it was -- it's kind of hard -- the name -- one gentleman was named Sonny -- I believe the pronunciation is Hack, is what he gave me his last name. Spoke to him. He was a business owner of 7209 Rampart. And spoke to Alfredo Mendoza and Efrain Mendoza. And let's see. And then we spoke with Mr. Bocan (phonetic), I believe is how he pronounced it.
- Q. And did you speak to all those people at the scene?
- A. Not all of them were there. I spoke to, also, Mr. Mooda (phonetic), and I spoke to him over the phone.
- Q. All right, sir. So any of the people that you mentioned, did you bring any of these people back to the Houston Arson Bureau and take statements from them?
- 15 A. No, sir.

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- 16 Q. And do you do that in some cases?
- 17 A. In some cases we do.
 - Q. Do you sometimes take a formal written statement from a person?
 - A. Yes, sir.
- Q. And they type it out and swear to it or write it out and swear to it?
 - A. Yes, sir.
- Q. Okay. And do you ever take an audio-taped statement where you just talk to somebody with a tape

1 recorder on?

- A. Yes, sir.
- 3 Q. Is that fairly common?
 - A. Yes, sir.
 - Q. So at least back then, your initial interviews at the scene, nobody was sent back out of the group that you mentioned to go have a formal interview?
 - A. No, sir.
 - Q. What is the formal interview for? What do you use that for? Why do you do that?
 - A. Usually we make a determination as to, I guess, what their involvement with the situation is. And we determine at that point if we need a written statement right that moment or if it can wait for follow-up, to go back and do that. If it's pertinent, like if they were actually on the scene when it occurred or actually saw the fire start, we'll normally get a written statement from them.
 - Q. Okay. And that's done by the follow-up crew; is that right?
 - A. Unless I have them there and I need to do it right then. Like I said, it depends on what their involvement was at the time.
 - Q. So some people, you could send them straight back that night?

A. Yes, sir.

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- Q. And just get an arson investigator, say, take that guy back to our building and take a statement?
 - A. Yes, sir.
- Q. Nothing -- nobody there that you felt that you wanted to do that with then?
 - A. No, sir.
- Q. All right. So after statements -- or, I guess, what do you do after talking to people? How do you proceed with your investigation?
- A. From there we start looking at fire patterns, start trying to narrow down exactly an area of origin. Then once we determine an area of origin, we start trying to determine a cause of origin. We are basically trying to rule out several indications of accidental or natural cause.
- Q. In this case, were you able to rule out any accidental causes?
- A. Yes, sir. I didn't see any indication of an accidental cause.
- Q. And did you come to a determination that night where the fire started? Did you find an origin?
- A. Yes, sir. We determined the origin to be in the passenger area of the van next to the building.
- Q. Okay. And how about the cause of the fire?

Did you figure that out?

- A. Well, we had an idea; but I left the cause pending, because we still had other witnesses to interview and some other things to do. But the cause was left pending that night.
- Q. Okay. And you mentioned a hydrocarbon dog, I think you said?
 - A. Yes, sir.
 - Q. Tell the jurors what that is.
- A. The canine is actually trained to detect accelerants, or your normal, typical accelerants such as gasoline, lighter fluid, something like that that we can't even -- if we can't detect it with our sense of smell, they can sense that. And that kind of leads us to areas where to look for samples and stuff like that.
- Q. Okay. So when you say samples, is that something that you're going to pick up a can and bring to a lab to see if there is any kind of liquid in there that might have been used to start the fire?
 - A. Yes, sir. It could be, yes, sir.
- Q. And so, were you able to let the dog run around this scene and sniff around to see if that dog could alert to any kind of hydrocarbon?
 - A. No, sir, he did not.
- 25 Q. Did the dog actually get released to look at

1 the scene?

- A. No, sir.
- Q. And how come?
- A. That determination is made by the handler. He determines whether or not the scene is safe or if he's okay with letting the dog get in there. Because some of these conditions are hazardous, and he has to make that determination.
- Q. And who was that?
 - A. That would be Investigator Greg Chappa.
 - Q. And was the -- was the canine released?
- 12 A. No, sir.
 - Q. All right. And so when it comes to picking up samples, if the canine is not used to help identify where a sample is, how do you know, you know, what to pick up and where to scoop it up?
 - A. Well, basically, just through training and experience, reading the fire patterns, try to narrow down our area of origin as small as possible. And then again, trying to get the areas where there might be -- if there was an accelerant, there might be some left where it might have been salvaged from the fire.
 - Q. Is it easier if a canine alerts to the area to try to figure it out yourself?
- 25 A. Yes, sir.

- Q. Has it ever come to pass where you try to -you know, you collect where you think the fire started and the accelerant is not there?
 - A. Yes, sir.

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- Q. What could cause that?
- A. Could be that the firefighting activities may have washed it away. Could be it was totally consumed or evaporated. Could be any number of reasons why that particular sample didn't come back positive.
 - Q. Could be no accelerant, too?
- 11 A. Could be no accelerant, yes, sir.
- 12 Q. So did you collect samples?
- 13 A. Yes, sir.
- Q. And do you -- did you put the samples into evidence or have them put into evidence?
- 16 A. Yes, sir.
 - Q. And do you know what the results from the lab of those samples were?
 - A. I believe they came back negative.
- Q. Okay. So at least for hydrocarbons or things
 that might have been used to start the fire, the lab was
 negative?
 - A. Yes, sir.
- Q. And I think you explained this, I think, four reasons why that could be?

A. Yes, sir.

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- Q. And when you say firefighting activity, is that just the firemen fighting the scene of the fire with a big hose?
 - A. Yes, sir. The high pressure hose could wash it away, or something like that.
 - Q. And I think you mentioned it could all burn up?
 - A. Yes, sir, it could have all been consumed.

MR. BALDASSANO: May I approach the witness, Judge?

THE COURT: You may.

- Q. (By Mr. Baldassano) I'm going to show you what's been labeled State's Exhibit No. 22 and ask you if you've seen this disk before, which contains multiple sets of photographs?
- 16 A. Yes, sir.
 - Q. Are these the photographs that were taken by the Houston Arson Bureau out at the scene or at the hospital in relation to this case?
- 20 A. Yes, sir.
- Q. Have you looked through these?
- 22 A. Yes, sir.
- Q. I'm going to show you State's Exhibit No. 23and ask you if you recognize this disk?
- 25 A. Yes, sir.

- And is this the disk that you helped prepare 0. for trial that used the pictures that were in State's Exhibit No. 22? Α. Yes, sir.
- Okay. And then the last thing I'm going to 0. show you is State's Exhibit No. 24, which is a diagram. And does this diagram accurately depict the layout of the scene over at Rampart on the day of the fire when you went out there?
- Α. Yes, sir.

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- And would these photographs and these diagrams Q. help the jury understand your testimony?
- 13 Α. Yes, sir.
 - MR. BALDASSANO: Judge, at this time we'd offer State's 22, State's Exhibit 23 and State's Exhibit 24, tender to defense counsel for inspection.
- 17 MR. BARROW: I have no objection, Your 18 Honor.
- THE COURT: Okay. State's 22, 23 and 24 20 are admitted.
- 21 You may publish.
- 22 MR. BALDASSANO: Thank you, Judge.
- 23 (By Mr. Baldassano) And I'm going to put in 24 State's Exhibit No. 23. And can you tell the jurors --25 and this is the PowerPoint -- just kind of a rough idea

of what we're going to be looking at with this PowerPoint?

- A. Basically, these are photos of the fire scene kind of depicting what we saw and how we narrowed down our area of origin from the fire patterns.
- Q. Okay. Is this the unique case number that applies to this case?
 - A. Yes, sir.

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- Q. And what are we looking at here? And if you could -- you have that pointer, and I'm not sure how well you can see it. But maybe if I tilt it a little bit toward you, can you get on that pointer and -- if you need to step down, feel free. Maybe if you could stand here, it might be the best place.
- MR. BARROW: May I reposition myself, Your 16 Honor?
 - THE COURT: You may.
- MR. BARROW: Thank you.
- 19 Q. (By Mr. Baldassano) Okay. What are we looking 20 at there in the first picture?
 - A. That's a picture from the front of the building showing one of occupancies there, the church that was located in the building.
- Q. And if you could, point to State's 24 to show us where that is.

A. That's taken from right here.

- Q. And tell us what, if any, significance that has, what we're looking at here, to your fire investigation.
- A. Basically, you're here on this side of the building looking this direction with the sign here, and we don't see any indications of -- there is no flame damage, no smoke or anything that we can see on the exterior of the building at this point.
 - Q. Okay. And what are we looking at there?
- A. That's the inside of the building here in an assembly area with the pews and stuff like that and the door leading into the storage room in the back.
- Q. Now you can point your pointer to the screen. There up at the top, do you see any fire damage? Just point it there where --
- A. It's not showing up on the screen. But basically at the top where the smoke deposit is noted, that's where the smoke came through the door into the assembly area. And then just to the left of that where the wallpaper is torn and Sheetrock's damaged is where the firefighters pulled down the ceiling Sheetrock to look for an extension of the fire moving this way.
- Q. Okay. So how much fire damage was done inside that church room?

- A. In the assembly area, just basically what you see there, a little bit of smoke damage and the Sheetrock damage from the firefighters.
 - Q. What does that door lead to?
- A. That leads into the storage room here in the back.
 - Q. What are we looking at?
- A. That's a little bit different view coming in the door. You're looking at a little bit more of a angle here where the stage was, or the podium. And you can see again where the Sheetrock has been pulled in the corner.
 - Q. Same room?

- A. Same room, showing the combustibles are all still intact. There was no damage there.
- Q. Now if this room became involved in some fire, would you expect the pews and the newspapers, whatever paper is there, to kind of show some sign of that?
- A. Yes, sir. We would expect a lot more fire damage than what you see. This is basically depicting how the smoke came through that doorway. And, of course, heat rises. And it's up on the wall and the ceiling above the door.
- Q. Now is it typical for fire investigations to go
 from the area of less involved and go toward the more

1 involved area as you do your investigation? 2 Yes, sir. A . 3 Which wall is that? 0. 4 That's a -- moving over, that's the other 5 doorways over here as -- this doorway is out of view. 6 This is more of this southwest corner of that area. 7 Now some of these photos you did not take, 8 correct? 9 A. Correct. 10 You didn't actually physically take any of 11 them; but some weren't taken by Houston Arson at all, 12 were they? 13 Α. No, sir. 14 Did you come to look at these photos sometime Is that the same room? 15 later? 16 A . Yes, sir. Again, that's showing the room 17 leading in -- the doorway leading into the storage room. 18 At this point we're following the fire pattern to the 19 area of origin. 20 Q. Okay. So the arrow, in your opinion, is pointing to where the fire started? 21 22 Α. It's getting us closer to the area. It's 23 leading in that direction. This is a little bit closer 241 view of the doorway. You can see the heat and smoke

patterns actually on the door frame. It's kind of hard

to tell from the view, but the angle of the burn patterns indicate the heat damage was more on the storage side of the door than the assembly side of the door.

- Q. You were walking into the -- I take it the church and pews are at your back, and you're walking through the door to the storage area?
 - A. Yes, sir.

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- Q. Does that eventually go to the outside back area where those cars were?
 - A. Yes, sir.
 - Q. What are we looking at here?
- A. This is inside the storage room. This area here, you're basically looking at an angle across there, this way, looking at the back door to the structure.
- Q. Now these pictures -- and it says Pro Net.
 When did you first get involved looking at these pictures?
- A. I saw these pictures back in January of this year.
- Q. Okay. So back in 2007, in October when you were doing the examination, you weren't looking at these pictures?
 - A. Not this picture here, no, sir.
- Q. Okay. And not any of the pictures that say

photo by Pro Net?

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- A. No, sir.
- Q. So the other pictures that don't say that, are those the pictures you considered?
 - A. Yes, sir.
 - Q. What are we looking at here?
- A. Basically looking at, as you can see, a lot lower line of where the smoke and heat damage was much lower in the room. You can also see the burn patterns above the door where the heat was a lot more intense coming through the door there than what it was on the other side of the room, the first door we came in.
- Q. And if you could for the -- just to review it again, what door are we looking at on the diagram?
- A. You would be standing right here, looking at this door here.
- Q. Okay. So right outside that door, that's where the cars were?
 - A. Yes, sir.
- Q. Okay. And when you say a line of demarcation, what do you mean? What does that say?
 - A. That's a visible line where you can visibly see how far down the smoke was and/or where a heat pattern was. As you can see, it was banked down within a foot or two of the floor in this area.

- Q. And when you were out there that night, was this room filled with stuff?
- A. Yes, sir. There was a lot more debris in the room.
- Q. Somebody cleared the way and then took the picture?
 - A. Yes, sir.

- Q. Can you -- from looking at that picture, is there any indication to you whether or not that door was open or closed during the fire?
- A. It does look like the door was closed. As you can see, the demarcation line of the heat inside the room is much lower than the line at the door frame itself, showing where it was pushing through the door, coming in the building.
- Q. So if we were looking at this thing on fire, would we see at the circle on top, like smoke and hot air, coming through that crack?
- A. Well, you wouldn't be able to see it; because the smoke would probably be too dense, but yes, sir, that's where you would see -- if you were looking at it through a thermal imager, you would see the most heat at the top of the door.
- Q. What would you expect to see as an aftermath if the door was open during the fire; that is, if somebody

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- A. If the door was open or if the fire started in this area, I would be looking at not having the ceiling joist intact. Those would be probably consumed.
 - Q. Is that the wood on top?
- A. Yes, sir. That's the wood at the top that you see. Then the Sheetrock on the wall to the left would have been calcinated and probably started coming off the walls.
- Q. So if the door was open, you would expect more fire damage in that room?
 - A. Yes, sir.
 - Q. What are we looking at here?
- A. That's the picture of the same doorway the night of the fire. As you can see, there is a lot of debris and stuff on the floor that was there in front of the door and the arrow indicating -- showing the heat, how the heat traveled inward through the doorway.
- Q. Okay. And you put that arrow there to depict this?
- 21 A. Yes, sir.
- Q. All right. And right. There at the arrow outside the door, what exactly is that? Were those cars?
- 25 A. Yes, sir. That's the van.

- Q. Okay. Let me go back just one step here. Is there anything about this picture that indicates whether or not the door was open or closed during the fire?
- A. Again, it's the same heat movement patterns. If you look at the door frame, you could see that the heat damage to the door frame was actually much lower and it comes across as an angle. And you can see the angle up the door and side of the wall, indicating the heat was more intense and lower on the outside of the door and came in.
 - Q. What are we looking at here?
- A. Same heat and movement patterns coming across the breaker panel there, showing the external heat to the breaker panel itself.
 - Q. What is a breaker panel?
- A. That's where the breakers for the electricity for the building for this occupancy were located.
- Q. When you say a breaker, are you talking about like the fuses or like the box from where you turn your electricity off?
- 21 A. Yes, sir. It's where the circuitry is for that 22 unit.
 - Q. Do you sometimes see that as the cause of a fire?
- 25 A. Yes, sir.

- Q. When you see that as a cause of a fire, how differently would it look than it looks in this photo?
- A. The ones that I've seen, in my experience, have more damage on the inside. And you can tell the difference from the heating of the metal. The metal will be heated from the inside out and not from the outside in. And you'll see a different line of demarcation, usually on the inside where the breakers are located themselves. You'll see much more heat damage inside there inside the door of the panel.
 - Q. Okay. And was that fairly easy to eliminate this as the cause of the fire?
- A. Yes, sir.

- Q. What does that line show?
- A. That shows the line of the heat, the demarcation of the heat as it came through the doorway, and then as it rows up to the top of the ceiling level there in the room.
 - O. What's this?
- A. That's the inside of the breaker panel. You can kind of still see the angulated line of the heat pattern with the door to the right there, how the heat traveled up at an angle across the panel.
- Q. What room are we looking at here, if you could point to the diagram?

A. That's the same room; but now you're looking at it from the doorway, this direction back towards the assembly area in the church.

- Q. And what -- any significance in this room?
- A. The significant thing here is, as you can see, although there is a lot of debris and contents here, the further away you go from the doorway, the less damage there is to the contents. You can see a lot of plastics, paper, stuff like that that's still intact, indicating that the heat was much closer to the door than it is to the door going into the assembly area, that it traveled across the room from the outside door to the inside door.
 - Q. Okay. Okay. This is an after-the-fact photo?
 - A. Yes, sir. This is after the debris was cleared away, and that's the doorway leading into the assembly area of the church.
 - Q. What, if any, significance is -- let me back up. That door, what does that door tell you?
- A. Looking at the line of demarcation, you can see how the smoke and heat was pushing through the edges of the door, trying to get around the door and into the area of the assembly room.
- Q. And can you -- does that look like the door was open or closed?

A. From there it looks like it was more likely closed. The line of demarcation on that side of the door is much higher than the line of demarcation inside the room here. Again, you can see the movement pattern coming from the edge of the door, going around the door and into the assembly area.

- Q. Just for -- again, to recap, if you look at State's 24, what two doors are you talking about that seem to you, based on the fire patterns, to have been closed?
- A. This door here and this door here, the exterior door and interior door to the storage room.
- Q. Okay. Anything of significance there with those arrows?
- A. Again, showing the difference in the height of demarcation of the heat and smoke patterns, indicating it's more higher on the clean side of the door, or the closed side of the door, showing that it was closed at the time of the fire.
- Q. So if the door was open like it is in the picture, would it just look like one continuous line from the door to the ground?
- A. Right. You may see a little bit of a rise going into the other room, but it's going to be much more consistent with what's in the storage room.

- Q. What are we looking at here?
- A. This is the door closed. This is the backside of the door. As you can see, the line of demarcation matches up with that on the walls, indicating that the door was shut at the time.
 - Q. And again, which door is this?
- A. That's this door leading into the assembly area from the storage room. Again, just a wider angle of the lines of demarcation of the storage room.
 - Q. Same door?
 - A. Yes, sir.

- Q. Okay. What is significant about the ceiling joists?
- A. That's another picture of the storage room showing that the wooden ceiling joists were undamaged. The Sheetrock was intact, so there was no fire damage to the ceiling level or above the ceiling level of this room. These are ceiling joists. And as you can see, even the ones in close proximity where the door was, the heat was able to be contained by the Sheetrock, allowing it to protect those ceiling joists.
- Q. Was there any indication to you whatsoever that the building was intentionally caught on fire or the fire started in the building?
- A. No, sir, no indications that it started inside

the building.

- Q. What are we looking at here?
- A. This is another, just showing the condition of the ceiling joists and the other items in the attic area. You can see the wiring, the duct work and stuff that survived the fire were undamaged.
- Q. And talking about the attic area, is there any breaks between these units, or do you have -- do you know whether there is a continuous flow of air that you could walk from the attic in one unit and walk across the entire building?
- A. I didn't look in all the attic space. But in some of the units, you can tell this one here, that Sheetrock wall goes up to the roof deck. That would be your fire barrier between that occupancy and the next.
- Q. Would that prevent fire, as well as smoke, from going through that area?
 - A. Yes, sir. That's why it's installed.
- Q. This is the outside of this back door. Are you now at the cars, looking in?
- A. Yes, sir. We're here looking across the front of the van, looking at the doorway. You can see the heat damage to the cinder block wall and to the door frame. The paint has been burned away, and there is heavy oxidation to this side of the door frame. And

like I said, you can see the clean burn, burned paint and stuff off the bricks in that area.

- Q. All right. What are we looking at here?
- A. This was the metal door that was in that doorway, and it was removed by firefighters.
- Q. And what, if anything, is significant about the door?
- A. As you can see, that's where the firefighters had to force entry. And the lock is still there, and the locking mechanism was still in the locked position.
- Q. And again, what door are we looking at on the diagram?
 - A. That's the rear door of the storage room.
- Q. Okay. And that's the position that it was found?
- 16 A. Yes, sir. That's the position where I found 17 it.
- Q. Okay. Did you have any indication whatsoever that that door was either, A, unlocked, or, B, open during the fire?
- 21 A. No, sir.

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- Q. Was the evidence all the other way, that it was shut and locked?
- A. Yes, sir.
- Q. Okay. What are we looking at here?

- A. This is from the north end of the alleyway, looking down the alley in a southward direction with the involved car on the right-hand side there.
 - Q. Okay. Can you tell us what we're looking at?
- A. Yes, sir. As you can see, there is three vehicles across with the Sienna minivan being up in front of those three vehicles.
- Q. What's the, I guess, looks like moisture on the ground behind the cars?
- A. Yes, sir. That's the water from the firefighting activity.
- Q. Okay. And you have a line there that there is none of the backs of the cars look like they were impinged by the fire; is that accurate?
 - A. Yes, sir.

- Q. Okay. What are we looking at here?
- A. Again, we're following the fire patterns with the damage to get back to our area of origin. As you can see, the cars that are further away, the Camaro and Jeep Cherokee, sustained less damage; and the damage they had was in close proximity to the Sienna van. Then your -- also, what you can tell is the center over here just to the left of the van has significant damage.

Also, looking at the burn patterns on the side of the van, you can see the heat patterns where the

fire came out of the door and along the outside of the passenger door here on this left-hand side of the van.

- Q. You can take your seat. And you can possibly use that screen, and I'm going to move this back in case we have to use it anymore. You could use that little pointer if you want to. Show where on State's 4 we're talking to. Also, on the screen, if you push it down you can mark on there.
 - A. Okay.

- Q. Okay. So the Sienna van, I think you spoke of, you're talking about some intense damage. What parts are you looking at there?
- A. I'm looking at this area coming around here across the outside of the passenger door on the left side. You can see the difference in the burn patterns on the outside of this door as compared to the rear of the vehicle. You have the same heat patterns on the outside of the driver's door.
- Q. And why does that look more intense than any other burned-out car?
- A. Basically, we see that when the door is open during the fire.
- Q. What are you seeing, though, that makes it look more intense to you?
- 25 A. Well, you can see the oxidation and the

deformity of the metal there. It's different than it is as you go to the back of the vehicle, indicating that it was in closer contact to more extreme heat.

- Q. So what we're seeing is brown and white.
- You're saying that brown is -- is that the oxidation?
 - A. Yes, sir.
 - Q. So just rust from the fire?
- 8 A. Yes, sir.

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- Q. And it looks like, then, the fire at that door is just maybe longer and hotter than the rest of the car that we're looking at?
- 12 A. That's correct.
 - Q. And what does that suggest? Does that give you any indicator?
- 15 A. Normally we see this when -- if -- like I said, 16 if the driver's door is open during the fire.
 - THE COURT: Excuse me, Counsel. Looking at the time, we're going to recess for lunch.
 - In an effort to finish up, we're going to take a shorter lunch break. So you'll have forty-five minutes. We're ordering in. And you guys please remember your admonitions from the Court. Do not discuss this case with anyone, not even among yourselves.
 - Court's in recess. We will resume

1 testimony at 1:00 o'clock. It's going to be longer than 2 forty-five minutes. 3 (Lunch recess) 4 (Jury enters courtroom) 5 THE COURT: All right. Thank you. Please 6 be seated. 7 Did you guys enjoy your lunch? Good. 8 You may proceed, Counsel. 9 (By Mr. Baldassano) We're up to this picture Q. 10 here. I think we had already gone through it, and you 11 had talked -- I think we left off about the door being 12 damaged, right, that middle door that you circled 13 before? 14 Yes, sir. A . 15 0. Okay. So now you have a note here saying, 16 looks like the Sienna van, the one that was mostly 17 damaged from what your prior testimony was, has a door 18 open. Can you tell us why you think the door -- well, 19 first of all, is that how the door was found when you 20 photographed it? 21 Yes, sir. That's how I found it. A . 22 Q. And do you have an opinion, based on the 23 damages, as to whether or not that door was opened or 24 closed during the fire, based on what you see? 25 The damage, as it presents itself here, Α.

indicates that the door was open.

Q. Why is that?

- A. Looking at the -- as I said -- the oxidation and the metal and stuff indicates where the fire was rolling out the door on the outside of this other passenger door.
- Q. Okay. Now looking at the door, if it was, say, closed during the fire, then would it be able to even be opened after a significant burn like this?
- A. My experience, I've never had one that was easily opened once it went through a fire like this.

 Usually all the parts are melted together, and they have to have the firefighters force it open.
- Q. Now can you tell from the condition of the door -- and I'm going to point your attention over to the door locks, I guess, over here -- can you tell after the fact, when you look at this vehicle, whether or not that door lock was damaged prior to the fire?
- A. Well, the lock itself where the key would go in and the door handle were missing. They were consumed by the fire, melted. And so, all I had to go by was the metal of the outside of the door, and there were no indication of tool marks or anything like that on the metal.
- Q. But how about the locks themselves? Could you

tell if anybody had punched a lock or anything like that?

- A. No, sir, you couldn't tell anything on the lock.
- Q. And could you tell if -- if looking at the Sienna van -- let me back up a second. When you go -- have you gone to car fires on few or many occasions?
 - A. Many.

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- Q. When you go to car fires, do you ever notice a situation where the car is stripped?
 - A. Yes, sir.
 - Q. Is that fairly common?
- 13 A. Yes, sir, it is.
 - Q. Okay. And what does that mean to you, stripped?
 - A. We use the term "stripped" to say that someone's taken some of the parts off the vehicle.
 - Q. Okay. Is that like the good stuff, like the radio and the rims, that kind of stuff?
 - A. Right. It could be whatever parts they want. Sometimes it's the interior seat. Sometimes it's the stereo system. Sometimes it's the rims, or maybe even motor and transmission, just whatever parts they want.
- Q. Is that fairly common in a burglary situation where somebody would get into a car and take the good

stuff out, like a radio?

A. Yes, sir.

- Q. Did you notice any of that in any of these cars where it looked like someone took out the radio or took the rims or anything like that?
- A. I didn't notice anything like that. As a matter of fact, I found the remains of the radio and stuff in the van.
- Q. And could you tell from looking at the door whether it was unlocked before the fire?
- A. The mechanism on the inside was damaged by the fire. There was no way of telling whether or not it was locked. It was just in the open position.
- Q. Okay. So is it safe to say from your examination you couldn't tell whether the door was -- the lock was either broken or the door was open at the time of the fire?
 - A. That's true. Just that it was open.
- Q. All right. Okay. Now explain what these arrows signify.
- A. These are showing the flow of the heat pattern away from this van. As you can see, the heat damage, as you go out, it gradually gets less and less all the way over to the other vehicles where they only show heat damage on the right side, basically showing how the heat

traveled from the passenger area of the van out to the other vehicle.

- Q. And what does that signify to you, as far as the origin of the fire?
- Basically, that our origin was in the passenger A . area of the van.
 - When you say the van, the Sienna van? Q.
 - A . Yes, sir, the Sienna van.
 - What does this show? Q.

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- Well, basically, we're looking in the alley, looking southward. And this is on the other side of the Sentra and showing the damage just to the west side of these vehicles, which was in closer proximity to the van where the fire originated.
- Okay. And let me call your attention to the 0. 16 left-hand area over here. And what does that show?
 - Much less heat damage. You can see the paint Α. and stuff is still intact. There is no oxidation in the metal or anything like that. Even the plastic lenses is undamaged.
 - Okay. Does that also confirm that the heat 0. came from the direction, at least, of the van?
 - Yes, sir. Α.
 - All right. And what are we looking at here? Q.
- 25 Basically, what we're looking at is the heat A .

that was from the van onto the cinder block wall. As you can tell, it's much greater here towards the front of the passenger area than the rear of the passenger area.

Also, that it's low on the brick. It's not just above the van; but it's equal to the height of the van where the windows and stuff were, where the fire rolled out of the van onto the wall.

- Q. Now that door was open. I think we talked about this earlier. Would smoke, I guess, go in faster than if the door was shut in this fire?
 - A. Yes, sir.

- Q. Is that true for the doors throughout this whole unit, that the doors were open and it would be more likely that smoke would go in?
- A. Yes, sir. If the doors were open, it would be much more likely smoke would go into the building.
 - Q. What were we looking at here?
- A. Again, the -- just the damage to the exposed vehicle on the driver's side where the door was open, and it extended more readily to that vehicle because of the door being open.
 - Q. Okay. Anything here indicate anything to you?
- A. Yes, sir. Again, the fire patterns, as you can see along -- at the doors rather than on the fender,

they're much greater here at the doors where the --

- Q. You can push on the screen. We'll know what you're pointing at.
- A. Okay. See how the fire damage is much greater in this area here, which coincided with the door being open here on the van. It's kind of hard to tell from this photo, but it was more in proximity to where the van was.
 - Q. Okay. Is that a picture of that?
- A. Yes, sir.

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- Q. Roughly, how much space was between the van and the door?
 - A. I want to say it was approximately three feet.
- Q. I think it was brought up earlier about the firefighters banging on the door. If this Sienna van was fully involved, would somebody be able to go through that door, in your opinion, based on what you're looking at?
- 19 A. Yes, sir. There was room to go in and out of 20 the door.
- Q. How about if this fire was going; that is, the van was fully consumed in fire?
 - A. No, sir, not unless you were wearing full protective clothing.
- Q. All right. What's significant in this picture?

A. Again, this is the back of the van just showing that, as you can tell, there is less damage even towards the rear of the van as the front of the passenger area.

You can see the damage is on the Camaro and the Cherokee and the Gallant only where they were in proximity to the van, so the fire didn't start over in those areas. It started in the van and moved that way.

- Q. Tell us about the Camaro.
- A. The Camaro was the second row over from the van.
- Q. If you could point over on this diagram, 4, use your little pointer there that's near you. Point out which one is the Camaro.
- A. The Camaro is going to be this one here, I believe. And it's going to be -- this is the van and the Gallant and the Cherokee and the Camaro.
- Q. Okay. And does the Camaro look like, at least the damage we're seeing in it, that it came from the minivan, or the van?
 - A. Yes, sir.

- Q. Okay. What did you do regarding the Camaro? First of all, do you remember if it was locked or unlocked?
- 24 A. I checked both doors. They were locked at the 25 time.

- Q. Could you see in the Camaro?
- A. No, sir. The windows were so dark on there, I could not see into the car.
- Q. Why didn't you just, you know, get someone to break into the Camaro?
- A. Well, to be honest with you, the vehicle was not on fire any longer. And since it didn't -- wasn't my area of origin, I didn't want to cause any more damage to the vehicle. I would have had to have the firefighters force the doors open in order to get in there.
 - Q. So you didn't look in the Camaro?
- 13 A. No, sir.

- Q. And the damage you're seeing from the Camaro, is it consistent with the fire coming out of the van, at least the stuff we see on the outside of the right side of the Camaro?
 - A. Yes, sir.
 - Q. And what are we looking at in there?
- A. This is the other side of the van from the wall. Like I said, there was approximately three or four feet between the van and the wall. You can see that the -- while this door is deformed, the heat damage and stuff on here, even though it was reflected from the wall, was even less than the damage on the driver's

side, basically because the doors were shut and intact during the fire.

- Q. Now we're talking about these cars here. Were there other cars in that area; that is, in that alleyway?
 - A. Yes, sir.

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- Q. Can you point to -- use your pointer and point to State's 24 where those other vehicles were?
- A. The other vehicles were on this end of the alleyway. I believe there was some racks with tires and stuff, and vehicles were parked in front of them.
 - Q. Were they damaged at all?
- A. No, sir, not from this fire.
- 14 Q. Did they look like they were damaged from a 15 burglary?
 - A. I didn't notice any damage from a burglary.
 - Q. Now did you check the doors of all the vehicles other than the van that was open?
 - A. Other than the van and the Sentra, I checked all the door handles. And I pulled them to see if they were locked, and they were all locked at the time.
 - Q. Okay. And does this show the gap between the doors and the vehicles?
- A. Yes, sir. That's between the wall and the Sienna van.

- Q. And what is this? What are we looking at in this picture?
- A. This is some of the debris that firefighters actually pulled out of the doorway here that was inside the door, and they had to pull it out when they were getting in there to put the fire out.
 - Q. Is that part of the overhaul?
- A. Yes, sir. That's where they're going to make sure the fire is completely out. They're going to remove whatever debris or whatever parts of the structure they need to to confirm the fire is extinguished.
- Q. So this pile of junk here, it could be from the firefighters putting stuff out here?
 - A. Yes, sir.

- Q. Okay. And where is this car in relation to the origin of the fire?
 - A. This car is in front of the Sienna van.
 - Q. And does it show damage to the back of it?
- A. Yes, sir, and the closest proximity to the van.
- Q. All right. Now in car fires, is it important to look into the engine compartment to see if maybe that started the fire?
 - A. Yes, sir.
- Q. Do you do that in this case?

A. Yes, sir, we did.

- Q. All right. And what do you find in the engine compartment of the Sienna van?
- A. Basically, our greatest damage is up near the fire wall, up in this -- it went onto the next level.

 Okay. This area here along the fire wall, you can see the heavy oxidation and stuff. You can see that the manifold here is melted, where the manifold on the front of the engine is still intact. You see a lot greater damage in this area here where the fire came through the openings in the fire wall.
- Q. So you're saying -- when you say the manifold, are you talking about the block in the engine that is damaged toward the -- where the occupants were and less damage in the front?
- A. Yes, sir. There was much more significant damage on the passenger side of the motor than the front side of the motor.
 - Q. And is that another view of that?
- A. Yes, sir. This is an overhead view. You can still see the remains of the battery and stuff up here to the left. You can see that this area here got much less damage than where the openings are over here coming down.
 - Q. I can't tell what you're looking at there.

1 Push down on it.

- A. It just showed up on mine.
- Q. Oh, okay. All right. And do you eliminate the battery and everything else inside the engine compartment?
 - A. Yes, sir. We look at the wiring and try to see if we see any indications of arcing, something like that, rather than external heating, where you're going to get the -- where the copper gets brittle and unpliable. We didn't see any indications of the arcing there.
 - Q. Is this inside the van?
- 13 A. Yes, sir.
- Q. Okay. What is that arrow showing? Are those arrows?
 - A. Basically, it's showing the difference inside the van where the fire originated; and you can see the difference in the doors, indicating how the passenger side door was closed and the driver's side door was open. You can see the difference in the oxidation where the fire was much more intense because of the ventilation of the door being opened.
 - Q. So you're saying on the left side, that's the driver's side?
- 25 A. Yes, sir. And this is the steering column, and

you can see some of the opening through the firewall.

- Q. Okay. So more oxidation showing. This -- we talked about this earlier. So all this material is all completely gone, as far as the locking mechanism and everything to do with it?
 - A. Yes, sir.

- Q. Shows more damage on the inside of that van?
- A. Yes, sir. You can see how it's moving from the front of the van to the rear of the van. This is the backseat. As you can see, there's actually more debris left in the rear of the van than there was the front, showing how it -- how the fire spread here. And there is less damage, actually, in the back than the front.
- Q. Now, how do you decide, or what do you look for, like debris samples to bring to the lab, out of all this junk?
- A. Well, what we do is we try to determine as close as we can the area of origin. We try to narrow it down to as small a point as possible where we're going to take the sample. Then from there we try to distinguish areas where, if it was a liquid, where would that liquid flow? Liquid flows downhill and absorbs into some materials better than others, so we normally take it at the lowest point nearest the area of origin.
 - Q. And did you do that in this case?

Yes, sir. A .

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- And where in this car did you take samples 0. from?
 - From the driver's floor panel.
- Now it looks like there's quite a bit of all 0. the upholstery is gone. Could that stuff have burned off in the upholstery?
- 8 A . Yes, sir. This is where we took the samples 9 there in front of the driver's seat, on the driver's 10 floor panel.
 - Q. Is that your best guess as to where you think it might be?
 - A. Yes, sir. That was our best guess of where we were going to get a possible sample. That's where it would come from.
- 16 Q. Okay. Going back to the cars, did you have 17 a -- at that point in time -- a feeling that you knew probably where the origin of the fire was and probably what caused it?
- 20 Α. Yes, sir. We knew where it started. We just needed to confirm how it started on the car. 21
 - Q. And where did it start?
- 23 It started in the front of the passenger area 24 of this Sienna van.
- 25 Q. And at that point, did you have any -- did you

eliminate all accidental causes, as far as you could, at the scene?

- A. Yes, sir. We didn't find any indication of any accidental causes there.
- Q. Okay. Now show us, if you could, with the laser pointer on State's Exhibit 24 what we're looking at here.
- A. Okay. This is a unit lower, further down.

 It's here, and this is 7209. This pointer is not working, but it's in 7209, as depicted on the chart.

 It's a couple of doors down when you're looking at the overhead doors from approximately where the man was, and
- Q. So -- I think it's depicted on here where it says sleeping materials?

you can see there is no fire damage there.

A. Yes.

- Q. Okay. So that's -- exhibit here is in reference to this where I'm pointing on State's 24?
 - A. Yes, sir.
- Q. And what -- how would you describe that area after having been in it?
 - A. It looked like someone had been living there. We didn't see any evidence of fire damage there. There wasn't any flame or heat, no charge, anything like that in the area.

- Q. Okay. And were you informed of where the defendant was found that night?
- A. Yes, sir. They informed us he was found at the -- I believe at the front of 7209.
- Q. So in the same place where the -- this bedding material is, the front of that same part of the building?
 - A. Yes, sir, in that same unit.
- Q. Okay. And did you -- you said there is no -was there any soot or any kind of smoke damage in anyplace around where the defendant's bedding material was, that you observed?
 - A. No, sir.

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- Q. Okay. Did you find any other situations like this, like bedding material in one of these places -- well, let me back up -- in the place where you found the defendant's stuff, any other place have bedding?
- A. The front of the 7203, there was bedding material and stuff there, also.
 - Q. Was that where those other guys were staying?
- 21 A. Yes, sir.
 - Q. All right. And this unit where the defendant's bedding was, is there any other bedding in that unit?
 - A. I don't believe so.
- Q. Same picture, same place?

1 Α. Yes, sir. 2 All right. Now I'm going to call your 0. 3 attention to these two items here. Did you remember 4 seeing the fire extinguisher there? 5 Α. Yes, sir. 6 0. Any other fire extinguishers that you remember? 7 I believe there was one in the debris at Unit Α. 8 7203. It was in the debris, so we didn't take any 9 photos of it specifically. 10 0. Do you know if it was like somebody tried to 11 use it? 12 Α. No, sir, it didn't look like it. 13 And how about this lighter fluid? What's --Q. 14 was that where you see it depicted in the photograph? Yes, sir. 15 Α. 16 Q. Okay. And is that just regular, you know, you 17 have a barbeque with lighter fluid? 18 Α. Yes, sir. It's not seen in the picture, but 19 there was --20 MR. BARROW: Your Honor, I'm going to 21 object to anything that's not seen in the picture. 22 THE COURT: Okay. Sustained. 23 (By Mr. Baldassano) All right. And did you 0. 24 collect the lighter fluid?

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No, sir.

Q. And how come?

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- A. Because there was a barbeque grill there, and I just assumed it went with it.
- Q. Okay. Would there be a way of testing, if the lab found ignitable liquids, to test it against this ignitable liquid?
- A. Yes, sir, if we would have took an examplar (sic) and have them tested and see if they both match.
- Q. Have you ever done that in other cases where you're not sure if it's part of the fire, but it might be so you take a sample?
- A. Yes, sir.
- Q. What are we looking at here?
- A. It's a different view of the bedding and showing what -- the overhead door there.
- Q. When you arrived, were these doors all opened already?
 - A. Yes, this door was opened already.
- 19 Q. If this door was opened during the fire, would 20 that let smoke into this room?
 - A. It could have.
 - Q. And about how far away is this bedding material from the scene of this Sienna van that was on fire?
 - A. I would say approximately thirty feet.
- 25 Q. Have you ever, in your work as an arson

1 investigator, been involved in a situation where the 2 arsonist actually got burned lighting the fire? 3 A . Yes, sir. 4 Is that uncommon? 0. 5 It happens sometimes. I don't know how common A . 6 it is. 7 Q. All right. And have you ever seen a person get 8 singed chest hair? 9 Α. Yes. 10 0. Or singed hair from lighting a fire? 11 Yes, sir. A . 12 Q. And can you describe how that would go? 13 Normally, it's -- it would be real similar to Α. 14 lighting your barbeque grill, and you light it and it 15 flashes, burns the hair off your arm, but with no 16 blistering normally. It's a flash fire, and then it 17 goes out. 18 Q. Back then, did you have any information about 19 the defendant's singed hair? Did you know that back 20 then? 21 Not at that time, no, sir. A . 22 Q. All right. About how long did you stay out 23 there at the fire scene? 24 A . I believe it was approximately three hours.

And then did you turn -- well, let me step

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Q.

1 back. After your analysis of the scene, is it common 2 that an insurance company would send a representative to 3 look at the fire, seeing if there is some insurance 4 coverage? Yes, sir. 5 Α. 6 0. Do you know if that happened in this case? 7 Yes, sir. Α. 8 0. And do you know who the insurance company hired 9 to go out and look at the scene or do an investigation? 10 Α. I don't know the name of the company, no, sir. 11 And when a company is called, do you ever 12 request, or can you request information from the insurance company by law? 13 14 A . Yes, sir. 15 And do they have to comply and give you 0. 16 information about a fire over a certain amount of 17 damage? 18 Α. Yes, sir. 19 Did you do any of the follow-up in dealing with 20 the insurance company after this? 21 Α. No, sir. 22 Q. And after your hours out at the scene, what --23 did you take any further action on this case? 24 Α. Just basically writing the report and informing

the day shift or follow-up crew of the scene so that

1 they could begin their follow-up. 2 Okay. And do you do that that night? Do you 0. 3 sort of call day shift sort of out there, like between shifts? Or do you just, like, leave a message for them 5 and they get to it later? 6 Α. It normally depends on the size of the fire or 7 what type of impact it had. On this one we notified the 8 day shift, and then they make a determination whether 9 they want to come out there while we're still there or 10 if they want to wait and do the follow-up later. 11 And did they come out while you were still 0. 12 there? 13 A . No, sir. 14 MR. BALDASSANO: I pass the witness, 15 Judge. 16 THE COURT: Okay. Cross. 17 MR. BARROW: Thank you, Judge. 18 CROSS-EXAMINATION 19 BY MR. BARROW: 20 Q. Investigator Hicks, you indicated that there 21 were approximately nine cars in this area; is that 22 correct? 23 Yes, sir. A . 24 Could there have been more than that? Q. 25 The other -- there was four others, but they A .

were a little bit further forward.

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- Well, if somebody testified earlier that there 0. was as many as twelve cars in here, could they be mistaken, or are you sure there were only nine cars that were close to the fire area?
- A . There was approximately twelve cars total in the alley. Like I said, there was just a little space between them.
- Well, a little space or -- well, with your Q. pointer, could you show the jury where the other four cars that were not involved in the fire were?
- They were starting about right here, because A . they were parked in line like those were.
- And can you judge the distance between where 0. 15 these four cars were parked to where those other nine 16 were?
 - I didn't measure, but approximately twenty feet A . maybe.
 - Far enough away that they weren't affected at all by the fire?
- 21 No, sir. Α.
- 22 Now you spoke to Mr. Efrain Mendoza out at the Q. 23 It was the early morning hours, probably about 24 5:00 or 6:00 a.m. by then?
- 25 A. Yes, sir.

- Q. And you spoke to Mr. Efrain Mendoza?
- 2 A. Yes, sir.

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- Q. And you also spoke to Mr. Alfredo Mendoza; is that correct?
 - A. Yes, sir.
- Q. Now they are the two owners of the business that's located here, correct?
 - A. That's what they told me, yes, sir.
- Q. Okay. And that's also where they told you, or you discovered, that there were four people that were sleeping in this office area?
- 12 A. Yes, sir.
 - Q. And I believe that your testimony was that you were able to speak to two of those people who gave their names as Juan Garcia and Alberto Garcia?
- 16 A. Yes, sir.
 - Q. The other two occupants of that business location, they were not at the scene?
 - A. Not at that time.
 - Q. Okay. Did you or anybody on your team ever attempt to find and talk to those other two people?
 - A. We did ask some of the fire crews if they had seen where they went, but nobody knew where they had gone when they left the scene. So --
- Q. And after talking to those four people, did you

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1
   have an idea of who might have caused that fire?
2
            Not at that time.
       Α.
3
             You also indicated that you spoke to a Mr.
       0.
4
   Sonny Haig that night or early morning?
5
       Α.
            Yes, sir.
6
       0.
             And that was by telephone, correct?
7
            Yes, sir.
       A .
8
       0.
             Because Mr. Haig was actually in Florida?
9
       Α.
            Yes, sir.
             And Mr. Haig, you discovered, was the owner of
10
       0.
11
   this property?
12
             Yes, sir.
       Α.
13
       Q.
             And did Mr. Haig tell you that John Morin slept
14
   in his building?
15
             Yes, sir.
       A .
16
       0.
             So you had Mr. Morin's name?
17
             Yes, sir.
       A .
18
       Q.
             Now you indicated on direct examination that
19
   you ruled out most accidental causes, right?
20
       Α.
             Yes, sir.
21
             But it's your opinion, as an arson
22
   investigator, that there was some type of ignitable
23
   liquid or accelerant liquid used to start the fire in
24
   the Sienna van, correct?
25
       Α.
             That's how it appeared to me.
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- Q. Okay. And that was your opinion, although you found absolutely no evidence of an accelerant?
 A. Yes, sir.
 Q. And that's from the sample that was taken from
 - Q. And that's from the sample that was taken from the Sienna van, correct?
 - A. Yes, sir.

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- Q. And did you know whether lab work was done on the pants that Mr. Morin had on at the hospital that were taken by Inspector Villalobos?
- A. Not at that time, I didn't know that.
 - Q. Did you later find out about those sweatpants?
- 12 A. Yes, sir.
- Q. And there was no accelerant on those
 sweatpants, either, was there?
- 15 A. No, sir.
 - Q. And they were certainly in much better condition than the Sienna van?
- 18 A. Yes, sir.
- Q. Now I believe you testified earlier that there is a number of reasons for an accelerant to not be where you think you might find it, right?
 - A. Yes, sir.
- 23 Q. And it can be destroyed by the fire itself?
- 24 A. Yes, sir.
- 25 Q. It can be -- it could evaporate prior to

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1
   collection analysis?
2
             Yes, sir.
       A .
3
             It could actually be through the firefighters'
4
   attempts to put the fire out. They could wash it away?
5
       Α.
             Yes, sir.
6
       0.
             And sometimes it's just where you decide it was
7
   a good place to take a sample?
8
       Α.
             It just wasn't there. That's true.
9
             You indicated it was dangerous circumstances
       Q.
10
   that keep the dog from being allowed on the scene,
11
   right?
12
       Α.
             Yes, sir.
13
       Q.
            And that judgment call is by the dog handler,
14
   right?
15
             Yes, sir.
       A .
16
            Now sometimes -- do you know when the insurance
17
   company sent out their investigator?
18
       Α.
            No, sir.
19
             But you're familiar with what his findings
20
   were?
21
            Yes, sir.
       A .
22
       Q.
             And so, based on that, the cars were probably
23
   in the same place and in the same condition they were
24
   when you did your investigation, correct?
25
                  MR. BALDASSANO: I'm going to object to
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NORMAN HICKS - October 4, 2011 Cross-Examination by Mr. Barrow

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1
   that as speculation about the same condition. He
2
   doesn't -- I don't know if he knows when it happened or
3
   where it was when it happened that the investigator
4
   looked at it.
5
                  THE COURT: What's your response?
6
                  MR. BARROW: He said he was -- looked at
7
   the report. And based on the findings from the report,
8
   he thought that he might be able to decide whether or
9
   not the cars were in a similar place, if he knew.
10
                  THE COURT: If the witness knows, you can
11
   answer.
12
       A.
            All I know from the report is he concurred that
13
   it started in the Sienna van, also.
14
       0.
             (By Mr. Barrow) Did he also make a finding
15
   that there was another point of origin?
16
       Α.
            Yes, sir.
17
            And that was in the Camaro, correct?
       0.
18
       Α.
            Yes, sir.
19
            Now, you didn't find that?
       0.
20
       Α.
            No, sir.
21
            And you testified earlier that the Camaro doors
       0.
22
   were definitely locked?
23
            Yes, sir.
       Α.
24
            Now the only thing about that Sienna van door
       Q.
25
   on the driver's side, you're not sure whether that door
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NORMAN HICKS - October 4, 2011 Cross-Examination by Mr. Barrow

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1
   was locked or not, are you?
2
             I have no idea if it was locked or not.
       Α.
3
             At the beginning of the fire?
4
             Yes, sir.
        Α.
5
             Was the fire that originated in the Camaro
   also -- was the finding that there was an accelerant
6
7
   used in that fire, as well?
             I don't believe so.
8
       Α.
9
        Q.
             And is that because there was no accelerant
10
   found?
11
       Α.
             I don't know what the testing was that they did
12
   it on.
13
             You and your team certainly didn't do any
       Q.
   testing on the Camaro; you didn't take any samples from
14
   the Camaro?
15
16
       Α.
             I did not.
17
             By 6:00 a.m. on the morning of October 19th, is
        0.
18
   it fair to say that the fire was out?
19
             Yes, sir.
       Α.
20
        Q.
             Could the dog have been let loose at that time
21
   to investigate for an accelerant?
22
       A .
             That's totally up to the handler.
23
             Was the handler still there?
        0.
24
       A .
             Yes, sir.
25
             And he didn't do it?
        Q.
```

1 Α. No, sir. 2 Do you know whether the handler ever brought 3 the dog back to check those cars? 4 I do not know. Α. 5 0. Now when we were discussing the distance 6 between -- and there is the Sienna van, correct? 7 Yes, sir. A . 8 0. And this is the door -- now is this the normal, 9 regular door? You know, there is two types of doors in 10 this building, correct? 11 There is an overhead door and a man door. Α. 12 0. And the man door? 13 Α. Yes, sir. 14 0. Are you calling the man door the -- a regular 15 l door? 16 Α. Yes, sir. 17 And does this represent the man door or the 0. 18 garage door, or do you know? 19 The small space there would be the man door. A . 20 Q. This one here? 21 Yes, sir. A . 22 Q. Okay. If this van was totally engaged in fire, 23 it would be extremely difficult and dangerous for a 24 firefighter to come right between here and bang on those

25

doors, correct?

- A. Until they get the fire knocked down, you're correct.
- Q. Inspector Hicks, arson, it's not an exact science, is it?
 - A. Well, arson is a crime. It's not a science.
 - Q. Well, arson investigation. I'm sorry.
- A. It's not conducted in a lab, but it is a science.
- Q. So when you say that it's your best guess, is that an exact science or is that your best guess?
- A. I don't really understand the question, because I don't think I said I guess.
- Q. Well, at one point you and Mr. Baldasano were discussing the smallest place to take the sample, and you said that it was your best guess that that would be the place to take the sample. And I believe you were discussing about the Sienna front passenger seat, liquid flows downhill. And that's where you took the sample, correct?
 - A. Yes, sir.

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- Q. And that would have been your best guess as to a good place to take the sample?
 - A. Yes, sir.
- Q. Did anybody fingerprint the charcoal lighter fluid container?

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1
            Not that I know of, no, sir.
       Α.
2
            And I believe you testified that you could have
3
   collected that charcoal lighter fluid and taken it to
4
   the lab and tested it, but you didn't?
5
       Α.
            No, I didn't.
6
                 MR. BARROW: Pass the witness.
7
                  THE COURT: Okay.
8
                 MR. BALDASSANO: No further questions,
9
   Judge.
10
                  THE COURT: Let's take a two-minute
11
   recess. Please remember the admonitions from the Court.
12
   Do not discuss this case with anyone, not even among
13
   yourselves.
14
                  (Brief recess)
15
                  (Jury enters courtroom)
16
                  THE COURT: Thank you. Please be seated.
17
                  You may proceed, Counsel.
18
                         BRIAN HEINTZ,
19
   having been first duly sworn, testified as follows:
20
                       DIRECT EXAMINATION
21
   BY MR. BALDASSANO:
            Please introduce yourself to the jury.
22
       0.
23
            My name is Brian Heintz. I'm a certified fire
24
   and explosion investigator licensed through the National
25
   Association of Fire Investigators. I did the origin and
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