UNITED STATES DISTRICT COURT FOR THE DISTRICT OF COLUMBIA

AMERICAN SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS,

CA No. 03-2006

Plaintiff,

v.

Washington, D.C.

Wednesday, February 18, 2009

FELD ENTERTAINMENT, INC.,

10:24 a.m.

Defendant.

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TRANSCRIPT OF BENCH TRIAL - MORNING SESSION - DAY 9
BEFORE THE HONORABLE EMMET G. SULLIVAN
UNITED STATES DISTRICT JUDGE

APPEARANCES:

For the Plaintiff:

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Court Reporter:

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Proceedings reported by machine shorthand, transcript produced by computer-aided transcription.

1 PROCEEDINGS 2 COURTROOM DEPUTY: Civil action 03-2006, American 3 Society For the Prevention of Cruelty to Animals, et al versus Feld Entertainment, Inc. 4 5 Would counsel please identify yourselves for the 6 record? 7 MS. SANERIB: Good morning, your Honor. Tanya Sanerib 8 for the plaintiffs. MR. CRYSTAL: Howard Crystal for the plaintiffs. 9 MS. MEYER: Catherine Meyer for the plaintiffs, your 10 11 Honor, MS. WINDERS: Good morning, your Honor. Delcianna 12 Winders for the plaintiffs. 13 MS. SINNOTT: Good morning. Michelle Sinnott, tech, 14 for the plaintiffs. 15 MR. SIMPSON: Good morning, your Honor. John Simpson 16 17 for the defendants. 18 MR. SHEA: Good morning, your Honor. Lance Shea for 19 the defendant. MS. PETTEWAY: Good morning. Kara Petteway for the 20 defendant. 21 MS. JOINER: Good morning. Lisa Joiner for the 22 23 defendants. MS. STRAUSS: Good morning, your Honor. Julie Strauss 24 for the defendant. 25

MR. PALISOUL: Derrick Palisoul.

THE COURT: I have to do a better job of getting around Washington in the snow and ice. It doesn't take much to shut the city down. I'm a native Washingtonian, and it hasn't gotten better over the years. I'm sorry I was late. I just couldn't do any better.

Is the witness present?

MS. SANERIB: Yes, she is.

THE COURT: I'm going to ask you to step outside just for a few minutes, all right?

I was able to use the time, though, to focus on some of her testimony yesterday, and this is my concern. If I understood her testimony correctly, she has an opinion that this alternative training method utilizing training without a bullhook would be most appropriate if the definition of "circus" was redefined, but that this training method could not under any circumstances, and she was quite adamant about it, could not under any circumstances, be utilized in a traditional circus environment as we understand that environment to be, because of the reasons she stated: the fact that people are riding elephants, the fact that they're in the presence of the public, so why is this relevant at all? We're talking about a "take" in a traditional circus setting. Why is her expert testimony about what could happen in a different type of environment relevant to the issues I have to decide?

MS. SANERIB: Your Honor, I think it's really relevant because her development of an alternate system in and of itself shows how harmful the traditional system is, and that's the system that's used by the circus, and so she is here to talk about the evidence that she's reviewed of the circus, the techniques that they use, and why those techniques are harmful to elephants. And her expertise flows from her development of an alternate system for managing elephants, which, as she said vesterday, would require, you know, us to rethink the circus if you're going to use those alternate systems, but her testimony is really focused on what the traditional system is and why that's harmful to elephants and why as a result of that she develops an alternate system, so the focus is really on the circus and what the traditional training does to the elephants, and why that prompted people to take a step back and look at how those animals are trained and whether we need to be doing something different with them in the zoological community. THE COURT: Right. I'm not going to reach those

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issues about whether or not the circuses should do something different. My focus is on whether or not the activities that are currently undertaken by circus personnel constitute a "take" in the meaning of the, you know, the Endangered Species Act, so again, what's the relevance of this?

MS. SANERIB: The relevance of it is because, as you know she described yesterday, she has a master's in psychology

and studied animal behavior, so she understands the basic premise of animal training, and so she can really help your Honor understand as a basic system how does that system, free contact training of elephants, operate, how does it work? And her expertise really flows from --

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THE COURT: That's what troubles me. She said the free contact system will never operate in the traditional circus environment as we understand that environment to be as Ringling Brothers operates today. I mean, that's the environment that's before me, you know. It's not my job, it's not my focus to say from this day forward you have to do things, the environment has to change. It may well be that the utilization of certain methods, chaining and use of hooks, etcetera, rise to the level of a taking, and maybe they have to be monitored, but I just don't -- I think this is getting beyond the kin here, you know, of what I'm really supposed to be focusing on.

MS. SANERIB: I guess I have two responses to that, and the first that is Ms. Laule's opinions are going to be about the circus, the techniques that they use, what the implications of those techniques are for elephants.

THE COURT: You mean so far as the use of the bullhook and chaining?

MS. SANERIB: And chaining and the extent in which the circus engages in those activities and what means for those animals.

And the second thing, I think that defendant is making a really significant argument to your Honor that if you rule in any way for the plaintiffs in this case, you're going to be ending all elephants in captivity, and I think part of one of these things, these --

THE COURT: I'm not so sure that's necessarily the case at all, but I don't have to address that right now. What if I did rule for the plaintiffs, would that be the end of the circus as we understood it? No, I don't think so at all, but I'm not at that point now.

MS. SANERIB: We'd like to have some information on the record, though, that shows there are very different ways of working with animals in captivity, and you were just saying if you rule for the plaintiffs in the case, that doesn't necessarily mean there's implications for other facilities that have captive elephants, but I think defendant has talked about what the standards are in the industry, what implications from a ruling from this Court are, so we'd like to inform your Honor about what is going on within the captive elephant industry to a certain extent and do that through the context of our experts' particular opinions about the circus when the evidence that they've reviewed from their knowledge and their background in training elephants, working with elephants, and just ask for their opinions about what the circus is doing.

THE COURT: Well, the thought also occurred to me

1 you're asking for what, declaratory judgment relief and what, 2 injunctive relief? 3 MS. SANERIB: That's correct, yes. 4 THE COURT: All right. So does this come under the 5 balancing of harms prong? 6 MS. SANERIB: I think. 7 THE COURT: In other words, the harm to the plaintiff, I mean the harm to the defendant if hooks and chains rise to the 8 level of a "taking," the harm to the defendant that defendant 9 complains of, that is, the ending of the traditional circuses, 10 is ameliorated because there are what, alternative methods to 11 training elephants in nonconventional circus environments? 12 13 MS. SANERIB: Well, I actually think that defendant has said in their proposed findings of fact and conclusions of 14 law that of they can't use the bullhook and they can't chain the 15 elephants, that they won't be able to care for them. 16 Right. And that goes right to harm. They 17 THE COURT: argue they'll be out of business, and I'm just thinking, 18 wondering whether or not this particular issue goes to the harm. 19 Indeed they won't be out of business. It just means you have to 2.0 maybe redefine a way in which you do business. I don't know. 21 MS. SANERIB: I think it definitely comes into play 22 23 there.

MS. SANERIB: In balancing of the harms, yes.

THE COURT: It goes to the harm.

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And I think the other place it comes into play is when you're looking at those official defendants' harm and harass, if you look at the definition of harassment, that definition particularly makes reference to standards within the industry and what's generally accepted within the industry, so I think it's very important in determining whether or not these animals are being harassed by the way in which the circus maintain them, which the plaintiffs assert they are being harassed. It's important to look at what the industry is doing as a whole and whether what the circus does is industry standard or whether it's something more extreme than that.

THE COURT: Maybe the answer is maybe some of her testimony is relevant insofar as the harm associated with the way in which circuses train elephants now utilize the hooks and chaining. I don't know, maybe it stops there, but this alternative issue, I'm not so sure that's relevant at all.

Mr. Simpson or Mr. Shea?

MR. SHEA: Yes, your Honor. Your Honor, taking those points in order, I think we established yesterday that she's never worked for a circus, never has trained an elephant in free contact, admitted that she saw FEI's practice, has never seen FEI's practices herself, either free contact or protected contact, except through the film snippets given by the plaintiffs' lawyers in this case, and did admit that free contact, if it goes away, that the circus could not be

conducted.

As to the behavior testimony from her, so we agree her testimony is irrelevant. Also, as to behavior, we say that testimony about what I just heard is cumulative. We've already had behaviorists: Dr. Hart, Dr. Poole, and Dr. Clubb, and their testimony has already been before the Court and they're all animal behaviorists, so we say that that part of her testimony would be cumulative.

The point about elephants being in captivity or not, you know, that's irrelevant here. We're talking about a taking of these elephants at issue by what defendant is doing, and she's already said she doesn't have firsthand knowledge of that, and has not worked in the circus industry and has not worked in the circus training an elephant or even trained an elephant with free contact and not trained an elephant of any kind of performance, so we believe her testimony again is irrelevant.

And as to balancing of the harms, I mean, we've already heard you can't conduct a circus in her opinion without free contact, so that's already in the record, and as so far as what the industry is doing as a whole and harassment, your Honor, again, without her knowledge of what FEI is doing today, I don't see how that fits. I would say it's irrelevant.

THE COURT: Counsel, the cumulative issue, I had not gotten to that. What about that? I mean, we've heard an awful lot of testimony already from animal behaviorists about the

harm, so wouldn't her testimony be cumulative to what I've already heard? Am I going to learn something new?

MS. SANERIB: Yes, I believe you will learn something new.

THE COURT: What's the proffer?

MS. SANERIB: The proffer is her expertise really is in animal training, so how animal training is designed to manipulate an animal's behavior.

THE COURT: She's not trained an elephant, though?

MS. SANERIB: She has trained elephants, but not for a circus, that's right.

Your Honor, I would just like to take a step back for one second on that point. There's not a lot of people who leave the circus and want to talk about how it's done in the circus, so to hold plaintiffs to that standard for all of our experts have to come from the circus industry, that's a high standard. I think this woman testified yesterday she's worked with sixty or seventy captive elephants, so she knows elephants. She's worked in a lot of institutions that use free contact, she can tell by looking at an elephant and its interactions with its handler how that animal has been trained. And if it's free contact training methods that are used, she can explain to you why that's so harmful to those animals based on how those trained — how the training methodology works, how it's designed to work, how it uses negative enforcement, how it uses

punishment, and why that is so harmful to these animals.

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THE COURT: Even though she's never trained an elephant in a circus setting?

That's correct. That's what she studied MS. SANERIB: with her master's degree. That's what she does when she works every single day when she works with elephants, she's converting them to a different system, so she's taking elephants that have been trained using negative re-enforcement, using punishment, and she's taking them to a new system. She doesn't have to focus on that new system, but in doing that she can explain to your Honor the harm of using a system based on negative reenforcement, which is what the circus does, and it's very relevant to our case. She can tell us by looking at video footage, and a lot of behaviorists, I think other experts in this case have already testified, looking at video footage is a very common way of assessing an animal's behavior, what's going on in that situation. She can do it by her observations. don't think that every single one of our experts had to go to those inspections to be able to render an expert opinion in this case.

I think the other point I wanted to respond to that Mr. Shea raised is, you know, it's not cumulative, because these experts all bring a different point, they all have a different perspective on animal behavior. Dr. Clubb had really looked at abnormal behaviors that developed from confinement in captivity.

Ms. Laule really knows animal training and how you manipulate an animal's behavior and what those ramifications are for her. The publications that we used to establish her credentials talk about the role of fear in abnormal behaviors and some of the implications of using these negative re-enforcement schemes with animals in captivity on their behavior, what that means for those animals, so I think it's highly relevant here, and it's different, it's different from what the other experts have been talking about.

THE COURT: Anything else, counsel?

MR. SHEA: Yes, your Honor. Just briefly.

If the proffer is how animal training is done, I think we show she has experience only with protected contact training, not free contact training, and it's not only in circuses but also in zoos. She's not trained an elephant in free contact period, as I understand it, and she has not done so in a zoo, and thus she has no experience in doing that, which is what is at issue this case.

Also, your Honor, just how you, if I understood counsel to say she's an expert in how you manipulate an animal's behavior, but that's only in her system, the one that she is marketing in her business, which is protected contact, pure protected contact system, put them behind a barrier, don't work with them through the ankus, do not take any dominance position, do not adopt any kind of dominant tone with the elephant, wait

on the elephant to respond, that is very different than free contact, and we believe, your Honor, that again, it's irrelevant, and to the extent it's about general elephant behavior, we've had hours of testimony about that and how the elephants fair in captivity.

THE COURT: Anything further? Last word. Next to last word anyway.

MS. SANERIB: All right. Just one quick point, your Honor, and I think that Ms. Laule explained this yesterday to a certain extent.

In order to develop an alternate system, and we don't need to talk about that alternate system, but in order to do that, she said she spent a significant amount of time talking to, working with free contact elephant trainers understanding how that system works. She was an integral part of that community, she developed training documents, other information, worked very closely with people who work in free contact, had a very significant understanding of that system, how it worked, and that it was the only way she could develop an alternative, so we don't have to talk about the alternative, but that is her background and that's how she came to develop the alternative, was through working very closely and having a very, very solid understanding of free contact.

THE COURT: All right. Counsel, I've just about finished reading the relevant portions. I need about five more

1 minutes. I don't want to sit up here and read it and listen to 2 the testimony, I don't want to do it, so let me just take five, 3 six minutes and read what I need and then I'll rule on this 4 issue. 5 You have one other expert who is going to be called 6 today? 7 MS. SANERIB: Yes, that's correct. THE COURT: Who is that person and that's that person 8 9 going to testify about? MS. SANERIB: Your Honor, her name is Colleen Kinzley. 10 She's the general curator at the Oakland Zoo. She has worked 11 with elephants for about twenty years in captivity. 12 13 THE COURT: So why wouldn't her testimony be cumulative to this witness' testimony if I allow this witness to 14 15 testify? MS. SANERIB: She has, Ms. Kinzley has practical 16 experience working with elephants. 17 THE COURT: She's trained elephants? 18 She's trained elephants, she's taken MS. SANERIB: 19 care of their feet. 20 THE COURT: In a circus setting? 21 Not in the circus setting, in a 22 MS. SANERIB: zoological setting, but she, having worked in the zoological 23 industry, has worked with a lot of trainers, spent a lot of time 24

around them, done a lot of inspections of the circus over the

years, and she's provided hands-on of elephant feet, seen the 1 2 ramifications of chaining overnight, used a bullhook, 3 participated in breaking baby elephants, so she has a lot of 4 very relevant testimony about that. 5 Ms. Laule really explains the sort of methodology. Her master's degree was based in animal training, how you 6 7 manipulate behavior, what that means for the animal. 8 Kinzley will talk to you about having done it herself and her 9 practical experience working with these animals in captivity. Her review of the evidence, participation in a Court-ordered 10 inspection at the CEC, and what her opinions are in the case. 11 THE COURT: She did participates in the Court-ordered 12 13 inspection? She participated at the one in Florida 14 MS. SANERIB: at the Center For Elephant Conservation. 15 THE COURT: I'll let you speak to her qualifications 16 at the appropriate time. Just give me five minutes. Let me 17 finish reading the transcript from yesterday. No need to stand. 18 COURTROOM DEPUTY: This Honorable Court now stands in 19 a brief recess. 20 (Recess taken at about 10:45 a.m.) 21 COURTROOM DEPUTY: Please remain seated and come to 22 23 order. (Back on the record at about 10:49 a.m.) 2.4 THE COURT: All right, counsel, you can call your 25

witness. Get right to the relevant points, though. MS. SANERIB: Okav. THE COURT: And focus her testimony on the training methods now, the harm now. I'll allow some leeway with respect to the alternative, but the alternative, I query whether that's really germane to the issues before me, but I'm interested in I'll give whatever weight that is appropriate, if her views. any, when I address the merits and resolve the merits in this case. I will allow her to testify subject to objection and subject to relevance and make a determination of weight later. MS. SANERIB: Thank you, your Honor.

THE COURT: Good morning.

THE WITNESS: Good morning.

THE COURT: You're still under oath. You can have a seat.

Counsel, proceed.

GAIL LAULE, WITNESS FOR THE PLAINTIFFS, PREVIOUSLY SWORN

DIRECT EXAMINATION

BY MS. SANERIB (continuing):

- Good morning, Ms. Laule.
- Α. Good morning.

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- When we left yesterday we had talked just a little bit about animal training, and I'd like to you explain to Judge Sullivan what the premise is behind elephant training.
- Okay. It's based on operant conditioning, and operant Α.

conditioning is defined as a type of learning in which the likelihood of the behavior increasing or decreasing, or occurring again, is based on the consequences that follow it, and there's really three consequences that operant conditioning defines: positive re-enforcement, negative re-enforcement, and punishment. Positive re-enforcement and negative re-enforcement make it more likely the behavior will happen again. Punishment makes it less likely.

MS. SANERIB: And Ms. Sinnott, could we call up Plaintiffs' Will Call Exhibit 81?

Your Honor, this is a comment letter. We can see it on the screen here, it's signed by defendant's vice president of government relations. It was submitted to the USDA on behalf of defendant and several of defendants' experts in this case, and I move its admission as a party admission.

THE COURT: Any objection?

MR. SHEA: None.

THE COURT: Admitted.

(Plaintiffs' Will Call Exhibit No. 81 was admitted

into evidence at about 10:52 a.m.)

MS. SANERIB: May we go to page seven of this exhibit,

please?

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BY MS. SANERIB:

Q. Ms. Laule, you see there's a heading there that says Handling. And in the paragraph you'll see it says the

cornerstone. I believe it's -- go down one more paragraph.

Yes, that paragraph. If we can blow that paragraph up. And then there's the last sentence in that paragraph says the

cornerstone. Can you please read that?

- A. The cornerstone, however, of all modern animal handling and the basis for most training of performing animals is behavioral modification technique of operant conditions.
- Q. Thank you very much. So what does this indicate to you, this statement?
- A. Well, that the training, methods, and system that's being used in handling circus elephants is exactly the same system that's used anywhere else with elephants.
- Q. And can you describe for the Court how this system of operant conditioning is used with circus elephants by Ringling Brothers?
- A. Okay. So basically operant conditioning has three substeps to it. We give the animal a cue or a command or a stimulus which tells them what we want them to do. Then the animal actually performs the behavior, and then there's the consequences that follow that I just mentioned previously, so you need an example?
- Q. Yes.

- A. Let's say we want the -- I'm going to use an example of a different animal, perhaps, or do you want me to use an elephant?
 - Q. Let's use an elephant.

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Α. So I want the elephant to move from this one room to another room, okay, I want them to move from A to B. I would, if I'm going to use positive re-enforcement, the first option I have, I would open the door, I would say "move over," and then the animal would move over from A to B, close the door and then give them a reward, give them some carrots or apples or, you know, something the animal likes, something positive. wanted to do the same behavior and use negative re-enforcement, the elephant is in Room A, I would open the door, I would then take my bullhook, put it behind the elephant's ear and ask them to move over. Okay. The bullhook is something that the animal has learned has pain and discomfort associated with it. If I push hard, it's going to hurt, so the elephant knows that, feels that hook, moves forward into Area B to escape or avoid that negative re-enforcement, close the door. I've now gotten the behavior I want, which is the animal moves from A to B, but it's occurred through negative re-enforcement, not positive re-enforcement. And then, yes, so that's how I would increase, that is how I would get that behavior using operant conditions. What if you applied the bullhook to the elephant and the elephant refused to go into the room, what would happen? That's where it's important to understand how the system of Α. free contact works with elephants, because in a positive re-enforcement system like I use with protected contact, my system is based on voluntary cooperation. That animal has the

choice whether to cooperate or not. If he doesn't, there's no 1 2 negative consequences except for a very -- I could use 3 something, a very, very mild form of punishment called a "time 4 out." That's my only option I have available, but what I do, 5 but I don't want to use that too much, so my job then is to try and find a way to make it worthwhile for that animal to move 6 7 using my positive techniques. In free contact -- oh, and I'm 8 sorry. The other thing that's really important is, in protected 9 contact, I am not part of that elephant's social system. 10 outside that system. I am not worried about being dominant. 11 I'm not worried about maintaining 100% control because I'm safe, I'm outside the space where that elephant is. In free contact, 12 as the trainer, I am dominant over that elephant. I need to 13 maintain that dominant position, which means if I ask the animal 14 to do something, I have to make sure they do it because if he 15 doesn't, then that's eroding my control which potentially erodes 16 my safety, so I'm going to have to either use that hook harder, 17 or the other thing about a bullhook is also designed so I can 18 literally hit the elephant too. I can apply physical 19 20 punishment. The punishment says no, do not do it, and then the hook says, yeah, do it, move this way. 21 22 Can you further elaborate on that, what you were just saying about the hook says do it and the punishment says yeah, 23 24 don't do it?

MR. SHEA: Objection; vague.

THE COURT: If you can further elaborate. I don't know, can you?

THE WITNESS: Well, I'm trying to think what else is a part of that.

There's the safety part of it, there's the fact that the compliance has to be complete, and that's my basic tool for making that happen, and because the animal has that history of knowing what that hook is, what then I have that — they understand that pain and discomfort is going to happen, okay, if I have to use that in varying degrees, and that I also have the option of actually using physical punishment as well.

BY MS. SANERIB:

- Q. And when does physical punishment come into play?
- A. Well, that should be the last step. Unfortunately sometimes it's used earlier than it should, but that's basically the step that says you have to do it, you know, because I have the power to inflict physical punishment on you. Because I'm the dominant one here and I must -- I have to get that compliance.
- Q. Ms. Laule, do you know what Animal Keepers Forum is?
- A. Yes. It's the journal that's put out by the American Association of Zoo Keepers.
- Q. And are you familiar with that publication?
- A. Yes. I've actually published in that as well.
- Q. What kind articles generally appear within that

publication?

A. There are articles from zoo keepers, so they have a lot to do with various aspects of zoo keeping, and probably in the last ten years there have been more articles, ten to fifteen years, using training operant conditions with zoo animals as well.

MS. SANERIB: Ms. Sinnott, I'd like to call up Plaintiffs' May Call Exhibit 30, please.

MR. SHEA: Your Honor, we object to this.

THE COURT: What's your objection? How do you want to use this?

MS. SANERIB: Your Honor, I just wanted to show Ms. Laule it's an article that appeared in this edition of Animal Keeper Forum. It's written by an elephant keeper and he explains punishment and how it's used.

THE COURT: And that's being offered for what?

MS. SANERIB: It's being offered for the truth of the matter. We think it comes in under Rule 80316 as an ancient document. It was put out in July 1978. The keeper wrote it for a journal that went to all of his peers. He had no reason to be lying when he wrote it.

THE COURT: That's ancient, 1979?

MS. SANERIB: Twenty years. Twenty years is the standard to an ancient document. I don't think it applies to humans.

THE COURT: What do you have to say to that? Is that

ancient? I hadn't thought about that.

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MR. SHEA: No. Under 80316, your Honor, the plaintiffs have to establish the authenticity of this. This is part of the 1979 document. It's remote in time. Mr. Roberts, we don't know who he is. This is irrelevant as to FEI's policies or training, and plaintiffs can't establish the authenticity of this document through this witness. So it doesn't come in, it's rank hearsay, and it's irrelevant.

THE COURT: I don't think it qualifies as an ancient document, does it? Do you have some authority on that twenty years old?

MS. SANERIB: Over twenty years old. As to authenticity, defendant didn't raise an authenticity objection to this document in our objections.

THE COURT: What objections did he raise, relevance and?

MS. SANERIB: Hearsay.

THE COURT: Well, it is hearsay, unless it qualifies as an exception, and an ancient document would be an exception. But you say it's over twenty years. It's 1979, it's not over twenty years. It may be twenty years. I don't know.

MS. SANERIB: 1979.

THE COURT: I'm sorry.

I'll provisionally allow it. That's subject to some points of authorities, but I want the testimony, so I'll allow

the questioning over objection.

MS. SANERIB: All right. Thank you, your Honor. BY MS. SANERIB:

Q. And I'd just like to in this document flip to the third page of the exhibit.

And this is hard to read so if we can blow up the seventh paragraph.

Ms. Laule, if you could just read this for the Court.

- A. The elephant must fear punishment and discomfort, and I repeat this, for if you don't chastise when necessary, then some day she will get you. The reason would be that she did not respect you. More handlers have been maimed or killed by elephants than any other animal in the zoo (or in circuses without the attendant publicity) and the reason was, the elephant had no fear -- fear of punishment -- from her handler and trainer.
- Q. And Ms. Laule, what does this indicate to you?
- A. Well, it's really exactly what I just said. That is what the system is based on, that you have to establish and maintain social dominance, and because we're really small and they're really big and this is a wild animal and it's simply not natural for a wild animal like that to accept a person as being the alpha in their particular social hierarchy, so we have to use these methods to establish and maintain them.

MR. SHEA: Your Honor, we object to the relevance of

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this testimony. It concerns 1979. It doesn't concern FEI's methods.

THE COURT: All right. Overruled.

BY MS. SANERIB:

- Q. Ms. Laule, in your opinion, is working with elephants dangerous?
- A. Yes, it is.
- Q. Has an elephant ever killed a handler?
- A. Yes, there's been many cases. In fact, when we started protected contact in 1991 it was twofold, like I said, but the first issue was the fact that people were being hurt and killed by elephants.
- Q. Can you describe an incident in which an elephant killed its handler?
- MR. SHEA: Objection, your Honor. This is still irrelevant. This doesn't have anything to do with the taking of the seven elephants at issue as alleged.

THE COURT: I'll allow the testimony over objection.

THE WITNESS: Well, I think there's been, like I said, many cases of it. The one that happened in the circus situation that also got a great deal of publicity was Tike, the elephant in Honolulu that killed her handler during a performance. Sadly she than rampaged out of the facility, was ultimately tracked down and shot and killed.

BY MS. SANERIB:

- Q. And what are the implications of this safety issue for a person working with an elephant in free contact?
- A. Well, the implications are that you always have to be so careful and so diligent about maintaining your position so the elephant does respect you enough that that's what you are relying on to keep you safe.
- Q. And does it influence the handler's decision-making?
- A. It has to. I mean, it's your own safety that's at stake here and that's the unfortunate part of the system that's used with elephants in circuses and in zoos that we call free contact, is because you are in that position and you have these tools available to you of negative re-enforcement and physical punishment and it becomes a subjective decision as to when to use it and how much to use it.
- Q. And Ms. Laule, I'd like to go and talk directly about some of the evidence that's been through the things you reviewed in this case. In your opinion, having reviewed some evidence in this case, how does Ringling Brothers --

THE COURT: What did you review?

THE WITNESS: I looked at videotapes and written records, papers, documents, things that were provided. You know, I guess that covers it.

BY MS. SANERIB:

Q. And having looked at all those materials, in your opinion how does Ringling Brothers train its elephants?

A. It's no doubt to me they use free contact methods. Exactly the same methods that I encounter in every other system that I've been in uses free contact.

MS. SANERIB: Ms. Sinnott, can we go back to Plaintiffs' Will Call Exhibit 81, please?

BY MS. SANERIB:

Q. Again, this is the contact letter from Feld Entertainment and other traditional handler. If we can look at page eight of this exhibit, and I'd like to look at the first paragraph there, just the last sentence.

You can highlight the whole paragraph.

If you could read that last sentence for the record.

- A. Similarly, negative re-enforcement and discipline are tools which ultimately protect the animal and the individuals working with the animal; by rewarding good behavior, and discouraging and eliminating unwanted behavior, the animal's life is enriched and safer.
- Q. Do you agree with this statement about negative re-enforcement and discipline?
- A. Well, I agree about the statement that it protects the individual, but I don't agree that it protects nor enriches an animal's life.
- Q. Why do you say that?

A. Because it's the animal, in this case the elephant, that's being put in this, as I said, rather unnatural circumstance to

1 look to a person as being dominant, and negative re-enforcement 2 and discipline are adversive stimuli. I can't imagine an 3 elephant would choose to have those things applied to them. 4 Ms. Laule, if Feld stated that it uses reward and 5 repetition to train its elephants, what significance does that 6 have to you? 7 Those are simply words I would apply to any learning 8 They're not operant conditions terms that define a 9 system. I mean, everyone, animals, people, like to learn 10 through repetition and there's always some reward, whether it's 11 negative re-enforcement or punishment. As I said, that's why 12 behaviors, you know, happen again, so those are descriptive words but they don't describe specifically the system that's 13 being used. 14 15 And I'd like to show you a little bit of video footage, Ms. Ο. 16 Laule. 17 Ms. Sinnott, could you could please play -- this is 18 Plaintiffs' Will Call Exhibit 139, and it's 45 minutes and 9 seconds to 47 minutes and 8 seconds. 19 MR. SHEA: I'm sorry, your Honor. We may have an 20 21 objection to this. No, this is 139. That's correct, and this is -- go ahead. 22 MS. SANERIB: 23 MR. SHEA: Exhibit, please? MS. SANERIB: And it's from 45 minutes and 9 seconds 24

to 47 minutes and 8 seconds. And this is video footage that

Feld produced in discovery to plaintiffs.

MR. SHEA: There's no objection, although the time frame is different than what was on the 72-hour notice.

THE COURT: I'm sorry, there's no objection?

MR. SHEA: There's no objection.

THE COURT: All right.

(Video played.)

THE COURT: Go right ahead.

BY MS. SANERIB:

- Q. Ms. Laule, as we play this footage, if you can describe for the Court what you're seeing.
- A. Okay.

Q. Thank you.

(Video playing.)

A. Well, the first thing is that it's clearly a free contact context. The people are in with the elephants. They're using the bullhook to move the animals forward. You'll notice she just gave the little elephant on the right a reward, a food reward. She apparently has some treats in her pocket there. I would say this training is fairly far along. I mean, these animals are — this is what I would consider to be pretty difficult behavior, so obviously these animals have been working on this for a bit so you don't see so much direct interaction between the person and the animal because the animal already knows what they're being asked to do and they're, particularly

1 the one on the right, is fairly confident at it. The one on the left is having a little bit more problems. I notice the 2 3 gentleman who is training the animal on the left, there's no I don't hear any -- he's talking to the elephant. 4 food reward. 5 There's no particular verbal praise, there's no tactical -- I 6 don't see any other positive re-enforcement going on, but, you 7 know, would I call this a fairly benign session, though, because you don't see the hook being used, you know, to a great degree. 8 And what kind of, overall what kind of re-enforcement would 9 0. 10 you say is being used to train these elephants? It's pretty much the traditional form, you know, like I 11 said, I saw one treat handed out. I mean, this is a difficult 12 behavior. If I was training this animal, it would be having --13 I would have a big bucket of food there and the animal would be 14 getting a lot a lot of re-enforcement for this. 15 MS. SANERIB: And your Honor -- you can stop this. 16 Your Honor, I move the admission of Plaintiffs' Will 17 Call Exhibit 139A, which is what we just watched from 45 minutes 18 19 and 9 seconds to about 47 minutes and 8 seconds. 20 THE COURT: All right, it's admitted. 21 MS. SANERIB: Thank you. (Plaintiffs' Will Call Exhibit No. 139A was admitted 22 into evidence at about 11:10 a.m.) 23 24 BY MS. SANERIB: 25 Ms. Laule, what is a hook boil?

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- I'm sorry? Α. 1 2 What is a hook boil? Q. A hook boil? 3 Α. 4 Q. Yes. It's a wound that occurs when hooking has been excessive 5 Α. enough that the skin is broken a boil can form. 6 7 8 9 10
 - And have you ever seen those types of wounds?
 - Actually I have not actually seen boils. I've seen what was probably the result afterwards. I've seen -- I've seen many hook wounds, but not specifically a boil.
 - Would you say that a boil is more significant than a hook wound?

MR. SHEA: Objection; calls for speculation.

THE COURT: Do you have an opinion about that?

THE WITNESS: I would say that that is pretty -- yes, that would be more extreme.

BY MS. SANERIB:

- And if the record in this case shows that Feld's elephants have hook boils several times a month, what's your opinion about that?
- Objection; assumes facts not in evidence; improper hypothetical.

THE COURT: I'll allow it.

You can answer it.

THE WITNESS: Yeah. I mean, that's one thing I would

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look for in evaluating how much and to what degree a bullhook is being used on these elephants.

BY MS. SANERIB:

- Q. And if the record shows that bullhooks are routinely used on the elephants, what's your opinion about that?
- A. I would say that, number one, it's very much consistent with free contact techniques, that is, that is the primary tool in free contact, and that because of that, you can assume the animal is functioning in the system that uses negative re-enforcement and physical punishment.
- Q. And what does that mean for the elephant?
- A. What it means for the elephant is that to a great degree their choice and control in not only the context of just a straight training session, but overall, the choice and control that an animal has in that situation is greatly diminished because, back again we have to maintain, you know, complete compliance and the fact that the trainer has to keep themselves safe, you know. One of the things that when I was having many discussions about free contact with folks that I was teaching the school with, they kept saying, you know, we have to control all these factors around this elephant. You know, something that I would never do in the system that I use, and that has an impact on an animal's life and the choices they're able to make, the control they can have in any situation which directly, you know, goes to diminishment of welfare.

And I'd like to show you a couple of video clips. This is Q. 1 2 a clip that's been already admitted into evidence. Plaintiffs' Will Call Exhibit 132H, and as we play this clip, if 3 you can just describe for the Court what you're seeing in the 4 5 footage. 6 MR. SHEA: And what is the time mark on that, counsel? 7 I apologize. The time mark on this is 17 minutes and 8 MS. SANERIB: 7 seconds to 17 minutes and 56 seconds. 9 MR. SHEA: Your Honor, we object. I have 132H as 17 10

MR. SHEA: Your Honor, we object. I have 132H as 17 minutes 8 seconds to -- well, I'm sorry. I withdraw the objection.

THE COURT: All right. It's admitted.

(Plaintiffs' Will Call Exhibit No. 132H was admitted into evidence at about 11:13 a.m.)

(Video played.)

BY MS. SANERIB:

Q. Okay.

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A. Well, again, this is obviously a free contact situation.

The people are directly in the same space as the elephant. You see him using the hook there to move the elephant over.

Apparently he didn't want her going in that direction so he uses the hook to pull her over. You notice that she responded, and then apparently it was okay for her to be standing the way she was afterwards. He still has his hook with him as he's moving

around the other elephants.

Q. Could we show that clip again?

And Ms. Laule, can you describe the elephant's reactions.

(Video replayed.)

- A. You know, she immediately responds. He's put the hook behind her. He's asking her to move towards him, which she immediately does. You know, I have to say this is a little bit confusing to me because I can't kind of figure out what the man wants from the elephant. You know, I mean, he pulls her over and then just sort of walks away, so from a training perspective it's a little bit confusing, but clearly at that point he was asking her to move or telling her to move back in this direction, and she was doing so.
- Q. And could we show a clip from, it's Plaintiffs' Will Call Exhibit 132G. This was already admitted into evidence. And the time stamp for this one is 1457 to 1541, and if again you can just describe for the Court what you're seeing as the footage plays?

(Video played.)

A. So you notice again everyone has their bullhooks there.

This elephant is having her head dress put on. You notice her head slowly -- I had to watch this many times. Her head was sort of slowing coming down. He wants her to pick it higher so he hits her with the bullhook under her chin. She moves upward,

which is what the correct way to respond to that bullhook. It's a little, I mean, it's concerning to me that I -- well, I can't hear, but it didn't look like she had any chance prior to being hit to actually respond. Now he's standing there. I don't know why he hit that elephant, but clearly he was telling her not to do something, and I think that just the way I see him moving around the elephant and to do something like that, he's, you know, reminding her I'm here and I'm in charge.

- Q. And what are the implications of this type of use of the bullhook for the elephants?
- A. Well, it certainly continues to remind them that this is what the bullhook is for and this is how it works. Also, to me, in both those cases -- well, no. I'm sorry. The first case he was actually asking her to move her head specifically. In that case the only thing I could figure out, I noticed earlier in the clip she was kind of playing with her chain that was on the ground or there was something on the ground, and again, like I said, a lot of this has to do with controlling circumstances around things, and so the best I can figure is he was saying, you know, I'm in charge, I am the dominant one here and don't do that.
- Q. And so that's an elephant's natural behavior that's being impacted by the system?
- A. Certainly. I mean, elephants are curious animals. I mean, they use their trunk that way, to touch things, to move things,

to pick things up, and again, the problem with the system is it's also the trunk which is one, I mean, it is the most dangerous appendage as far as a person. You can get grabbed, you can get hit by it, you can get knocked down by it, so it becomes this -- this very difficult situation, I have to control with this hook -- excuse me -- what this trunk does, you know, because it's potentially dangerous to me, but at the same time you're taking away a lot of what that elephant just normally naturally does with her trunk.

Q. And you've mentioned a lot the elephant knowing what the

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Q. And you've mentioned a lot the elephant knowing what the bullhook is. How are elephants taught with the bullhook is?

A. Well, a bullhook, you know, we can look at it and say, oh, it's got some sharp points on it, that's a dangerous thing. To an elephant who doesn't -- has never experienced a bullhook, it's simply a neutral object, so if I'm going to use it as a tool to manage an elephant in a free contact system, I have to establish that tool and make it very clear to the elephant what this tool represents and what it does, and so what I have to do is teach that animal it means pain and discomfort, so I'm going to have to pair that experience, the hook comes, you feel it, it hurts, okay, so that the animal learns to then react appropriately, which is when I feel this hook behind my leg, I then move my leg forward to escape from that pain.

THE COURT: Do they ever act inappropriately, lash out?

THE WITNESS: Yes. Yes, they do, which is when people often times get hurt, yes.

So that has to happen initially, the animal has to be taught this is what this hook means, this is what it feels like, this is what it can do to you. And then what you hope is that your system then functions with the animal understanding it and trying to avoid that as much as possible, and, you know, to a great extent it does that except that you cannot allow them not to do things. You're always going back, you have to get that compliance.

BY MS. SANERIB:

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- Q. And could you tell by looking at these elephants on the video footage that they've been trained with the bullhook?
- A. Oh, certainly, yeah.
- Q. How can you tell that?
- A. It's the way they react. I mean, like I said, as soon as that hook came here, the elephant moved that way, came to, you know, underneath the right here by the right cheek. She moved to the left, which is exactly appropriate. She responded appropriately to that bullhook. When he hit that elephant underneath her chin, she moved her head up, you know, and when he hit the elephant on the trunk, she stopped what she was doing.
- Q. And Ms. Laule, I'd like to talk to you just a little bit about the chaining and confinement of elephants. In your

experience, how are elephants maintained at night?

- A. Well, I know in the zoo situation AZA there has been a very, very concerted effort over a number of years now to reduce the amount of chaining to minimal. I'm not aware of, and I can't say this for certain, but I am not aware of any facilities, AZA zoos anymore that chain their elephants overnight as -- well, there may be one or two, okay. The majority of them, let me put it that way, the vast majority no longer use chaining as a means of maintaining animals for housing or for social management, which means keeping them on chains for extended periods of time, but chaining is used for very short periods of time for administering veterinary care or if you need to do something where the animal needs to be temporarily restrained.
- Q. And what's your opinion about how long an elephant can be chained?
- A. Well, obviously this is relatively arbitrary, but in thinking about what are the situations where restraint, and that's what chaining is, is restraint, is necessary in the course of the daily life of an elephant, and I think it's pretty reasonable to say that if you can limit chaining to two hours or less, you should be able to achieve anything you would need to do for that animal in terms of husbandry, veterinary care, facility maintenance, you know, whatever things need to be done where that animal needs to be restrained under those conditions.

Q. And in your opinion is it acceptable to chain an elephant overnight?

- A. I don't believe that it is appropriate or acceptable to use chaining as the primary means of housing an animal overnight. These animals are not like us, and like so many other animals where when the sun goes down, they go to sleep and they sleep the whole night, these animals have a behavior pattern that is active and inactive throughout a 24-hour period of time. So basically what you're doing is you're restraining those animals very, you know, you're talking about a small amount of movement that animal is allowed to do. For a significant amount of time they would normally be up and moving about and active.
- Q. If the record in this case shows that the defendants' elephants are chained on a train, the elephants that are traveling on the road are chained on the train for an average of 25 consecutive hours a week, and for the time they're not in the training they're chained overnight, what's your opinion about that practice?
- A. I think that's extremely excessive and has a very detrimental impact on the animal's welfare.
- Q. What's your basis for saying that?
- A. Because chaining is restraint, and just the simple fact that those animals are being denied the opportunity to move, which is a completely natural thing for an elephant to do, when they're restrained that way they cannot socialize naturally.

They only have access to the animals that are in close proximity to them, they can't explore their environment, they can't even change positions, you know, beyond some very minimal movements, so you really are significantly impacting that animal's natural species typical behaviors.

- Q. And if the record in this case shows that the elephants that are at Ringling Brothers Center For Elephant Conservation are chained from 13 to 16 hours a night, what is your opinion about that practice?
- A. That is exactly the same.

And I think I would add, too, that, you know, there's pretty much agreement that restraint is a stressful experience, you know, for any animal, and obviously we spent a lot of time helping them to be comfortable with that, but there's still something so unnatural about restraint that it's stressful, and when you talk about leaving animals in that sort of stressful situation for that long a period of time, there has to be negative impacts.

Q. In your opinion -- and I want to just go back to the bullhook and ask a couple of follow-up questions. You were just talking about stress to the animals. Is use of the bullhook stressful?

MR. SHEA: Objection; leading.

THE WITNESS: I would certainly argue that --

THE COURT: I'm sorry?

1 MR. SHEA: Objection, leading.

THE COURT: Do you have an opinion about that, the use of bullhooks and stress?

THE WITNESS: Yes, absolutely.

THE COURT: What is your opinion?

adversive techniques, and again, I think it would be hard to say that the use of adversive techniques is not stressful, and I'm sorry, and just one other thing is that the fact that the animal has to always avoid that tool to avoid those adversive techniques. I mean, that takes a lot of effort to always be aware of that and to make sure that you do something to avoid something bad happening.

BY MS. SANERTB:

- Q. And in looking at the video footage that you've reviewed for this case, how often do you feel the elephants have to avoid the bullhook?
- A. Well, certainly any time --

MR. SHEA: Objection; calls for speculation.

THE COURT: If she has an opinion she can tell us.

THE WITNESS: Certainly any time the trainer is present, if that bullhook is present then the animal has to be thinking about what does he or she want me to do, what does he or she not want me to do, and if I cross that line in the wrong direction, then I know what the consequences are.

BY MS. SANERIB:

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- And what does that mean for the animal? 0.
- I think they always have to be on their quard that there is a level of stress that occurs, that there is, I would say in my expert opinion of diminishment of welfare because of that, and certainly an impact on their natural, you know, behaviors.

THE COURT: Given the current environment of circus activity as we understand it, with your interaction with the public, trainers and animals and people riding elephants all under the proverbial "big top," what can a circus do otherwise to control these animals other than use a bullhook?

THE WITNESS: There is no other option, and that's why the system has been around for thousands of years. Because it started with Mahouts in the field growing up with an elephant and taking him to work every day, being directly in contact with him, and, you know, it's the same situation applied, and there just simply is not, it's like I said yesterday, the circus as we know it has to use those techniques. If you're willing to change the way a circus looks and, you know, the interactions of the people and have some sort of a barrier and know that you can protect the public, then you can go to less adversive techniques, but it would require that kind of a change.

BY MS. SANERIB:

And do you have an opinion about the circus as we know it and harm?

A. Yeah. I think that all the things that I've talked about, the stress on the animal, the use of adversive techniques, living within a system where that is a constant contact in that animal's life, the impact of the bullhook, the impact of chaining or restraint for extended periods of time, and the fact that these conditions do have a direct negative impact on the animal's ability to express her species' typical behaviors, but that would add up, yes, harm to the elephants.

MR. SANERIB: Your Honor, if you're interested, Ms.

Laule did bring a few photographs of protected contact if you
want to see what a system is, how it operates, what the barrier
is.

THE COURT: Sure, I might as well, subject to any weight that I give your testimony.

BY MS. SANERIB:

Q. Ms. Laule, you described protected contact a little bit yesterday. If we can show her photographs and if you can just describe for the judge how it works, show what is going on on the screen and what's going on with the photographs.

MR. SHEA: Your Honor, the objection is irrelevant.

THE COURT: Over objection, I'll allow it.

THE WITNESS: This is a bull. He's in his late 20s, and you see he's being managed there in protected contact. You see the barrier, which is the bars there. He's been asked to put his foot through the enclosure. You see the target playing

on the ground there. If I touch this will anything happen?

THE COURT: Yes.

THE WITNESS: There's a target laying there, a short one and then a longer one. It's just a bamboo pole with a little, you see that white on the end there that's actually some paper towel wrapped with tape, so it's a soft thing. He knows first to touch his head to it then he leans too much on his foot or whatever part of his body we need. So he's been asked to put his foot there, now they're doing some husbandry there. They're cleaning his foot. The gentleman who is kneeling in front of me, kind of facing through his legs there, a red bucket. That bucket is filled with food treats, cut fruits and vegetables, so he is actually re-enforcing elephants. So how the elephant's trunk is down there? He's actually feeding the elephant, treating the elephant while the guy is there, the second keeper is there working on his foot.

BY MS. SANERIB:

- Q. Can we go to the next photograph, please?
- A. And this is an elephant who is this keeper is taking a blood draw from the elephant from her ear. He's holding the syringe there. The needle is actually in her ear, and so what he has done, he has positioned the elephant in what we call a lean—in so the elephant is parallel to the bars, that puts her very close to him so he can have physical access to her whole body. He then asked for her to present her ear, so she put her

ear out there, that hole. You notice there's a large area there 1 2 where that ear can fit there, and she was obviously de-3 sensitized over many sessions to not be afraid of this needle. 4 You know, slowly paring it over and over and over again with 5 positive re-enforcement so she's not afraid of it so she knows 6 what she wants so she's willing to cooperate. He has a whistle 7 in his mouth. That's a tool we use. That's a way of saying 8 good, so he's telling her periodically good, you're staying 9 still like while I'm taking the blood. And you notice the trunk 10 in front is filled with cut-up produce. You see the trunk and 11 her mouth, he's probably just given her some food so she's actually being re-enforced while the draw is being taken. 12 13 Can we go to the next photograph, please? This again is an elephant who's asked to come into a lean-14 15 It's a very safe position because you can see

A. This again is an elephant who's asked to come into a leanin position. It's a very safe position because you can see
where the trunk is, you can control the trunk, you can access to
the whole body, so you see the one training in front is actually
reaches back right now to get some treats out of his touch and
the girl in the back there is just doing a physical inspection
of the elephant, and so basically it's the trainer in front
who's controlling. He's the one who asked her to come into
position. They're just doing a physical inspection on her.

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Q. And I think that Judge Sullivan asked you a question along these lines yesterday, but is there a way to do some sort of a performance with elephants using protected contact?

A. Yeah. It would be -- it would have to be a situation similarly. If some kind of barrier, now, it could be a moot that's between people and the elephant, so you don't have to have an actually physical structure and, you know, elephants can be trained to do, you know, all kinds of behaviors and contact as well. It's just the presentation -- the physical environment would have to be different. And then, as you asked, could you change techniques? Yes, but to change techniques to protected contact, the person cannot be near the elephant because I need to know that I'm safe and if I'm safe I do not have to use anything adversive.

Q. Thank you.

THE COURT: All right. Cross-examination?

CROSS-EXAMINATION

15 BY MR. SHEA:

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- Q. Good morning, Ms. Laule.
- 17 A. Good morning.
- Q. Now, yesterday you testified that you had been involved in
- 19 the Principles of Elephants management course?
- 20 A. Yes.
 - Q. Taught by the AZA; is that correct?
- 22 A. Yes.
- Q. The last time you were involved in that course was in the year 2000; is that correct?
 - A. No. It was I think -- no. I thought it was '94 to '98, I

1 believe.

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- Q. So the last year was 1998?
- A. I think so, yes.
- Q. Yesterday you were shown an article by counsel, or I'm sorry, it was a Chapter 13 entitled Protected Contact and Elephant Welfare. Do you recall that?
- 7 A. Yes.
- Q. Now, when we took your deposition in this case on August
 5th of last year, this had not been finalized it was in press;
 is that correct?
- 11 A. Correct.
- Q. And I learned yesterday that this has actually been now published as part of a book, is that true?
- 14 A. Yes.
- 15 Q. And the book was just recently published, correct?
- 16 \parallel A. Literally in the last couple of weeks, I believe.
- Q. I see. Is the language in the version you discussed with me in deposition the same as that which is in the book today?
 - A. I hope so. I haven't actually gone in and compared, but it should be.
 - Q. All right. I'd like to turn to that and ask you some questions about it.
 - Mr. Palisoul, it's Defendants' Exhibit 228.
- On the first page in the last partial paragraph

 here -- first off, let me ask, this is the Chapter 13 that we

were just discussing?

A. Yes.

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- Q. All right. And I'll show you this highlighted sentence where you say, Acknowledging the highly opinionated and contentious environment surrounding elephant management issues, we suggest three basic rules to follow to aid in this evaluation and to maximize the potential welfare benefits for captive elephants. Now, did I read that correctly?
- A. Yes.
 - Q. So you do acknowledge that there is a highly opinionated and contentious environment surrounding elephant management issues; is that right?
- A. Yes.
 - Q. And as we learned yesterday, or at least it was your testimony, that roughly half of the zoos in the country have instituted protected contact methods and roughly half have free contact methods, correct?
- A. That would be my guess, yes.
 - Q. All right. So this highly opinionated and contentious environment exists between those institutions, roughly half and half, is that your testimony?
 - A. Well, I mean, this isn't like the institutions are battling over this situation, but I think that what I was stating there is that elephant management, you know, for up until 1991 there was only one option, and that was free contact, and it was

traditional and everybody, that's what they did. When we introduced protected contact in 1991 and offered an option, it is a viable alternate system for managing elephants, that's where these things came into play, because some people did not want to change, did not want to convert to protected contact, wanted to stay with their current methodology, and so there's not consensus in the whole elephant community as to what's the best way to go.

Q. Ms. Laule, I'd like to go back to page 185 of this document, and under the sentence under "science based decision-making" that's highlighted on the screen, please follow as I read it.

Quote: "'Science-based'", end quote, "is a term being used a lot these days, often more as a wish than a reality, primarily because there are huge gaps in our knowledge of what elephants need and what methods best meet those needs." Did I read that correctly?

A. Yes.

- Q. So it is your opinion that there are huge gaps in our knowledge of what elephants need and what methods best meet those needs? Do I understand that correctly?
- A. Well, with science-based knowledge, yes.
- Q. You mentioned that again on the next page of your article.

 If we can go to 186. You say here in the middle of page 186,

 same chapter: Yet with huge gaps in our knowledge and in the

absence of science to guide our decision-making, we must have 1 another mechanism to access options and make informed choices. 2 3

Α. Yes.

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- And that is what you're talking about, the absence of science, knowledge about what's best for elephants?
- 7 Yeah. Generally speaking, yes. And it's what, you know, we talked about at length, there just are not a lot of science-8 9 based studies.
- 10 0. That are done on elephants?

Did I read that correctly?

- 11 Α. Exactly.
- Now let me show you the last sentence of your article, 12 please, or your chapter. It says here: And finally in making 13 your choices, use science when it is available, and fairness and 14 reason when it is not. Did I read that correctly? 15
- 16 Α. Yes.

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- So when science is not available, it is your opinion that 17 it's fine to extrapolate from studies on other species in order 18 to make decisions about how to train and manage elephants, is 19 20 that true?
 - That would be one example of using reason, yes. Α.
 - And science is rarely available, isn't that true? 0. I see.
 - Rarely? I mean, if you -- that actually science-based Α. studies on elephants, yes. On other animals, that's not true.
 - So science-based studies on elephants where elephants have 0.

- actually been studied, the effective management on their welfare, those just haven't been done, right?
 - A. That's correct.

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- Q. And for example, there are no studies that compare training methods between dogs and elephants and their effects on the welfare, correct?
- A. No. Not that I know of.
 - Q. Now, as to chaining, Ms. Laule, you have no information to show that tethering for twelve hours per day is harmful to elephants, do you?
- A. For that specific time frame, no, I think that -- no. I would answer that "no."
 - Q. And you have no data to show that tethering for twelve hours per day is abusive to elephants, correct?
- 15 A. Data? No.
 - Q. And the same is true for any number of hours that I might pick, you just don't have studies to show that tethering for any specific length of time is abusive, correct?
 - A. Science-based studies, correct.
- Q. Now, defining elephant welfare is difficult to do in your opinion because it's subjective, true?
- 22 A. Because it's subjective?
- 23 Q. Yes.
- A. Well, I would say that welfare generally is a great deal subjective, not necessarily just elephants, and that's why so

- much is written about it and there's so much discussion, because it is fairly subjective, although there is consensus on some parameters you can use.
- Q. I see. Ms. Laule, there's no specific research that demonstrates that free contact methods lead to less welfare than protected contact methods for elephants, true?
- A. No. I mean, I'm sorry. That is true; however, there are many studies looking at the use of negative re-enforcement and punishment and the impact on welfare.
- Q. And those are studies done on other species, correct?
- 11 A. Correct.

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- Q. Done in other management systems than free contact, correct?
- A. Correct. But they were looking specifically at the techniques.
 - Q. Well, they don't use the ankus on those other species, do they?
 - A. I'm saying the operant conditions techniques of negative re-enforcement and punishment.
 - Q. I see. But not the specific tools that you testified about today being used in free contact for elephants, correct?
 - A. That's right.
- Q. Now, you cannot identify any studies that demonstrate that elephants showed acute or chronic stress from being trained by free contact methods, correct?

- A. No. I'm sorry. That's correct.
- Q. And you cannot identify any studies that demonstrate to a reasonable scientific certainty that elephants showed acute or chronic stress from being trained by being cued by a bullhook, correct?
- A. Correct.

- Q. And you cannot identify any studies of elephants that access fear response by measuring physiological parameters in response to the use of free contact methods that employ the ankus, correct?
- A. That's correct.

THE COURT: Let me ask you a question before I forget it. The bullhook as we understand it is used for negative re-enforcement or punishment, and it has, when used in those manners, has a certain impact on the elephant?

THE WITNESS: Yes.

THE COURT: And what about those scenes we saw where it appears that the hook was used for some unknown reason, was just arbitrary, what's the impact on the elephant?

THE WITNESS: To me, that is probably the worst because what the elephant relies on is their ability to predict, you know, to say, you know, to be able to when I see the hook I know I'm supposed to do so.

THE COURT: Because they've been conditioned.

THE WITNESS: Exactly. And also that consistency is

so important and fairness too. You know, if I consistently tell the elephant not to do something, then they learn I shouldn't do that. But if the elephant is simply doing something and out of the blue is told don't do that and they don't really understand what it is they did in the first place and yet now they've been hit, you know, and suffered that consequence, you know, again, I can't, you know, I'm not in the mind of the elephant, but it seems pretty reasonable to assume that that, even, you know, increases the rate of, you know, the amount of stress, you know, that animal experiences, because they never know what's right and what's wrong, and the only way they experience it is by — or the only way they determine that is by experiencing that adversity.

THE COURT: Go ahead. I'm sorry. Go ahead.

BY MR. SHEA:

- Q. Ms. Laule, on chaining, you have no studies to demonstrate that two hours is good but longer is bad, correct?
- A. No, that's correct.
- Q. And you have no evidence that breeding, feeding, or sheltering have been disrupted in any of the specific elephants at issue in this case, correct?
- A. I'm not sure what you mean by that. I mean, I certainly, if the animal cannot move, then that behavior has been disrupted. If they're on chains, they can't move. I don't think you need a study to determine that. You simply can --

that's the reality of it. If they're on chains, they cannot go socialize with an animal three animals down, so clearly that has, you know, I can objectively look at that and say, yes, that has been impacted. I can't see where I would need a study to determine that.

- Q. Ms. Laule, I didn't ask you about moving. I asked you about breeding, feeding, or sheltering, so let me ask again.

 You have no evidence that breeding, feeding, or sheltering have been disrupted in any of the specific elephants at issue in this case, correct?
- A. I'll say correct.
- Q. And you have no evidence of physical punishment being given to any of the specific elephants at issue in this case, correct?
- A. Well, if they -- if they're an elephant within the Feld Corporation that have been managed, they're being managed under free contact, they will have been exposed to exactly those same techniques. There's no other option for them.
- Q. Ms. Laule, let me turn to page 173 of your deposition, beginning on line 12, and I'll ask you to follow along.

 Question: What evidence do you have that physical punishment has been used on Jewell?

Answer: It is inherent in the system.

Question: But you don't have any specific evidence or instances you can name to me, do you?

Answer: I cannot name to you a situation where it

hasn't been used. 1 2 Question: But you can't name for me a situation where 3 it has been used, can you, on Jewell? 4 Answer: No. Question: And the same answer for Karen? 5 Answer: Yes. 6 7 And the same answer for Lutzi? 8 Answer: Yes. 9 And the same answer for Mysore? Answer: Yes. 10 11 Same answer for Nicole? Answer: Yes. 12 Same answer for Susan? 13 Answer: Yes. 14 15 Same answer for Zina? Answer: Yes. The first part of my answer also goes 16 17 along with each of those elephants, as well. Did I read that correctly? 18 19 Α. Yes. Now, although you testified that physical punishment is 20 inherent in the free contact system, you agree that free contact 21 methods are not necessarily abusive, correct? 22 23 Α. Correct. And you have no evidence that free contact methods have 24 25 caused any FEI elephant to have slower growth, lower

reproductive success, or immuno-suppression, correct?

A. Correct.

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- Q. And you have no evidence that any FEI elephants suffered fear from prolonged use of the guide or ankus, correct?
- A. I have no evidence, correct.
- Q. Now, there is disagreement among elephant professionals as to what constitutes abuse, isn't there?
 - A. Yes.
 - Q. And it's debated among elephant professionals as to whether use of free contact can constitute abuse, correct?
- 11 A. I don't know that there is disagreement that it can. I
 12 think everyone agrees that it can. The question is when is
 13 and -- when is it and when is it not, I believe. I mean, that's
 14 the closest I can get. It's -- okay, I guess that's the best
 15 way I can answer it in a qualified yes or no. I forget how you
 16 asked it.
 - Q. Well, let me go to page --

THE COURT: Do you want him to reask the question?
THE WITNESS: Yeah. Ask me again.

BY MR. SHEA:

- Q. It is debated among elephant professionals whether use of free contact can constitute abuse, correct?
- A. I guess I would agree with that.
- Q. And it is your opinion that free contact and protected contact management systems are connected to distinctly different

perspectives on how elephants are viewed and managed relative to other captive species, correct?

- A. I'm sorry. Can you repeat that?
- Q. I can. It is your opinion that free contact and protected contact management systems are connected to distinctly different perspectives on how elephants are viewed and managed relative to other captive species, correct?

MS. SANERIB: Your Honor, I'm going to object. I don't under that question.

THE COURT: Well, do you understand it?

THE WITNESS: I'm having a little trouble with it too.

THE COURT: Rephrase that question, counsel.

BY MR. SHEA:

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- Q. Well, let's go to Defense Exhibit 228, first page. Last sentence of the first paragraph, beginning with the word "furthermore." Now, Ms. Laule, we're back to the book chapter that you recently had published, correct?
- A. Um-hmm.
- Q. Ms. Laule, we're back to this book chapter that you recently published?
- A. Yes. I'm sorry. Yes.
- Q. You wrote this along with Ms. Whitaker?
- 23 A. Yes.
- Q. I'll show you here the highlighted sentence on page 181.
- 25 It says: Furthermore, both of the primary management systems'

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traditional free contact and the more recent protected contact seem to be connected to distinctly different perspectives on how elephants are viewed and managed, relative to other captive species. I read that correctly, did I not?

I knew generally what you're referring to.

Obviously it says "furthermore" so there was much more discussion prior to this one line. But what I'm referring to there is that the fact that elephants are managed so entirely differently than any other species in the zoo, there is no other species that would allow the use of negative re-enforcement that is used on elephants, certainly no physical punishment would be used on any other elephant in the zoo, and in the vast majority of cases, we would not allow people to go in directly with the elephants, and so my point of this is that it would appear that to justify such an entirely different system of managing a very -- one species in a zoo, people are looking at those animals as being so distinctly different that they then require an entirely different system, and I think our point of protected contact, which is they're not, they're not different. use exactly the same techniques with an elephant that we use with a gorilla or a giraffe or a sea lion or anything else, so that is my point of that particular line.

- Q. Yet there is debate among the zoos as to which system is better, right, free contacted or protected contact?
- A. Oh, yes.

- Q. And it's debated whether use of the bullhook constitutes abuse, correct?
 - A. Constitutes abuse, yes. It is not debated that it constitutes the use of negative re-enforcement and physical punishment.
- Q. And isn't is debated whether certain time frames of tethering constitute abuse, correct?
- A. Yes, but again, I would say at this point the industry standard in AZA facilities is to minimize it and probably the two-hour time frame would be agreed to generally.
- Q. That's not what it says in the current AZA standards, is it?
 - A. I don't know that it actually calls out a time frame.
 - Q. You don't know one way or the other?
- 15 | A. No, I don't.
 - Q. Let me take you to this point at page 121 of your deposition beginning on line 18 where I ask, Question: The debates, do they include whether or not use of tethers is abuse?

Answer: Not in the use of tethers but in the length of time. Well, yes, the specific use of them and the length of time in relation to that, yes.

Question: Does --

Answer: Can I say one thing?

Question: Yes, please.

Answer: But there are certain uses that are accepted,

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and time frames that are accepted. Did I read that correctly?

A. Yes.

Q. Now, Ms. Laule, certain -- well, strike that.

You believe that there has been significant drift in many facilities in how protected contact has been implemented, is that true?

- A. Yes.
- Q. And the use of a hybrid system where the ankus is used along with the barrier or along with other protected contact principles or tools is it meets the Association of Zoos and Aquariums definition of protected contact, doesn't it?
- A. Yes, it does, which I have stated many times in writing that I disagree with their definitions of those two systems because they only talk about the barrier and where the people are, not about the tools and techniques that are used.
- Q. Let me show you page 182 of your Chapter 13 that we've been discussing today. In the second paragraph from the bottom beginning Since, if you could highlight the entire paragraph.

And again, this is in your Chapter 13, correct?

- A. Yes.
- Q. It says, Since the introduction of protected contact to the zoological community in 1991, over half of the zoos in the United States have converted their programs to this management system. However, during this time there has been significant drift in many facilities in how protected contact is

implemented. For example, in our travels around the country we encounter elephant management practices that are called protected contact or modified protected contact, in which trainers simply move to the other side of the physical barrier and give commands to the elephants. In these situations the trainer may continue to carry the ankus, use an authoritative voice to give commands, and maintain a dominance-based relationship. Did I read that correctly?

A. Yes.

- Q. And it goes on to say, According to the AZA definition, and that's the Association of Zoos and Aquariums, right?
- A. Yes.
 - Q. According to the AZA definition, this would qualify as protected contact?
 - A. According to our definition, it does not.
 - Q. Protected contact is not free contact conducted from the other side of a barrier. Did I read that correctly?
 - A. Yes.
 - Q. And in fact, you believe that the Association of Zoos and Aquariums is fueling and supporting this modified protected contact approach, correct?
 - A. I don't think the organization as an organization is doing that. With they don't dictate to individual zoos exactly how to, you know, implement a training program, but certainly their definition is so vague that it allows interpretation like this.

You know, my point of this whole thing is that by introducing the bullhook into the protected contact context, it's not protected contact. Protected contact is based on voluntary cooperation. It's based on positive re-enforcement. You know, you have violated those basic premises of protected contact by introducing the bullhook into it.

- Ms. Laule, let me show you the next paragraph in your Chapter 13. Page 182, next paragraph. It says: These various "modifications" of protected contact have been fueled and supported by the AZA in two ways. The elephant husbandry resource guide published in 2004 is the husbandry manual distributed by the AZA elephant taking on advise at this group to all member institutions housing elephants. The principles of elephant (PEM) course is required for all elephant managers of AZA-accredited facilities. Both the resource guide and the PEM course promote the position that there are no distinct differences between free contact and protected contact training systems, only a continuum of options. Although used routinely throughout the industry and in publications, journals and conference proceedings, the terms "free contact" and "protected contact" never appear in the entire resource guide and are mentioned cursorily in the PEM course. Did I read that paragraph correctly?
- A. Yes.

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Q. Now, currently, there are 78 zoos that are keeping

elephants as part of AZA in the U.S., do you know?

- A. I don't know for certain. That's the number that I've heard.
- Q. Now, a number of zoos have tried protected contact, your brand of it of no ankus, no free contact tools or tools or approaches. A number have tried that and since incorporated free contact methods back into their programs to create hybrid approaches. True?

MS. SANERIB: Your Honor, objection. That's a little argumentative.

THE COURT: Well, she can answer it.

THE WITNESS: Well, I think that it's happened that way. Some protected contact programs started from the very beginning where the ankus was not removed as a tool and was continued to be used, and there's also been the opposite where the ankus was present and then they took it away.

BY MR. SHEA:

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- Q. Well, one example of an institution which tried pure protected contact and went back to using some free contact methods is Disney's Animal Kingdom in Florida, correct?
- A. Yes, that's correct.
- Q. And another example --

THE COURT: Did you finish your answer?

THE WITNESS: Well, I was just going to say yes, that's correct. However, from the very beginning that system

was designed and was run by free contact trainers, and those people, and I know some of those people personally and they were very vocal in saying I don't really want to do protected contact, I'm a free contact trainer, so to me it was actually fairly predictable that that system would drift or evolve the way it did.

MR. SHEA: And I object to the hearsay portion of her answer.

THE COURT: All right.

BY MR. SHEA:

- Q. Ms. Laule, also another example is the use in a zoo, correct?
- A. Yes, it is, and a sad one to me.

THE COURT: Why is that?

THE WITNESS: Well, because that was a model protected contact program for many years. It was the first system where a baby was born into a protected contact system, had never been exposed to a bullhook, her sister had only been exposed for a month or two. Those elephants grew up to be perfect examples of why protected contact works. They could do absolutely anything they needed to do with those elephants, whether it was husbandry, veterinary care, management, social management, anything. It was a wonderful program that I was always very proud to point people to and say, yeah, if you want to see how it works, go there, and unfortunately exactly the same thing

happened: some individuals came into that system who were former free contact trainers who wanted to do free contact, and that's what happened, and to me, probably the saddest of all is that there's a cue there that was in protected contact for, well, I think it was '92, so let's say at least twelve years, but now is back in free contact, and I think that's very sad.

BY MR. SHEA:

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- Now, Ms. Laule, the debates over whether free contact methods can constitute abuse, you've never heard the term "taking" used as in whether free contact management constitutes a taking, correct?
- I'm sorry, what was the first part of that question?
- I said, in debates over whether free contacts methods can Q. constitute abuse, you've never heard the term "taking" used as in whether free contact management constitutes a taking, correct?
- Not prior to this situation, correct. Α.
- Not prior to this lawsuit, correct? Ο.
- 19 Α. Yes, yes, exactly.
 - Now, the Elephant Husbandry Resource Guide that you write Ο. about in your Chapter 13, that states that chaining is acceptable up to 16 hours per day, doesn't it?
 - I would have to take your word for it. I don't remember that.
 - You don't know one way or the other?

A. Correct.

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- Q. And now there's no consensus among elephant professionals that removing a baby elephant from the mother after birth for veterinary check is abuse, correct?
 - A. Correct.
 - Q. Now, you disagree with any use of negative re-enforcement in the training or management of elephants, correct?
 - A. Negative re-enforcement, I can -- my problem is I cannot think of another reasonable example of negative re-enforcement besides the bullhook, so I'm going to have to say yes.
 - Q. And the same is true for punishment, isn't that true?
 - A. Ask the question again, please.
- Q. Sure. You disagree with any use of punishment in training or managing elephants, correct?
 - A. Physical punishment, yes.
- Q. Yet you admit the use of punishment is not necessarily abuse, correct?
- 18 A. Correct.
- Q. And to determine whether abuse had occurred, you would need to know the specifics of the situation, wouldn't you?
 - A. I think that that was the best way, yes, to answer that.
- Q. And the guide can be used in free contact training in your opinion without abusing the elephant, correct?
- 24 A. Yes, correct.
- 25 Q. Thus, free contact methods are not necessarily abusive, are

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- 2 A. That's right. The biggest -- the problem is it can be a very thin line.
 - Q. And good trainers can train elephants without being abusive, can't they, in free contact?
 - A. I would believe so, yes.
- Q. And in your opinion, elephants essential behavior patterns are disrupted any time you limit a choice, any choice that the elephant could make, is that true?
 - A. No. That's stated too specifically or not any choice.
- Q. But limiting an elephant's choice, though, is not necessarily abuse, correct?
 - A. Not necessarily abuse, yes. It can be.
 - Q. And hitting an elephant on the trunk for reaching out toward a person or an object is not necessarily abuse, is it?
 - A. No. It's not abuse.
- Q. Some force with the ankus could be exerted with an elephant without committing abuse, correct?
- 19 A. Correct.
- Q. And whether that level of force constitutes abuse depends on the reason it was applied, correct?
- 22 A. I'm sorry, ask that again.
- Q. Certainly. Whether a level of force with the ankus
 constitutes abuse depends on the reason that the force was
 applied, correct?

- A. That sounds reasonable, but I'm not sure. I don't feel comfortable saying yes or no to that.
- Q. Let me take you to your deposition at page 142. Beginning on line 17 I asked, Question: Some force with an ankus could be exerted with an elephant without committing abuse, correct?

Answer: Yes. There has to be a fine line somewhere, unfortunately, it is a subjective arbitrarily line, but yes.

Question: Does that degree of force depend in part on the reason it was applied with the ankus?

Answer: I'm sure that that is the case, as well as the mindset of the individual and the circumstances in which it occurs. I would say the vast majority of the time an elephant is going to be hit more when people are not present to watch it, as opposed to when they are. So the circumstances can dictate the level of force, as well. Did I read that correctly?

- A. Yes. I would agree with that.
- Q. So would it constitute abuse, force with an ankus could be used to keep an elephant from injuring a trainer, true?
- A. Yes.

- Q. And without constituting abuse, force with an ankus could be used to keep an elephant from injuring a member of the public, correct?
- A. Yes.
- Q. And without constituting abuse, force with an ankus could be used to keep an elephant from injuring itself, correct?

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- Q. Or another elephant, correct?
- 3 A. Yes.
 - Q. So the use of punishment is not necessarily abuse, correct?
 - A. That's correct, it is not necessarily abuse.
- Q. Now, captive elephants may have better welfare than wild elephants, isn't that true?
 - A. Captive elephants may have been better welfare, is that what you said?
 - Q. Than wild elephants, true?
- 11 A. I think that's possible. Certainly in some circumstances, 12 yes.
 - Q. Now, we talked about and heard a lot of your testimony about the bullhook in circuses, but I want to clarify. If tethering for over two hours was stopped or banned, circuses could no longer transport the elephants for exhibition as they currently do, correct?
 - A. I would say it would be very difficult unless there's some other methods besides tethering.
 - Q. So that's correct, isn't it?
- 21 A. Yes, with my additional comment.
 - Q. Well, let me show you page 199 of your deposition, starting on line 16. Question: And if use of tethering for over two hours was stopped or banned, circuses could no longer transport the elephants for exhibition as they currently do, isn't that

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Answer: Yes, that's correct. Did I read your testimony correctly?

- A. Yes.
- Q. Now, the USDA recognizes free contact as an appropriate training method for elephants, correct?
- A. Yes.
 - Q. And the AZA recognizes free contact as an appropriate training method for elephants, true?
- 10 A. Yes.
- Q. Elephant Managers Association recognizes free contact as an appropriate training method for elephants, correct?
- 13 A. Yes.
- Q. And as you sit here today you do not know how many zoos
 combine the use of a barrier such as that used in protected
 contact with use of a guide or other free contact methods,
 correct?
- 18 A. Correct.
- Q. Now, Ms. Laule, do you know the size of the largest elephant herd kept in any U.S. zoo?
- 21 | A. No.
- Q. Do you know of any zoo that has a herd of fifteen elephants?
- 24 | A. In the U.S.?
- 25 | O. In the U.S.

- A. In a U.S. zoo?
- Q. Yes.

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- A. I don't know how many are in San Diego now. They're probably very close to that.
 - Q. Do you know of any U.S. zoos that have twenty elephants in their herd?
- 7 A. I don't think so.
 - Q. So twenty would be the largest number that you could think of, or is it fifteen?
- 10 A. Probably more like fifteen, but I'm just guessing because I don't know for certain.
- 12 Q. Okay. So you don't know as you sit here today?
- 13 A. No.
- Q. Now, I believe you mentioned this, but I want to ask
 specifically. Are you aware that handlers frequently use,
 elephant handlers in free contact, frequently use the stick end
 and not the metal end of the guide to cue elephants?
 - A. I have seen that but I've seen it very rarely.
 - Q. Is it your opinion that the stick end of the guide hurts elephants when they're cued?
- 21 A. If it's used simply as a cue just to touch the elephant,
 22 no.
- Q. Now, you were shown some film clips of what counsel said were Ringling Brothers' handlers earlier in your testimony today, correct?

1 Α. Yes. 2 You don't know the circumstances, what went on before and 3 what went on after those film clips, do you? 4 Α. No. 5 Ms. Laule, you were shown a film clip where elephants were Ο. rolling tubs, correct? 6 7 Α. Yes. 8 You never trained an elephant to do that behavior, have 9 you? 10 Α. No. And again, you've never trained an elephant to do any type 11 0. 12 of performance, correct? 13 Α. Correct. 14 MR. SHEA: That's my cross, your Honor. 15 THE COURT: Any redirect? Thank you, your Honor. 16 MS. SANERIB: REDIRECT EXAMINATION 17 18 BY MS. SANERIB: We can start by going to Defendants' Exhibit 228, please. 19 I'd like to go to page five of that exhibit. 20 21 THE COURT: How long do you anticipate your redirect I'm not trying to curtail you. 22 MS. SANERIB: Probably about 20 minutes, 25 minutes. 23 THE COURT: All right. Let's take a ten-minute 24 25 We've been taken testimony for over an hour now.

1 take a recess. We'll break at one o'clock. 2 You can step down. 3 THE WITNESS: Thank you. 4 THE COURT: We'll start again at 12:30. 5 COURTROOM DEPUTY: This Honorable Court now stands in 6 a short recess. 7 (Recess taken at about 12:13 p.m.) COURTROOM DEPUTY: Please remain seated and come to 8 9 order. THE COURT: Are the attorneys here for that sealed 10 11 matter? They're out in the hall, Judge. 12 COURTROOM DEPUTY: 13 THE COURT: Let me ask you something before redirect, 14 I guess two questions. In an effort to measure pervasive abuse, what evidence would the Court be interested in, what would the 15 Court see in instances in which there's been pervasive, constant 16 abuse of elephants by the bullhook, evidence insofar as an 17 elephant's behavior? 18 THE WITNESS: Behavior? 19 THE COURT: That's one part. And the other part would 20 21 be, with respect to elephants who have been confiscated for 22 abuse by USDA or some other government entity, what would the Court see, what evidence would the Court see of abuse in those 23 instances in which they've been actually taken from the circus, 24

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was it?

THE WITNESS: Uh-huh. Well, I may not be the best one to answer that question, because it's a difficult one, but I know, you know, someone who is a good behavioral researcher would be able to give you a much better answer about that. What exactly would the parameters be, how would I go about, you know, creating a baseline and then looking at changes that have occurred, what sort of changes would I expect to see, I think that generally speaking -- this is the difficult part of it.

THE COURT: I know it is, because you recognize that the bullhook can be used appropriately, right?

THE WITNESS: Yeah.

THE COURT: And we've seen tapes of abuse. I'm just kind of wondering what's the evidence of chronic abuse, pervasive abuse.

THE WITNESS: Yeah. I would say that you would see, I mean, it would be -- it would be nice to get some physiological data. You know, we do look at cortisol and things like that, but again, I would want some kind of baseline to compare it to, you know, because you're assuming this was not abuse at one point.

THE COURT: Right, exactly.

THE WITNESS: And then this was after the abuse. So that's a hard thing. I mean, I suppose you could look at base-lines of other elephants that are not in that situation and, you know, draw some -- extrapolate from that or draw some

conclusions from it, but it's, you know, animals are very adaptable, and that's the difficult thing about it, and as I've said too, it's, you know, there can be a lot of harm done without abuse, and that's the other thing that's extremely difficult to me, sure, you know, is, what is the long-term effects of animals that are living in a situation where they may not be abused but those techniques are a part of their life.

THE COURT: Right. We know that they become totally compliant in many instances.

THE WITNESS: In many instances, yes.

THE COURT: That can't be evidence of abuse only though, can it?

THE WITNESS: No. It's complicated, you know, and that's why I say, you know, that's where I rely, you know, and I'm not a scientist. I'm a behaviorist, you know, and that's my area of expertise, but what I have done in my own career is, when I wanted to look at an issue, for example, the benefits of positive re-enforcement training, I did that with primates because there was a researcher there who was willing to put the time and the effort into designing a study that we could look at that, but I relied on her, you know, to develop that study, and that's why I'm having a hard time personally answering your question.

THE COURT: That's fine. I appreciate your candor. It's one I'm struggling with.

1 THE WITNESS: Yeah, yeah. 2 THE COURT: Thank you. 3 THE WITNESS: Um-hmm. 4 BY MS. SANERIB: 5 Following up on that, Ms. Laule, we've looked at a few of 0. 6 your articles yesterday, they were admitted to show your 7 expertise, and one of the things you referenced in those 8 articles was some work of Mia Shepardson where he uses 9 observable animal behavior as an indicator of well-being. 10 Α. Yes. Is that a technique that's frequently used by people who 11 Q. 12 work with captive animals? 13 Α. Yes. 14 MR. SHEA: Objection; leading. 15 THE COURT: It is leading. It is leading. 16 THE WITNESS: I'm sorry. THE COURT: But I'm interested in it. Can you 17 18 elaborate on that at all? THE WITNESS: If I can refer to the paper there. 19 THE COURT: Whatever you want to. 20 This was Ms. Laule's 2003 article from 21 MS. SANERIB: 22 the Animal Welfare Forum. That was admitted yesterday. In the 23 Journal of --THE WITNESS: Well, one thing I can say for certain is 24 25 that one thing you would look at is the expression of species'

typical behavior like we've talked about today, what is normal for an animal to do, and then the other thing is, the absence or the presence of abnormal behavior, and I know there's been a lot of discussion in this case about stereotypic behavior. That would be considered an abnormal behavior. If that behavior is present, then I would want to look further because I think most scientists would agree that is an indicator of certainly reduced welfare. Whether they're stereotyping, you know, is another question, but it's directly related to that question of, you know, has harm been done, if those characters of that animal been affected, so those would be two examples of behavior that you would look at.

BY MS. SANERIB:

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- Q. And Ms. Laule, we pulled up that article and the specific provision I was referring to, on the screen here, just because you had asked to see that.
- A. Yeah. And I guess that is, that is basically what I just said, looking at the species' typical behavior as well as abnormal behavior, the presence or absence of it would be indicative of some sort of disruption, stress, fear in that animal, that triggers that consequence.
- Q. And Ms. Sinnott, if we could go back to Defendants' Exhibit 228. And going ahead in that document to page five, and that second paragraph under the heading Science-Based Decision-Making that starts off What does science say.

And Ms. Laule, I'd like you to just, you know, either read, or if you remember this paragraph, summarize it for the Court, whichever one you feel most comfortable with.

- I think this was -- the comment that I was making is that, is that, as we've said, there's not a lot of specific data on elephants, and that's recognized by everyone. When it comes to talking about training techniques, there is an in the literature about specific techniques and specifically the use of aversions, you know, negative re-enforcement and punishment and the use of positive re-enforcement training, and I think one of the things that is recognized by scientists is that in the absence of specific studies about a specific species, that it is reasonable to extrapolate, to look at the literature and see what's out there, and if it's a study on a different species but the conditions can be relatively equated, then you can extrapolate from that, and that was my point in here, is that in what Mr. Shea was pointing out earlier, that is in the absence of those studies, there are a lot of other studies and literature that I think are very relevant.
- Q. And is it common in the community for people who work with captive animals to look at studies for animals other than the animals they're working with?
- A. Very much --

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MR. SHEA: Objection; leading.

THE COURT: Sustained.

It is leading, counsel. Let her testify.

BY MS. SANERIB:

Q. What kind of studies are commonly used when you work with captive animals to assess their welfare and management?

MR. SHEA: Again, argumentative.

THE COURT: I'll allow the question.

Do you understand it?

THE WITNESS: Yeah.

I mean, for example, when you're talking about animal welfare, probably the best studies that have been done are with farm animals, okay, and obviously we have to recognize this is a domestic animal, this is a wild animal, but I think generally speaking, there is a lot of recognition of that. When the primates — when the Animal Welfare Act was changed and said that you had to address the psychological well-being of primates and everybody ran around trying to figure out what psychological well-being is so now I can turn around and address it, and they, the scientists, went to other literature because that helped them to define for this particular species because there wasn't the information there prior, so that is very much an industry practice to do that.

- Q. Have you reviewed some of that literature?
- A. Yes, I have. I've read a fair amount of the literature.
- Q. And did you rely on that literature in making your opinions in this case?

- A. Yes, to a great extent, as well as my own personal experience obviously with elephants and all the very specific things I did with elephants, but I certainly took that into consideration as well.
- Q. And having looked at the evidence and having looked at those studies, what's your opinion?
- A. Regarding?

- Q. Regarding Ringling Brothers, looked at the evidence of Ringling Brothers Circus and the studies you were just referring to, what's your opinion?
- A. Well, in terms of a training system, as I said, it is very clear to me that the system is used as free contact, that it is done the way I have -- I understand it and the way I've seen it done in every other situation, and therefore I'm very certain in saying that the techniques, the tools are the same, the techniques are the same, the fact that adversives are the primary mode of eliciting behavior, ensuring that it will happen again, exists, and all the negative repercussions that stem from that in terms of the animal's well-being.
- Q. Again, I'm sorry. What are those negative repercussions for the elephants?
- A. The loss of choice and control, the disruption or the impairment of those species' typical behaviors, the presence of abnormal behaviors, the impact of the animal not being able to socialize normally, move normally, follow their own -- their

normal pattern of activity because of the extreme levels of extreme lengths of time of restraint, and I think just the unnatural aspect of having to accept a person as being socially dominant, that applies.

- Q. And is negative re-enforcement a tool, like the ankus, used with other captive animals?
- A. No.

Q. Would it be inappropriate to use a tool like a bullhook on a dolphin, for example?

MR. SHEA: Objection; leading.

THE COURT: You can answer.

THE WITNESS: I can tell you that there is absolutely no other animal I can imagine that anyone would ever think to use a bullhook on.

THE COURT: Why do you have that opinion?

THE WITNESS: Because the inherent aspects of negative re-enforcement and punishment, we just don't do that with other animals. We just don't. You know, we don't expect them to cooperate in that particular fashion. You know, we have found, and this is my point of protected contact, is, just like we can get -- I can work just about any other animal, you know, exotic animal, using nothing but positive methods, I can do exactly the same thing with elephants and I don't need it, and I think that again it's really only there because it's been tradition, you know, and again up until 1991 it was the only option, so people

just accepted it, and the point now is there are other options.

BY MS. SANERIB:

Q. Mr. Shea also asked you, and I'm going to paraphrase here, do you have data regarding chaining of elephants for twelve hours. And my question is, what's the view in the elephant community right now about chaining for twelve hours?

MR. SHEA: Objection; calls for hearsay.

THE COURT: No, she can give an opinion.

You've read some literature about this, you got the studies, and without telling us what other people may have told you, the result of the studies, do you have an opinion?

THE WITNESS: Yes, and when I was involved in the elephant SSP it was a big point of discussion, and definitely things have moved forward to the point that -- okay, ask me the question again.

BY MS. SANERIB:

- Q. First of all, can you explain for the Court what the SSP is?
- A. The SSP is a survival plan -- I think I mentioned it yesterday -- and it's the two African and Asians, SSP have been combined into the elephant tags, and I believe -- okay, just ask me again.
- Q. Yes. My question for you is: What's the view within the elephant community about chaining for twelve hours?
- A. This was -- this has definitely been a process of moving

away from chaining elephants for extended periods of time. I remember attending a tag meeting where there was one individual there from a zoo who was talking about doing modifications to his barn and he was going to continue to chain his elephants at night and the overwhelming response in the room was that is not appropriate. It is time to move away from that, and especially if you're in a position of doing modifications, you modify that barn so those animals do not have to be on chains all night.

- Q. Why is that view held? In your opinion, why is that view held?
- A. Well, I think because people recognize that it is a significant negative impact on that animal and affects the things we talked about and carries with it a fair amount of stress.

MR. SHEA: I'd object to hearsay.

THE COURT: Overruled.

BY MS. SANERIB:

- Q. Mr. Shea asked you about a lot of things, that whether or not you thought they amounted to abuse, and I just wanted to ask you a couple of those questions. Is punishment, in a slightly different way, is punishment of an elephant likely to result in harm?
- A. Yes. Physical punishment, yes.
- Q. And when you talk about that resulting in harm, what are you talking about?

- A. I'm talking about animals that function in the system where physical punishment is inherent in making sure that they cooperate a hundred percent of the time and that that sort of management style has a significant impact on their welfare.
- Q. And using the bullhook as a negative re-enforcer to cue a behavior or to ensure a behavior is complied with, can that harm an elephant?

MR. SHEA: Objection; leading.

THE COURT: I'll allow it.

THE WITNESS: Yes, I believe it can, for exactly what I just described as well.

BY MS. SANERIB:

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- Q. And I think Mr. Shea asked you a question about -- or you had a discussion about the El Paso Zoo and that they had added a protected contact program and then made a return to a free contact program, and you mentioned the treatment of the elephants at that facility. I'm wondering, have you ever worked at the El Paso Zoo?
- A. Yes, I did.
- Q. And are you aware of the circumstances of how those elephants were --

THE COURT: Let her testify.

MS. SANERIB: Okay.

BY MS. SANERIB:

Q. Do you know how the elephants were converted from protected

contact to free contact?

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Well, it was a single elephant, Sissie, and she had been at Α. the Houston Zoo in a protected contact program. She was then sent to El Paso and the -- the problem became that she now had to -- you know, the rules are different, you know, in protected The persons are not socially dominant, the tools are contact. different, everything about it, so now they had to take her back to free contact and basically re-establish the trainer's position with her and they did it in a way where they, they, I believe, put her on ropes and ran her through a series of behaviors and basically forced her to comply by very hard use of the ankus in hooking and in actually physically striking her multiple times. The whole point being, you have to -- now you have to recognize again I'm dominant, I'm going to be going in with you, you have to respect me, you have to do what I ask you to do, and that's what was required to achieve that.

Q. Do you think that --

THE COURT: Do you have an opinion?

BY MS. SANERIB:

- Q. What's your opinion about the use of negative re-enforcement by a keeper to protect himself or herself and whether that can result in harm to the elephant?
- A. Well, I understand why it's used and I see the -- I see how it fits into the system to protect the person. In my opinion, it does cause harm to the elephant.

Q. Mr. Shea asked you about --

THE COURT: And the harm is?

of a great deal of their choice of control in how they behave, and that their species' typical behaviors are often impacted.

One primary one is simply the animal's natural inclination to be curious, to explore, and as I described, that's something that is often seen as I can't let that happen in a free contact situation.

BY MS. SANERIB:

- Q. In your opinion, are there any physical ramifications for the animal?
- A. Certainly. They can end up with dramatic wounding. I mean anything from just a hook point to actual, you know, I think you had mentioned boils and bruising and things like that, so, yes, there can be physical harm as well, wounding.
- O. You had --

THE COURT: You didn't, if I understood your testimony correctly, you didn't have any knowledge about the boils, did you?

THE WITNESS: I have not personally seen boils. I've seen other examples of, or other wounds that were caused by the hook, but not boils.

THE COURT: How were you able to tell that the wounds were caused by hooks and not, you know, scratching or by tusks

or other animals.

THE WITNESS: The point of the hook tends to make a pretty obvious mark, and it's the location, because there's very specific hook points that are used on an elephant and obviously things like moving them forward, you know, a lot of behaviors you would do repetitively, you'll see those locations where those injuries will occur.

THE COURT: Are those location the more tender locations on an elephant?

THE WITNESS: Yes.

THE COURT: So that would be what, the ear, the cheek, and what?

THE WITNESS: Behind the leg, along the shoulder, on the feet. Those are the main ones I can think of. Back end.

BY MS. SANERIB:

Q. You and Mr. Shea talked about the elephant husbandry resource guide. Are you familiar with that document?

A. Yes.

THE COURT: So the evidence of abuse then would be the physical manifestations, the injuries, that's evidence? Is that evidence of abuse, though?

THE WITNESS: Well, that would be evidence of what I would term abuse, okay. Because that would indicate to me an excessive use of the hook, you know, either for hooking or for striking. The problem is, I think there is tremendous injury, I

mean harm, that can also be done to the elephant without that excessive use, simply the fact that that happens up to a certain point every day, and that's again what makes it, you know, a difficult thing to assess.

BY MS. SANERIB:

- Q. I just wanted to ask, do you know who authored the Elephant Husbandry Resource Guide?
- A. Yeah. It was -- I think Debbie Olson is the editor of it. It was -- that was a husbandry manual that was supposed to come out from the TAG. It was actually published, I believe, by International Elephant Foundation, but it was distributed as if it was the guide for the Tag.
- 0. And --

THE COURT: You can't finish before one, counsel. I do have a sealed matter that's going to take me a few minutes, so we're going to break for lunch. You'll have to come back after lunch.

THE WITNESS: Okay.

THE COURT: 2:30.

MS. SANERIB: 2:30.

THE COURT: Because I do have to focus on a criminal matter that's sealed. And I do have to ask, as delicately as I can, I have to ask people to leave the courtroom as soon as they can so I can focus on this sealed matter.

THE WITNESS: Okay.

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                 THE COURT: I have to ask you not to discuss your
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      testimony with anyone.
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                 THE WITNESS: I understand.
                 THE COURT: You can leave your materials there if you
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      want to.
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                 (A luncheon recess was taken at about 12:52 p.m.)
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CERTIFICATE I, JACQUELINE M. SULLIVAN, Official Court Reporter, certify that the foregoing pages are a correct transcript from the record of proceedings in the above-entitled matter.