You may proceed, Counsel.

ROBERT SCHILETER,

having been first duly sworn, testified as follows:

DIRECT EXAMINATION

BY MR. BALDASSANO:

- Q. Please introduce yourself to the jurors.
- A. My name is Robert Schileter. I'm a thirty-year veteran of the Houston Fire Department. I hold the rank of district chief.
 - Q. And tell us what you do as a district chief.
- A. I have both administrative and suppression duties. Administrative, I take care of records and reports. I have four fire stations that are within my district that I take care of those men assigned to that.

Suppression duties, I'm the incident commander of fires that I am sent to. I work in the Greater Galleria area. And if there is a fire in that area, then I'm supposed to be the one in charge.

- Q. And what kind of training do you need to become a district chief?
- A. I had worked my way up through the department starting with -- as a rookie firefighter back in 1982.

 I have taken extensive training classes through the department and through Houston Community College. I am a paramedic still. A lot of the administrative stuff is

on-the-job training.

- Q. And how long have you been a district chief?
- A. Almost six years.
- Q. And so, how many men and women do you have under your command?
- A. The number actually varies a little bit.

 Currently I have thirty-seven. It's been as high as

 forty-two, but it just depends on the staffing needs of
 the stations that I have.
- Q. And is it your job at a fire to actually make the decisions, as far as how firefighters fight the fire, who goes in, who does searches, all of that stuff?
- A. I develop the strategy that is used to attack the fire. The officers will then develop the tactics that are necessary for the actual job performance. But I tell them, we're going to attack from this side or, you know, we need to search this building, or something like that, yes.
- Q. And in the course of your thirty years with the fire department, do you have an opinion as to whether or not fire could be a deadly weapon?
 - A. Absolutely.
 - Q. And why do you say that?
- A. I have seen for myself on many occasions the deadly effects of both firefighters and civilians being

1 killed in a fire.

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- Q. Chief, I want to call your attention back to October 19th of 2007. Were you working at the Houston Fire Department that day?
 - A. Yes, I was.
 - Q. And were you a district chief then?
- A. Yes, I was.
 - Q. And where were you stationed?
- 9 A. Station 28, which is 3000 Chimney Rock.
- Q. Did 28 -- do they get a call to go to a fire back, I guess, in the early morning hours between 3:00 and 4:00 a.m.?
- A. Yes, we did.
- Q. And can you tell us what time you actually got the call to go to the fire?
- A. I think we were dispatched at 3:46, if I remember correctly. I would actually have to look at the record for sure.
- Q. Let me stop there. Do you, as a routine, make notations or keep notes or make statements on the radio to lock in the times when you received a call and then when you actually arrive?
- A. The dispatch time is locked in by our Office of Emergency Communications. Our dispatchers, when they sent the notation to the fire stations to respond, that

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   is locked in -- that is a fixed time.
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       Q. Do the times, as well as the personnel and the
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   amount of equipment that goes to a scene, is that all
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   part of your incident report?
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       A. Yes, it is.
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                 MR. BALDASSANO: May I approach the
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   witness, Judge?
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                 THE COURT: Yes.
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           (By Mr. Baldassano) I'm going to show you
       Q.
   what's been labeled State's Exhibit No. 8 and ask if you
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   could take a look at that. Is this the incident report
   made at the fire of 7200 Rampart Street back on October
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   the 19th, 2007?
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            Yes, it is. This is the computer-generated
   version of that.
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16
           Okay. And first of all, that location at 7200
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   Rampart, is that where you were called to?
            Yes, it is.
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       Α.
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            Is that a location here in Harris County,
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   Texas?
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            Yes, it is.
       A .
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       Q.
            According to the records --
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                 MR. BALDASSANO: Judge, at this time we'd
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   offer State's Exhibit No. 8 into evidence. It's a --
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   it's got a business records affidavit. It's been on
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1 file for many months, and I think the defense has had 2 notice of that. 3 THE COURT: Any objections from the 4 defense? 5 MR. BARROW: No objections, Your Honor. 6 THE COURT: State's 8 is admitted. 7 (By Mr. Baldassano) Regarding the incident 0. 8 report, can you tell the jurors the first thing that 9 happens that's recorded? 10 The first thing that happens is that the -- as 11 the units are being dispatched originally, the computer

will time stamp that particular moment as units start to respond from the fire station. Then there is a computer within our apparatus that we push one of the buttons.

And it says we are, in fact, en route. That's another time stamp.

The first unit on location will again hit another button that -- for another time stamp saying we are on location. That apparatus -- that officer on that apparatus should give a radio report describing what he has found and their actions, and then also what they need from other apparatuses.

- Q. When you say apparatus, you're talking about a fire engine?
 - A. A fire truck.

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- Q. And a ladder truck?
- A. That is correct.

- Q. And so, just tell us the difference.
- A. Engines or pumpers are the apparatus, the vehicle that carries water and hose. A ladder truck carries the very large ladder on the top, the aerial ladder plus an assortment of other ladders and rescue tools.
- Q. So in this case, on October 19th, what's the very first thing that happens, according to the records?
- A. Very first thing is at 3:46 a.m. They receive a -- I'm so sorry. That is the dispatch time. And they send -- this was a regular box alarm, which would be four engines, two ladders, trucks, two chiefs, and a couple of EMS Units, one ALS, one BLS, advanced life support, basic life support to this location, and then just a standard response for this size of building and what the call takers were able to get from the person making the 911 call.
 - Q. Let me stop you there for a second.
 - MR. BALDASSANO: Can I approach, Judge?

 THE COURT: You may.
- Q. (By Mr. Baldassano) I'm going to show you

 State's Exhibit No. 9. Does this accurately depict the

 stations involved and the equipment that went to that

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fire?
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            Yes, it does.
       A .
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                  MR. BALDASSANO: I will offer State's
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   Exhibit No. 9 into evidence, tender same to defense for
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   his inspection.
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                  THE COURT: Any objections from the
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   defense?
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                 MR. BARROW: No objections, Your Honor.
9
                  THE COURT: State's 9 is admitted.
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            (By Mr. Baldassano) And did the call come in
       0.
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   as a building fire or as a vehicle fire?
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            The original information given to us was as a
       A .
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   multiple cars on fire; and then we subsequently found
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   that it was a building involved, as well.
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            And did these sort of boxes depict in State's
       0.
   Exhibit No. 9 the different stations?
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17
            Yes, it does.
       A .
18
       Q.
            All right. So the call comes in at 3:46; is
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   that accurate?
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       Α.
            Dispatched to us at 3:46.
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            Does it show the 911 call?
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       Α.
            If it does, it's at the same time.
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            Okay. And then what happens next?
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            First unit on location was engine and ladder.
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   They actually arrived together. They're coming from the
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same fire station, Engine Ladder 51. They made a radio report that there were several cars on fire between two one-story warehouse-type buildings.

- O. What time is that?
- A. That would have been at 3:50.
- Q. So at 3:50 in the morning, Engine 51 and Ladder 51 arrive simultaneously?
 - A. Yes.

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- Q. And then where in that do you arrive?
- 10 A. I arrived one minute later.
 - Q. And when you go to a call like this, is it lights and sirens all the way?
- 13 A. Yes.
- MR. BALDASSANO: May I approach the board,

 15 Judge?
- THE COURT: You may.
 - Q. (By Mr. Baldassano) I'm going to show you State's Exhibit No. 7, Chief. And if you could, just tell the jurors what side you arrived at, where the apparatus went when they got to the scene.
 - A. I arrived from the north side of Rampart coming in from basically along here. I made the turn onto Jessamine, and I parked right in front of this telephone poll right here. Engine and Ladder 51 were along here when I arrived.

- Q. Okay. And do you run the lights and the siren all the way to the place?
 - A. Yes.

- Q. So if they arrived at 3:50 in the morning, what time would you say you arrived?
 - A. One minute later.
- Q. And I think you mentioned there were -- how many total pieces of equipment apparatus -- that is, trucks -- that were out there?
- A. Including the EMS Units and the other units that I called, plus the arson units involved, as well as about seventeen, I believe.
- Q. Okay. And how many people -- how many firefighters, emergency people?
 - A. Approximately fifty.
- Q. Okay. When you get to that scene, do you know if the fire department found the gate locked going into the alleyway?
- A. They did. It was reported to me by the captain on Engine 51 they had to cut the lock in order to gain access into the alleyway.
- Q. Okay. I'm going to show you -- well, I'm not sure the best way to do this. Why don't I put it up on the newfangled board thing, okay. Show us where the gate is that they found -- the fire department found

locked when you first arrived.

- A. Is there some way I can --
- Q. If you push on it.
- A. The gate's right here between the two buildings. This particular photo is of a slightly different angle than the other photograph. My vehicle was parked here. Engine and Ladder 51 were along here, and they had to -- the gate is a rolling gate that they had to -- they had to cut the lock on right there.
- Q. All right. I'm going to show you what's been put in as State's Exhibit No. 5. It's a little dark there. Can you see State's Exhibit 5? Is that the gate that you had to -- the fire department had to break into?
- A. That is correct.
- Q. What did you see when you first arrived at 3:51 a.m.?
- A. When I first arrived, I drove past the opening. I could see down inside there, even though one of the trucks was partially blocking it. I could see that we had several cars parked in the alleyway and that it appeared that several of them were on fire.
- Q. And what action -- do you direct the crews to put out the fire, or do they sort of take it upon themselves to go and do it?

A. The first arriving officer should have the initiative to initiate normal strategy. In this case, both the officers on Engine Ladder 51 knew that they needed to stretch hose lines in there off of Engine 51. They had to -- once they determined they had to cut the lock on the gate, then they did that first. And then they stretched the hose line and started to attack the fire.

I arrived while they were in the process of doing that. And I started to give orders to the other arriving apparatus as to what was required, what they needed to do.

- Q. And was your function at all to do any kind of investigation out there as to how the fire started?
- A. The incident commander is always required to make a cause and determination. So as the fire began to wind down a little bit, I start to think about how did it start. And I begin my investigation at that point.
- Q. And you say there were multiple cars on fire.
 Were there any other cars back there that weren't on fire?
- A. There were four cars at the -- it would be the south end of the alleyway, the furthest point from the gate, that were not involved.
 - Q. Okay. Can you just draw a circle around the

area where the cars that were involved were?

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- A. It would have been down at the far end.
- Q. And the circle around where the cars that were involved?
 - A. They were along in this area.
- Q. And could you tell if there was any fire or any damage between those two circles, those two areas?
 - A. There did not appear to be, no.
- Q. When you did the investigation, what do you look for and how do you determine or move forward with that part of it?
- A. The first thing that we'll look for is any type of accidental ignition. Could be anything from lightning strike to overheating elements, a motor left on too long, things like that. Once we determine there are no accidental causes, then we start to think about intentional causes and we try to determine what could be the reason for that.
- Q. Okay. And that night, do you remember any kind of, you know, severe weather, lightning or anything like that?
 - A. No, no. It was basically a calm night.
 - Q. Did you find any of the vehicles that you could tell would have keys in the ignition that were maybe left on?

- A. I did not see any, and it was not reported to me that there were any that had the keys in them still.
- Q. Was there any other items out there or anything out there that would indicate to you that there was a possible accidental cause of the fire?
- A. Not when I made the initial walk-through, I didn't see anything that would have been a point of ignition short of the vehicles themselves. There was no electrical wires or anything attached to any of the vehicles, nothing like that.
- Q. Okay. Now car fires happen, right, accidentally?
- A. Yes.

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- Q. Did you -- as part of your investigation, do you talk to the other firefighters about what they might have seen?
 - A. Yes, absolutely.
 - Q. And did you do that in this case?
- 19 A. Yes.
- Q. Did you learn from any of them anything they saw that might have indicated it was an accident?
 - A. No, there was no indication of that.
- Q. All right. Do you remember if the firefighters tried to gain entry into the areas that were on the inside; that is, I guess, on this picture, on the bottom

1 of the building?

- A. Into the building itself?
- Q. Right.
- A. Yes. That was one of the things that's required. Since there was damage to the building itself, we had to search it. We not only searched the building, we searched the cars, as well, to make sure there's nobody inside any of them.
- I ordered two crews to come to the Rampart side, and each of the doors -- each of the actual human doors along this side, they had to force open.
- Q. So are all those doors locked, as far as you could tell?
 - A. Yes.
- Q. And how about in the back? I'm going to show -- let's see, probably the big picture. On the back where the cars were, were the doors locked back there, as well, initially when you arrived?
- A. Yes. It was reported to me that, again, ordering them to force the doors open, we couldn't really tell what type of occupancies were inside the building, whether the occupancy went all the way through from the Rampart side to the alley, or if it was two separate occupancies, one in the front and one in the back kind of thing. So I had them force the doors on

that side, as well.

- Q. Okay. So that would be around the side with the circles on it; is that right?
- A. Yes, that's correct. It would have been the doors that were along this side, as well.
- Q. Okay. And do they force them open from the outside, or do they get at them from the inside?
- A. They attempted to force the doors from the outside. They finally got one that they were able to open. They were extremely difficult to open. And one -- once they got inside of one, we were able to determine that the -- it would have been easier to come through from the other side since we already had those doors open, and that's how they got the rest of them open.
- Q. Okay. Now going back to the nature of this fire, while the fire was going, do you have an opinion based on your background and experience as to whether that -- the person -- or assuming a person lit the fire, that it would be an act that's reckless and dangerous to human life and property?
- A. In my opinion, yes. Firefighters responding get into major motor vehicle accidents all the time.

 The dangers of the fire itself, the combustion products are all very deadly.

Q. And how close to the building were these vehicles?

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- A. The vehicles were very close. They were parked three across in the alleyway, and there was very little room between the vehicles and the building itself.
- Q. Was there anybody found at the fire scene that was eventually transported to the hospital?
- A. There was one individual that was pulled from the building and transported to the hospital.
- Q. And do you know, based on your examination out there where, and can you point to if you do know, where that person was when they were taken out of the scene?
- A. The person was found approximately here. The crew that I had sent to open the door from the Rampart side found him ten, fifteen feet just inside the door.
- Q. So they had to break in from the outside to get in there?
 - A. Yes, that is correct.
- Q. And was there anybody else taken from the fire scene that night to the hospital?
 - A. No. There was just one.
- Q. And how does that happen? Once the person is taken out of a fire scene and they're sent to EMS, what happens?
- 25 A. Well, initially I got the report from the crew

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   that was doing the searching that they had found a
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   victim. I immediately ordered the ambulances to that
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   side to take over care of the patient. He was loaded
   into the back of one of the ambulances. I know
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   basically what was done to him en route. He was
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   reported --
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                 MR. BARROW: Your Honor, I'm going to
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   object to that as being hearsay, unless he was in the
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   ambulance.
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                 THE COURT: Okay. Sustained.
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                 MR. BALDASSANO: May I approach the
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   witness, Judge?
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                 THE COURT: You may.
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            (By Mr. Baldassano) Chief, I'm going to show
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   you what's been labeled State's Exhibit 11 and ask you
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   if State's Exhibit 11 -- or first of all, if you
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   recognize what that is.
18
       Α.
            This is the computer-generated version of one
19
   of our EMS records.
20
                  (Off-the-record discussion)
            I'm going to show you what's been labeled
21
       0.
22
   State's Exhibit No. 12. Is this an EMS record, standard
23
   record that you would make --
24
       Α.
            Yes.
25
       Q. -- when picking up someone?
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A. Yes, sir.

MR. BALDASSANO: Judge, at this time we offer State's Exhibit No. 12 into evidence, and it has a business records affidavit, and it's been on file. And I tender same to the defense.

MR. BARROW: No objection, Your Honor.

THE COURT: Okay. State's 12 is admitted.

- Q. (By Mr. Baldassano) On your incident report and also on the EMS report, is there a particular number that kind of applies to the case?
- A. Yes. It's what we call our incident number, and it is a unique number that is generated for that particular call. All apparatus, all fire trucks, all EMS personnel will be -- will use that number for that car.
- Q. And the number on this one, I think you said it's a unique number. Is there anything -- were there any other people transported under that number from this fire to the hospital on October 19th, 2007?
 - A. No. Just this one.
- Q. You said that you look at the accidental causes first. Did you see any accidental cause or anything that you thought could be an accidental cause of this fire?
- 25 A. No.

Q. And what did you do next?

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- A. Well, once we determined there are no

 accidental causes, I start to look for other causes.

 There is just a wide variety of different things.

 Intentional versus unintentional are a little bit

 different. If it's wiring inside of a wall or something

 like that, then we'll try to determine what the cause
 - Q. Okay. So if you look at wiring on a wall and it looks like an outlet maybe burst into flames, does that kind of indicate maybe that's an accident?
 - A. Yes, uh-huh, accident.
 - Q. And how about with these cars? First of all, do you always call the arson investigators on every fire?
 - A. Every fire, no.

could be from that.

- Q. Why did you call them on this fire?
- A. I called them for this particular fire because of what I thought was multiple points of origin inside the vehicles and because we had an injured civilian that was being transported. That's an automatic for us.
- Q. Did you stay there when you -- were you there when the arson investigator showed up?
 - A. Yes, I was.
- Q. And do you know who that was?

A. It was -- I would have to look up his number; but it's one of the arson investigators I'm familiar with, yes.

- Q. Do you talk to him when he arrives? And does your other firefighters speak to him about, you know, what they saw, what they observed?
- A. Yes. Generally the first thing that the arson investigator will do is to find the incident commander, get a brief rundown of what occurred. And then they will want to talk to the first arriving officers to find out what they saw, what they did. And then they start their actual hands-on investigation, typically.
- Q. So how many cars in total and how much damage was done that you observed from this fire?
- A. I saw into a greater or lesser degree six or seven vehicles that had fire damage. Some of them were extremely damaged, and a few were just where the paint was bubbling on the outside.
 - Q. How about the building?
- A. The building sustained a fair amount of damage, again, basically in this area. It wasn't destroyed. The building didn't burn to the ground. We were able to stop it in one room. It didn't advance much further.

MR. BALDASSANO: I pass the witness. Thank you, sir.

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                  THE COURT:
                              Okay. Defense.
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                  MR. BARROW: Thank you, Judge.
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                       CROSS-EXAMINATION
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   BY MR. BARROW:
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            Chief Schileter, what time was arson called?
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       Α.
            Arson was requested at 4:12 a.m.
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             So the first firemen arrived at 3:50 a.m.,
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   right?
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            That's correct.
       Α.
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       0.
            And you arrive about 3:51?
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            That's correct.
       A .
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       Q.
            And cars are on fire at that point, correct?
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            Yes, sir.
       Α.
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             Okay. And so from 3:51 to 4:12, you were able
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   to put the fire out, determine it wasn't accidental,
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   retrieve a patient from one of the rooms and call arson?
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            Not by myself; but, yes, pretty much.
       Α.
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             I guess my point is, within twenty minutes --
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   and that's -- that twenty minutes, part of that twenty
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   minutes, how long did it take to put the fire out?
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            Ten to fifteen minutes.
       Α.
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       Q.
            Okay. And so, once the fire is out, that's
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   when you can start to investigate a little bit --
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       Α.
           Correct.
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       Q.
           -- right?
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ROBERT SCHILETER - October 3, 2011 Cross-Examination by Mr. Barrow

1 Yes, sir. Α. 2 So within five minutes of the fire being put 0. 3 out, you believe that it was not accidental? 4 Correct. Α. And call arson? 5 0. 6 Α. Yes. 7 Now --0. 8 MR. BARROW: May I approach, Your Honor? 9 THE COURT: You may. 10 (By Mr. Barrow) And, again, we're all looking 0. 11 at the same picture, just kind of different views and 12 whatnot? 13 A . Correct. 14 But will you indicate where it's indicated fire 15 here, on State's No. 1? This is where the cars were 16 parked, correct? 17 Α. That's correct. 18 Q. Okay. And you indicated that the cars were 19 three abreast right through here? 20 Α. That's correct. 21 Pretty tight quarters, right? And when y'all 22 arrive, the fire is burning? 23 Α. That's correct. It would not be possible, would it, Chief, for 24 Q. 25 a fireman to get between those burning cars and this

burning building and bang on one of those metal doors, right?

- A. No. There was enough room for somebody to move between the vehicles and the building, yes.
- Q. And when they first arrived and six to eight cars are engulfed in flames and the building is in flames, a firefighter didn't go between that car and that building, did he?
- A. They would have. One of the first things I would have ordered is for them to do a -- what we call a primary search, a quick search of the fire area. One of the firefighters could have gone along that stretch. But if the fire was impinging from the vehicle to the building, he would not have walked through the fire.
- Q. Isn't that exactly what happened, is that the fire impinged from the vehicle to the building?
 - A. Yes.

- Q. And so if somebody on the inside of that building says a fireman was banging on the door, that would have been pretty tough while that fire was burning, wouldn't it?
 - A. Depending on the door, yes.
- Q. Well, I guess my point is, between that car and that door there is possibly not much more than, what would you say, between here and where I'm standing?

- A. That would have been about right.
- Q. So if this car is on fire and this building is starting to be on fire, I'm not going to be a fireman that's going to walk in between there and bang on this door, am I, while the fire is burning?
- A. Again, depending on exactly where the car was and its relationship to the door.
- Q. Let me ask it this way: Did you see anybody in that space?
 - A. No, I did not.

- Q. Thank you. When you -- I'm sorry. You can look at the screen. Between your blue circles where the big one closest to Jessamine, where the fire was, and your far circle at the other end, about how much distance is there between there?
- A. I did not measure it. I would say it was probably close to a hundred feet.
- Q. Okay. And certainly that fire -- that would have been tough for that engaged fire with the eight vehicles to have made that leap to those other four, right?
 - A. That is correct.
- Q. And there was no damage down at that end in the alleyway?
- A. No, there was not.

ROBERT SCHILETER - October 3, 2011 Cross-Examination by Mr. Barrow

- Q. Did that building at 7200 Rampart -- did that have a common attic area?
 - A. Yes, it did.

- Q. And that's a problem for firefighters, isn't it?
 - A. Yes, it is.
 - Q. Because those fires that are started close to Jessamine, it gets up there, that smoke can run right down that building, the fire can run right down that building. There is no breaks, correct?
 - A. That's correct.
 - Q. When you investigated the cars, the eight cars -- I'm sorry -- between six, seven or eight cars that were damaged by fire, did you notice whether or not the doors were locked on those cars?
 - A. I did not test all of the doors. The firefighters reported to me that they had attempted to open them and that they were locked.
 - Q. Any firefighters injured out there fighting this fire?
- 21 A. No.
 - Q. Did you believe, Chief, that there were possibly multiple sources of the fire?
- A. As I made my initial walk-through of the cars,
 I looked into the cars; and I thought there were

multiple points, yes.

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- Q. And by multiple points, you mean the different cars were set on fire?
 - A. That's correct.
- Q. Okay. And I guess my question is, in your experience, how hot does that car fire have to be to jump from one car, even if they're parked almost touching each other, to go from one to the other one?
- A. The -- just the temperature of the original burning car, if they were very close to one another, the radiant and convected heat would easily ignite the next one; but it would be on the outside of the vehicle.
- Q. And would that ignite, for example, first off, the paint on the car?
 - A. Typically, yes.
 - Q. And would that feed the fire?
- 17 A. Yes.
- Q. Okay. And so once it makes that leap and it gets a hold, it's not hard for it to consume the whole car?
- 21 A. That's correct.
 - Q. And that doesn't take that much time, right?
- A. Not very long, no.
- Q. If the dispatch was at 3:46 -- and I believe you said it was from a call box?

- A. No, sir, telephone call.
 - O. So it was like a 911 call?
- A. Yes, sir.

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- Q. So normally somebody would call 911 and say there is a fire, and the address. And then what? 911 contacts your dispatcher?
- A. They're in the same building, on the same floor. Basically would be no further away from where I'm sitting to the corner of the courtroom over there. And it's all done electronically through the computer.
- Q. Is there any way to tell by the damage or by your experience when that fire actually started if the call came in or the dispatch came in at 3:46? Can you guesstimate, Chief? I know that's difficult.
- A. In my opinion, it would have been no more than ten to fifteen minutes before the call came in.
 - Q. And again, the first -- the call's at 3:46.
 The first firemen arrived at approximately 3:50. You're there approximately 3:51?
 - A. Yes.
- Q. So extrapolating back a little bit, maybe 3:30-ish, 3:35, somewhere in there?
 - A. That would be about right.
- Q. And I'm not trying to pin you down. That's just, in your professional experience, that pretty much

1 makes sense, about ten minutes for it to go out? 2 Α. Yes. 3 MR. BARROW: Thank you, Chief. I pass the 4 witness. 5 REDIRECT EXAMINATION BY MR. BALDASSANO: 6 7 Okay. On that point, are you just speculating 0. 8 in this case what you think might have happened, or do 9 you know? In general terms, if there is no accelerant 10 A. 11 used, and the most common cause of car fires is 12 electrical, something happening within the dashboard or 13 perhaps even within the engine compartment. It takes 14 several minutes for it to gain enough momentum to actually start to burn the vehicle. 15 16 0. Would the use of an accelerant matter? 17 Not absolutely, but it would very rapidly Α. 18 increase that. 19 How about, would it matter what part of the car 20 was set on fire, the upholstery, with a lot of paper in 21 their car that it was the rubber mat? Would that 22 matter? 23

and faster and hotter than something else.

The upholstery would ignite and burn quicker

Q. Okay. And would it matter how much fire was

A .

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put in a match as opposed to a log on fire? Would that
matter, as far as how fast the thing spreads?

- A. If there was an accelerant used, it would not make any difference. The accelerant would be the cause for the rapid increase.
- Q. Okay. Is it safe to say there is a whole bunch of variables --
 - A. Oh, yes.
- 9 Q. -- would come into play on how fast a fire
 10 spreads?
- 11 A. Yes.

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- 12 Q. And to guess on any particular fire would just 13 be a guess?
 - A. That is correct.
 - Q. Okay. Let's talk a little bit about the primary search. You had mentioned that. When the Houston Fire Department goes to a fire, do they normally do an offensive attack?
 - A. It depends on the fire, how long it's been burning, what type of building it is, the occupancy involved, all that.
 - O. What is an offensive attack?
- A. Offensive attack is where the first arriving firefighters will take hose and water to the seat of the fire. If it's inside the building, they'll drag the

hoses right into the building, search out to find the fire and put water directly on to it.

Q. What is a defensive attack?

- A. A defensive fire attack is the building is already unsafe for us to enter into, and we will use large hoses from the outside to keep it from spreading to any other buildings.
 - Q. And in this case, which was it?
 - A. This was an offensive attack.
- Q. Show us, if you could, on the diagram where the -- where the fire was and how far in the building the fire spread.
- A. The fire was limited into this particular area. There was a small room off of the alleyway that the fire had gained entrance into, and there was a -- it looked like storage closets of some type. There was quite a bit of stuff in there that was damaged.
- Q. And was there any fire damage near the big X over there?
- A. No. It was just limited to this one area here.

 We had -- smoke traveled throughout the building, but

 there was no heat to speak of.
 - Q. All right. Have you ever seen, in your thirty years with the fire department, anybody be injured by a flash burn?

A. Oh, yes.

- Q. What -- explain what that is.
- A. A flash burn, flash over, is where the ignition of the contents is very, very rapid, almost at an explosive rate. People will have an -- if they're not protected, they'll have a -- do have very severe burns, inhalation burns, contact burns, burns to the skin, things like that.
- Q. Have you ever seen anybody with singed chest hair or singed hair from a fire?
 - A. Yes.
- Q. And what -- in your experience, is that caused -- what causes singed hair?
 - A. Heat causes singed hair.
- Q. And in this fire, based on what you saw when you first arrived there, how far would you say the heat that would singe somebody's chest hair or any hair would be in this picture? Where would somebody have to be, based on watching the fire at 3:51 to get singed hair?
- A. In my opinion, we had -- because of the walls, the occupancy separation here, this portion had very little damage to it on the inside, I would say they would have to be within an arc about like that for there to be enough heat for it to --
- Q. Would they have to be outside, as well?

- A. They could have been outside if they were close enough to the --
- Q. Okay. Well, was there any damage -- you have that arc there. Was there any damage going to the front of the store there? Was there any damage at all to the building near the front?
- A. Fire damage destruction, no. It was all right in that area.
- Q. Okay. So was there any fire damage, I guess, the rest of the arc -- I'm interested in over here. Is there any actual burning, anything burned over here?
- A. Mostly melting, rather than burning. Plastic pieces, things like that, would show some heated stress and begin to melt, but without actual ignition.
- Q. Okay. Let me go back to your primary search and the banging on the door. Is that part of the Houston Fire Department's function to not only put a fire out, but try to save and rescue people that might be in the fire?
 - A. Yes.

- Q. Is that one of the main things that you have to do in an offensive attack?
 - A. Yes.
- Q. And in this case, would somebody try to bang on the door to either warn somebody or to save somebody if

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they could?
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       A.
           Yes.
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       Q. After the fire's out, would the firefighter
4
   naturally go to that door and bang on it?
5
           After this fire is out, yes. I gave the order
6
   to open the doors. Then they would attempt to do that.
7
            And I think you said that those doors were
       0.
8
   locked?
9
       Α.
            Yes.
10
       Q. Okay.
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                 MR. BALDASSANO: I'll pass the witness,
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   Judge.
13
                 THE COURT: Okay.
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                 MR. BARROW: Brief.
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                      RECROSS-EXAMINATION
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   BY MR. BARROW:
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       Q. Chief, in that alleyway, because of the
18
   enclosed surfaces, that heat's going to be intense in
19
   there, isn't it?
20
       A.
            The majority of the fire was against this
21
   portion of the building.
22
                 Can you blank that out again for me?
23
                 The majority of the vehicles were up
24
   against inside. The cars that were against the side of
25
   the other building had very little damage. So close to
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   the cars that are burning, yes, intense heat. The
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   further away you go, the less.
3
            You always see it in the movies and in
4
   television when cars catch on fire, at some point in
5
   time the gas tank explodes. Does that happen?
6
       Α.
            Very rarely.
7
            Very rarely. Certainly didn't happen in this
8
   case?
9
            No, it didn't, correct.
       Α.
10
            Why -- with a fire that intense in some of the
11
   cars, why wouldn't that happen all the time?
             Safety materials built into the construction of
12
       Α.
13
   the cars. They will actually vent and allow the
14
   gasoline to burn off or run off before it actually
15
   explodes.
16
       0.
            So, cut-off valves in the tank itself --
17
            Right.
       Α.
18
       Q.
            -- is more fire retardant than in the old days,
19
   for example?
20
       Α.
            Yes.
21
            So it is very rare for that just to go boom?
       0.
22
       A .
            Very rare.
23
                  MR. BARROW: Pass the witness.
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                  MR. BALDASSANO: Nothing further, Judge.
25
                  THE COURT: All right. May this witness
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