0001	
1	STATE OF CALIFORNIA
2	DEPARTMENT OF INSURANCE
3	
4	PAY-DRIVE (USAGE-BASED AUTO INSURANCE)
5	FILE NO. REG-2008-00020
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	PUBLIC HEARING
17	SAN FRANCISCO, CALIFORNIA
18	OCTOBER 20, 2008
19	
20	
21	
22	
23	
24	
25	REPORTED BY: MICHAEL CUNDY, CSR 12271

1	PUBLIC HEARING, taken at 455 Golden Gate,					
2	San Francisco, California, on Monday, October 20, 2008, at					
3	10:05 A.M., before Michael Cundy, Certified Shorthand					
4	Reporter, in and for the State of California.					
5						
6	APPEARANCES:					
7	FOR THE STATE OF CALIFORNIA					
8	DEPARTMENT OF INSURANCE					
9	LEGAL DIVISION RATE ENFORCEMENT BUREAU					
10	BY: DANIEL GOODELL, ESQ. BETTY MOHR					
11	45 Fremont Street San Francisco, California 94105					
12	(415) 538-4191 -and-					
13	DEPARTMENT OF INSURANCE MARKET CONDUCT DIVISION					
14	BY: JOEL LAUCHER 45 Fremont Street, 22nd Floor					
15	San Francisco, California 94105 (415) 538-4381					
16	-and- DEPARTMENT OF INSURANCE					
17	INSURANCE RATE ANALYST BY: MICHAEL RIORDAN					
18	45 Fremont Street, 22nd Floor San Francisco, California 94105					
19	(415)538-4226					
20	LIST OF SPEAKERS:					
21	BETH GIVENS					
22	CHRISTOPHER GAY					
23	DOROTHY GLANCY					
24	SAM SORICH					

REX FRAZIER

25

1	APPEARANCES:			
2	LIST OF	SPEAKER	RS:	
3			JUSTIN HORNER	
4			CARMEN BALBER	
5			LAURA NOVARRO	
6			DEBORAH PIERCE	
7			GLENN CONNELY	
8			ED PIKE	
9			ALICE BISNO	
10			FRED BLUMER	
11			WALTER SMITH	
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				

0004

- 1 SAN FRANCISCO, CALIFORNIA; MONDAY, OCTOBER 20, 2008
- 2 10:05 O'CLOCK A.M.
- 3 -000-

4

- 5 MR. GOODELL: Hello, everybody. It's a little
- 6 after 10:00 o'clock in the morning on Monday, October 20,
- 7 2008.
- 8 I'm Dan Gooddell, staff counsel with California
- 9 Department of Insurance, Rate Enforcement Bureau.
- 10 On my left is Joel Laucher, the chief of Market
- 11 Conduct Division, and next to Joel is Mike Riordan, also
- 12 staff counsel with the Rate Enforcement Bureau, Department
- 13 of Insurance.
- 14 This hearing is about a proposed regulation
- 15 entitled "Pay-Drive, Usage-Based Auto Insurance," file
- 16 number for the regulation is REG-2008-00020.
- 17 Everyone present, with the exception of law
- 18 students who are just visiting, should be signed in at the
- 19 table over here. If you are not signed in, please do so,
- 20 and if you haven't indicated whether you want to speak --
- 21 well, let me just say, if you have indicated that you want
- 22 to speak, I have your name. If you haven't and you want to
- 23 speak, please indicate so at the table.
- 24 By way of background, the California Insurance
- 25 Code Section 1861.02(a), added by Proposition 103, provides

- 1 that rates and premiums for an automobile insurance policy
- 2 shall be determined by applying three mandatory auto rating
- 3 factors and various optional rating factors. The number of
- 4 miles the insured drives annually is the second mandatory
- 5 factor. The auto rating factors are currently implemented
- 6 by California Code of Regulations Section 2632.5 and second
- 7 mandatory factor is currently implemented by section
- 8 2632.5(c)(2).
- 9 These regulations will amend Section 2632.5, and
- 10 they are intended to improve the correlation between the
- 11 automobile insurance premiums and the actual number of
- 12 miles an insured drives in a period of time pursuant to the
- 13 second mandatory rating factor.
- 14 The proposed regulation was published in the
- 15 California Public Notice Register on Friday, September 7th,
- 16 45 days ago.
- 17 The notice invited members of the public to attend
- 18 this hearing and invited interested persons to submit
- 19 written comments about the proposed regulations through the
- 20 close of business today.
- 21 If you have written comments that you would like
- 22 to submit, please bring them to the panel at any time
- 23 before the close of this hearing or bring them -- leave
- 24 them at the table with Sarah over there.
- The purpose of the hearing is to provide members

- 1 of the public an opportunity to speak to us and tell us
- 2 what your views are about these regulations and hopefully
- 3 to provide us with constructive comment.
- 4 If you have things to say that are not included in
- 5 your written comments or if you simply wish to highlight
- 6 certain key points that are in your written comments, you
- 7 are invited to do so today.
- 8 The department will review, summarize, and respond
- 9 to all comments that are submitted with regard to this
- 10 regulation. Therefore, if you are submitting written
- 11 comments, there is no point in reading those comments to us
- 12 today. In fact, we specifically ask you not to read your
- 13 written comments, and if you do, we may stop you.
- 14 Based in part on the written and oral comments
- 15 submitted, the commissioner may amend these regulations.
- 16 If the commissioner amends the regulations, he
- 17 will provide notice to everyone who has expressed interest,
- 18 including everybody here today, and if the amendments are
- 19 within the scope of the original notice, an additional 15
- 20 days' public notice will be provided for you to provide
- 21 comments on the changes.
- There is no audio recording being made of this
- 23 proceeding. However, we do have a court reporter, who is
- 24 taking down everything that I say and that anyone else says
- 25 publicly here.

- 1 Every comment becomes part of the public record.
- 2 I want to apologize for any inconvenience anybody
- 3 experienced in getting here today. I know that we issued a
- 4 notice of change of location somewhat late. We don't like
- 5 to do that.
- 6 It did come to our attention that we were likely
- 7 to have more people than we had capacity to handle at our
- 8 facility at 45 Fremont Street, and so we felt compelled to
- 9 move the hearing, and we actually felt fortunate that we
- 10 were able to get this room for the hearing, so my apologies
- 11 for anybody who had difficulty because of that.
- We have about 15 people who have indicated that
- 13 they do or may like to speak to us today.
- 14 The way this will work is I will call your name
- 15 from the sign-in sheet and ask you to come up to speak to
- 16 us. The lectern is over here.
- 17 When you come up, please state your name, your
- 18 first name and your last name, spell your last name for the
- 19 court reporter to take down, and indicate who you are
- 20 affiliated with.
- 21 So this is your opportunity to give us
- 22 constructive input about the regulation and tell us how you
- 23 think they could be improved.
- It is not a forum for you to ask questions of the
- 25 panel.

- Members of the panel generally ask very few
- 2 questions of speakers here today, but we may ask some
- 3 questions for clarification, if necessary.
- 4 So with that, I will call the first speaker today,
- 5 and this person doesn't know who they are yet, but could
- 6 Beth Givens come up and talk to us, and please state your
- 7 name and spell your last name and tell us who you are
- 8 representing?
- 9 MS. GIVENS: Thank you. I'm Beth Givens, the
- 10 Director of the Privacy Rights Clearinghouse. Givens is
- 11 spelled G-i-v, as Victor, -e-n-s.
- 12 I'm a director of the nonprofit consumer education
- 13 and consumer advocacy education called the Privacy Rights
- 14 Clearinghouse. We are based in San Diego, and we were
- 15 established in 1992, and I want to thank you for the
- 16 opportunity to speak today.
- 17 I do commend the commissioner for stating last
- 18 August in a press release that any policies that use GPS to
- 19 track location will not be approved. However, some onboard
- 20 devices that do not use GPS may still collect more data
- 21 than actual mileage, data such as acceleration and
- 22 deceleration rates, for example.
- 23 In our written comments, which, by the way, I'm
- 24 not reading -- I just want you to know. In our written
- 25 comments, we strongly urge the CDI to adopt regulations

- 1 that limit the data collection by onboard devices to
- 2 mileage only.
- 3 Some insurers, however, are interested in devices
- 4 that collect far more data.
- 5 The following is a list of characteristics about
- 6 miles driven suggested by one insurer: mileage by time of
- 7 day and day of the week, mileage by type of road, where
- 8 those miles are driven, mileage by speed intervals, number
- 9 of miles per trip, and number of aggressive maneuvers per
- 10 miles driven such as hard stops, starts or turns.
- 11 Truly, a device that could record all of these
- 12 characteristics would indeed amount to an onboard
- 13 surveillance system, something that we at the Privacy
- 14 Rights Clearinghouse would urge you to reject.
- 15 The argument is made that consumers would have
- 16 choice. They could choose a pay-as-you-drive --
- 17 pay-as-you-drive insurance service or not, and also that
- 18 goes for onboard data collection devices, but in this time
- 19 of economic hardship and consumer belt-tightening, a
- 20 pay-as-you-drive insurance policy that enables a family to
- 21 save money may not seem like much of a choice. It may seem
- 22 more like a necessity.
- 23 I would like to briefly comment on the potential
- 24 for secondary uses of data collected by an onboard device,
- 25 something that, to the best of my knowledge, the proposed

- 1 regulations do not consider or the proposed regulation does
- 2 not consider.
- 3 There is a principle that we use in the privacy
- 4 advocacy world called "the secondary use principle," and it
- 5 says something like this -- and I'm paraphrasing -- data
- 6 that is collected for one purpose shall not be used for
- 7 other purposes without the affirmative consent of the
- 8 individual. And that's the end of that statement of
- 9 principle.
- 10 We at the Privacy Rights Clearinghouse strongly
- 11 recommend that the final regulation prohibit any additional
- 12 uses of data collected by any onboard device.
- 13 In closing, I want to thank you again for the
- 14 opportunity to present our written and spoken comments
- 15 today. Thank you.
- MR. GOODELL: Thank you very much.
- 17 Could Chris Gay come and address us?
- 18 MR. GAY: Good morning. How is the audio check on
- 19 this? Can you to hear me?
- MR. GOODELL: Good.
- 21 MR. GAY: Okay. For the record, my name is Chris
- 22 Gay. I'm the CEO of MileMeter Insurance Company, which I
- 23 will refer to as MileMeter going forward.
- Good morning, audience.
- 25 We have submitted our written comments to the

- 1 panel. Thank you for acknowledging receipt of those. I
- 2 won't be reading from those today, but I would like to
- 3 highlight a few points.
- 4 First and foremost, MileMeter Insurance Company is
- 5 the mythical per-mile auto insurance company. We are alive
- 6 and selling insurance in the state of Texas, and we are an
- 7 admitted and licensed property and casualty carrier in the
- 8 state of Texas.
- 9 We have had a lot of strong grassroots support.
- 10 People like it. They want to buy it. We would like to
- 11 bring it to other markets, including California, which is
- 12 one of the reasons we are taking such an interest in
- 13 proposed regulations, and we have an aim to see them be as
- 14 effective as possible within the commissioner's intent.
- 15 Beth, just so you know what we're up to and the
- 16 panel, we do not use any GPS devices or vehicle-installed
- 17 tracking devices. We went to great pains over five years
- 18 to create a product that we believed in, that we wanted as
- 19 consumers, and we wanted to build as a company.
- 20 We started this company as frustrated consumers,
- 21 and we wanted to create what we considered the cure for car
- 22 insurance.
- 23 Our pricing is the most transparent in the
- 24 industry. It's near linear so that the consumers can
- 25 directly see and realize the benefits of driving fewer

- 1 miles, and therefore, changes in behavior are rewarded,
- 2 which will lead to the environmental and social benefits in
- 3 addition to the pocketbook benefits that an average
- 4 household will receive.
- 5 And I'm sure some of the speakers later today will
- 6 bring up the social and environmental benefits of
- 7 distance-based pricing.
- 8 With regards to the commissioner's intent, stated
- 9 objectives, you have a few suggestions that we believe will
- 10 make the proposed regulations more effective and more
- 11 beneficial for Californians and, at large, the nation as
- 12 California sets the trend for other states to follow.
- 13 Our first suggestion is that, if a consumer
- 14 voluntarily elects to be part of a usage-based insurance
- 15 program or product, the insurer must have the ability to
- 16 require submission or collection of verified odometer
- 17 readings.
- 18 My reading of the proposed regulations right now,
- 19 the insurer is really in the hands of the insured in terms
- 20 of what will be given on a going-forward basis under the
- 21 contract language.
- The proposed regulations allow the insurers to
- 23 adjust premiums or provide discounts only after verified
- 24 mileage has been provided. It's a look-back on a term.
- We believe a look-forward approach will be more

- 1 effective because consumers can see exactly what they are
- 2 buying up front, and they understand what they are buying
- 3 and how they use it and consume it, and ultimately, that
- 4 means they have a transparent and clear incentive to change
- 5 behavior.
- 6 At the end of the day, beyond running a business,
- 7 we want to change behavior. We want to make something that
- 8 rewards our communities and rewards our citizens.
- 9 Our second proposed comment or an addition or
- 10 change to the regulations is that insurers be allowed to
- 11 verify the representations made by policyholders at the
- 12 time of policy purchase.
- 13 For instance, if a consumer agrees to a voluntary
- 14 records check as part of the underwriting process, you come
- 15 to us right now or you come to another insurer offering a
- 16 product like this and you, as a consumer, choose to undergo
- 17 the underwriting process, you should be able to say, yes,
- 18 you can run a records check, go out and get those
- 19 private -- public databases to look at my odometer readings
- 20 of my vehicle to include, but not limited to, emission
- 21 inspection, title transfer, and vehicle service records.
- 22 My -- my read of the proposed regulations, as they
- 23 stand right now, would require that an employer agent of an
- 24 insurance company directly collect this information or that
- 25 a tracking device be used, which, obviously, I would like

- 1 to avoid, or that the insurance companies at the mercy of
- 2 the policyholder supply the data on a voluntary basis going
- 3 forward.
- 4 We simply say and believe that, if someone has
- 5 chosen to enter into an underwriting process, we should
- 6 have the ability to trust, but verify, at all points during
- 7 the underwriting and following policy period.
- 8 Again, such a query would only occur after a
- 9 consumer has consented to a records check as part of a
- 10 usage-based policy underwriting purchase process.
- 11 Thirdly, we would appreciate it if the
- 12 policyholder provided odometer readings to be used as a
- 13 basis for the effective policy period, allowed us to hold
- 14 them accountable.
- 15 Now, in Texas, we can hold people accountable. We
- 16 went through a lot of effort to create a product to save
- 17 people money, and anywhere we could trim the costs in the
- 18 process that allowed us to pass through a lower rate to the
- 19 consumer, and so please keep in mind our suggestions here
- 20 are aimed at providing the lowest possible rate to
- 21 consumers.
- 22 With that said, the insurer must have the ability
- 23 to refuse coverage and deny claims if it is discovered that
- 24 the policyholder provided fraudulent statements or data or
- 25 materially misrepresented their state at the time of

- 1 underwriting or during the effective policy period.
- 2 If at any time during a policy period it becomes
- 3 apparent that the policyholder provided a false or
- 4 misleading representation of their odometer reading or the
- 5 condition of the odometer to the insurer, we strongly
- 6 believe the insurance company must have the ability to deny
- 7 claims, because coverage should not be enforced due to the
- 8 fraud and material misrepresentation.
- 9 Again, you give people the choice to choose
- 10 between name-brand beings and generic beings, if they make
- 11 the choice, they should know that with the cost savings
- 12 comes some responsibility, and they need to tell the truth.
- 13 As long as consumer disclosures occurred by the
- 14 purchase process and the insurance company makes a best
- 15 effort to verify the status of the insured and the
- 16 insured's vehicle at time of underwriting, we request that
- 17 a stipulation be added for fraud and material
- 18 misrepresentation.
- 19 Again, our objective is to offer the best product
- 20 at the best price to the consumer, ultimately benefiting
- 21 Californians and the nation.
- Our fourth suggestion is that policy periods be
- 23 denominated where you allow for policy periods -- for
- 24 usage-based insurance be denominated in units of time and
- 25 units of distance or a combination thereof.

- 1 The proposed regulations appear to assume that
- 2 insurance can only be sold in a six- or 12-month increment,
- 3 and at MileMeter, we sell, for instance, between one and
- 4 6,000 miles of coverage at a time. They are good until
- 5 they are consumed or driven or until six months transpires.
- 6 They have an expiration.
- 7 We put an expiration on those miles to encourage
- 8 people to, first, buy as little as they need. We honestly
- 9 want households to focus on affordability. Just use what
- 10 you need. You can always come back and buy more.
- 11 Second, there's always a cost as insurance
- 12 companies -- those in the industry know this -- there's
- 13 always a cost to extending coverage.
- 14 And third, some damages or some coverages like
- 15 collision and comprehensive have time-based components, and
- 16 in four and five years of R&D, my experience and the
- 17 experience of my team and my investors is that there is
- 18 more than one way to do this. We believe we are doing it
- 19 the best way possible, and we simply ask the government of
- 20 California, citizens of California, to bring what we
- 21 believe is the best product for consumers to your state.
- 22 We are simply -- it's all we're asking for.
- Finally, and most importantly, in our opinion,
- 24 because we believe, again, that there's more than one way
- 25 to do business, we ask that in order for usage-based

- 1 insurance to be provided to California consumers in a
- 2 timely fashion, we recommend modifying California Insurance
- 3 Code Section 716 to waive the seasoning barriers for
- 4 usage-based insurance providers.
- 5 Gentlemen, we would be in your state doing
- 6 business next year. We are a licensed and admitted carrier
- 7 in the state of Texas and have undergone the full uniform
- 8 certificate of authority process.
- 9 If a carrier meets your capital and surplus
- 10 requirements, your normal financial requirements, that are
- 11 otherwise authorized to do business under the
- 12 certificate-of-authority process, we ask that you waive the
- 13 seasoning requirements for a usage-based insurance carrier
- 14 to come to your state, so we can address this market need
- 15 and benefit your state and its citizens.
- 16 Ultimately, we believe that these proposed
- 17 suggestions will help achieve the objectives of the
- 18 commissioner and your panel for the proposed pay-drive and
- 19 usage-based insurance regulations.
- 20 I would like to thank the panel, and thank you and
- 21 the audience for listening so intently, and obviously, we
- 22 will be available for questions at any time should the
- 23 panel like to ask us any further on or off line.
- MR. GOODELL: Thank you.
- Dorothy Glancy, if you could come up and address

- 1 the panel.
- MS. GLANCY: I'm a little bit shorter, I think,
- 3 than he was.
- 4 My name is Dorothy Glancy. My surname is spelled
- 5 G-l-a-n-, like Nancy, c-, like Charlie, y, like yes. I am
- 6 from Santa Clara University, School of Law.
- 7 And I thought I might begin by saying that my
- 8 interest in these regulations comes from two sources: One,
- 9 I teach administrative law, and I'm interested in
- 10 regulatory changes, particularly at the state level here in
- 11 California.
- 12 I also teach privacy law and have worked with
- 13 privacy and technology for about 30 years.
- 14 I'm one of the few lawyers in the country who
- 15 works on the privacy implications of intelligent
- 16 transportation systems, the kinds of smart cars and devices
- 17 that are the subject matter of this regulation, and I would
- 18 be very happy to answer any questions you may have about
- 19 that intersection, since I'm here and might be of some
- 20 assistance to you.
- 21 I have a set of written comments that are fairly
- 22 lengthy, and I will not, of course, repeat them, but I make
- 23 about six different points, and I'm going to try and boil
- 24 those down to about four.
- In the -- to begin with, let me say that I think

- 1 the regulation is refreshingly short; that is, it's very
- 2 nice to see regulations that don't go on for turgid page
- 3 after turgid page. However, it seems to me that they are
- 4 missing some detail that is important both with regard to
- 5 the consumer choice and with regard to privacy, and I'll
- 6 just mention a few of those. The rest of them, of course,
- 7 are in my written comments.
- 8 To begin with, the proposed regulation talks about
- 9 the adjustment of premiums at the end of the premium period
- 10 but doesn't seem to indicate whether that ratchet -- that
- 11 change would be both upward and downward nor does the
- 12 regulation provide any process or specify any process for
- 13 the calculation of those changes.
- 14 In my written comments, I have some regulatory
- 15 language that would do that and make it clear that you
- 16 begin with a set of estimated mileage, then you compare it
- 17 at the end, and the difference between how much less you
- 18 drove, you would get a rebate from the insurance company
- 19 and if you drove more, then you expected you would, of
- 20 course, pay at the same miles per -- same dollars-per-mile
- 21 rate.
- It seems to me that's a very important detail that
- 23 is missing from the regulation and really makes consumer
- 24 choice kind of unfriendly, I guess we would say it that
- 25 way.

- 1 The other area that is missing is the definition
- 2 about the technological devices.
- 3 Beth Givens, at the beginning of this hearing,
- 4 mentioned that there should be an exclusion of GPS and
- 5 tracking devices.
- 6 I provided in my comment letter some language that
- 7 would do that. It seems to me that it's extremely
- 8 important that the regulations really follow up on and make
- 9 good the promises of the commissioner of insurance at
- 10 repeated press conferences that any technological devices
- 11 associated with these regulations, with this kind of
- 12 mileage-based insurance, would not include the GPS devices
- 13 for which he has and his former company have a number of
- 14 patents nor would they include a variety of tracking
- 15 devices built into cars, and that's an area where I am a --
- 16 an expert.
- 17 We are currently working on devices that will be
- 18 built into cars that will constantly transmit information
- 19 of a variety of sorts. None of that information under the
- 20 current program would be available to insurance companies
- 21 as part of the privacy framework for the vehicle
- 22 infrastructure integration program, and it seems to me that
- 23 that is very important.
- 24 The regulations also seem to indicate that some
- 25 kind of technological device is going to magically appear

- 1 from somewhere, and it may be that you're talking about
- 2 having the insurance company install the device and own the
- 3 device.
- 4 It may be that you are talking about piggybacking
- 5 on devices that are built into cars, the sensing and
- 6 diagnostic modules that I could explain to you, if you are
- 7 interested in learning about them, and how much
- 8 privacy-related data they would transmit if the insurance
- 9 company were to be able to tap into that source of
- 10 information -- extremely valuable, quite personal
- 11 information that the insured would often be kind of
- 12 hoodwinked into giving to the insurance company unless you
- 13 are very careful with regard to the kinds of privacy
- 14 protections that you provide.
- 15 In addition, this regulation will create a whole
- 16 new category of information, and that is vehicle miles
- 17 driven.
- 18 In my comment letter, I suggest that there is a
- 19 really desperate need to amend the privacy regulations for
- 20 the Department of Insurance, which are dated 2003 and are
- 21 out of date anyway. They need to be amended to keep up
- 22 with some of the changes in the authorizing legislation
- that became effective at the beginning of 2007.
- But in any event, with regard to this information,
- 25 it needs to be clearly designated as nonpublic personal

- 1 information that shall not be disclosed to anyone for any
- 2 purpose. It seems to be a very important omission in the
- 3 regulatory program.
- 4 And just finally, in my comment letter, I mention
- 5 a number of unintended consequences that might follow from
- 6 the adoption of these regulations, and I provided the
- 7 department with a -- with access -- with a citation to a
- 8 study that was done in Oregon that was just completed this
- 9 past summer that shows that these pay-by-mile systems tend
- 10 to be highly regressive; that is that that they would fall
- 11 more heavily on poor people than they would on rich people,
- 12 and that that is a consideration that the Department of
- 13 Insurance ought to be taking into account and one which
- 14 they have not studied; that is, for which there is no
- 15 information.
- 16 The Oregon study shows that such information is
- 17 possible to acquire, and that economists are studying these
- 18 kinds of issues in other states. Why not look carefully
- 19 before we leap into a system that may have some really
- 20 fairly undesirable, unintended consequences?
- 21 And I thank you for your attention, and if I can
- 22 be of help, I'm happy to be of help at any time.
- MR. LAUCHER: I have one question. The
- 24 regulations only deal with mileage and another way to
- 25 measure mileage, basically.

- 1 Are you, in your written materials or here,
- 2 objecting if the device -- objecting to a device that might
- 3 collect more information, even though that information
- 4 would not be utilized in terms of California rating law?
- 5 MS. GLANCY: I'm not sure that I understand what
- 6 you mean. If you are talking about the sensing and
- 7 diagnostic modules that come in various sorts, then they --
- 8 that include odometer ratings, I'm objecting to information
- 9 from those devices in addition to the mileage driven going
- 10 to the insurance companies. They have no need for it.
- 11 They have no right to it.
- 12 It seems to me that the mileage driven itself, are
- 13 you driving more miles this six-month period than you were
- 14 in the last six-month period, is personal information, is
- 15 related to an individual, and does deserve protection.
- 16 Currently, the insurance companies have odometers.
- 17 Mr. Getti's company is able to deal with
- 18 mileage-based insurance based on reading odometers that are
- 19 a technological device that are built into vehicles, have
- 20 been built into vehicles for, what, 50, 60 years. They are
- 21 protected under federal law. They are protected under
- 22 state law from tampering. They are about as good a
- 23 mileage-counting device as you are likely to get.
- So it seems to me that the need for some other
- 25 kind of technological device to feed information of any

- 1 sort to an insurance company is probably not necessary.
- 2 MR. LAUCHER: Thank you.
- 3 MR. GOODELL: Thank you.
- 4 Sam Sorich.
- 5 MR. SORICH: Good morning, I'm Sam Sorich,
- 6 S-o-r-i-c-h, and I represent the Association of California
- 7 Insurance Companies, ACIC.
- 8 Later on today, ACIC and the Personal Insurance
- 9 Federation of California will submit a joint statement to
- 10 the department on these proposed amendments, and attached
- 11 to our statement will be -- and another statement that was
- 12 prepared on our behalf by Shawna Ackerman of Pinnacle
- 13 Actuaries, so you will be receiving that information later
- 14 on today. I will not read our statement or Ms. Ackerman's
- 15 statement.
- 16 But ACIC and the Personal Insurance Federation of
- 17 California both support this effort to determine the
- 18 mileage factor based on actual mileage rather than
- 19 estimated mileage. We believe that this is a positive
- 20 step.
- 21 We also support the goals of the regulations to
- 22 encourage people to drive less and to create financial
- 23 incentives for California drivers who limit their driving.
- However, in order to achieve these goals, the amendments as
- 25 drafted should be changed.

- 1 And in our statements, we indicate three areas
- 2 where changes are needed: one, to change the provisions
- 3 relating to the verification process; two, to address
- 4 language in section 2632.5(e) that as, at least, applied by
- 5 the department restricts the combining or interaction of
- 6 rating factors; and then, three, we believe that it's
- 7 necessary in order to achieve the goals of pay-as-you-drive
- 8 to adopt additional rating factors.
- 9 On the first point on the verification process, as
- 10 we read the verification process, it can be done in one of
- 11 three ways, either the odometer readings, the information
- 12 from a repair shop, or technological devices.
- 13 The amendments, as drafted, could be read to mean
- 14 that only one of these methods could be used. We see no
- 15 reason to restrict -- for a reading like that. I think it
- 16 should be made clear that a company could decide to use
- 17 more than one method to verify mileage.
- 18 The second point here on the odometer readings,
- 19 the regulations as the amendments as adopted would allow an
- 20 agent or an employee of an insurance company to get the
- 21 odometer readings.
- That may not work for many companies who may not
- 23 have agents or employees in the area, so we -- we would
- 24 suggest that the odometer readings be able to be authorized
- 25 to be performed by any reliable source or any third-party

- 1 vendor.
- 2 And then also, as was mentioned, the amendments as
- 3 drafted restrict the receipt of information from an auto
- 4 repair dealer. That must be done through the policyholder.
- 5 We don't see any good reason why that needs to be done.
- 6 There should be a direct -- there should be direct access
- 7 by an insurance company to service records from an auto
- 8 repair dealer.
- 9 And then lastly, we don't have any need to
- 10 restrict mileage verification information from just auto
- 11 dealers. It could be a variety of sources out there, so we
- 12 could suggest, and we've suggested in our written comments,
- 13 the ability to provide verification from other sources.
- 14 Some sources may not even be known today.
- 15 And just a footnote to the whole verification
- 16 process -- and it's highlighted in Ms. Ackerman's
- 17 comments -- there will be costs attendant to verifying
- 18 mileage. There will be costs in just obtaining the
- 19 information and also be additional costs of billing -- more
- 20 billings and premium modifications going out to customers.
- 21 We are concerned that those additional costs may
- 22 not be and appeared not to be recognized in the existing
- 23 efficiency standards in the prior approval regulations, and
- 24 as you know, the efficiency standard is based on a period
- of time, a three-year average, and in order to encourage

- 1 companies to immediately get involved in verifying mileage,
- 2 we would suggest consideration be given to a variance,
- 3 because it doesn't appear that any of the existing
- 4 variances would fit here, but a variance to allow companies
- 5 to recognize these additional costs.
- 6 Our second point on the combining of rating
- 7 factors, from information that we have from our member
- 8 companies, it appears that the way the department is
- 9 interpreting Section 2632.5(e), especially the second
- 10 sentence of that provision, it creates an inherent
- 11 limitation on the significance that can be given to
- 12 verified mileage.
- 13 And I think Mr. Frazier is going to address those
- 14 issues in his comments, and they are detailed in Ms.
- 15 Ackerman's written statement.
- 16 Lastly, on the adoption of additional rating
- 17 factors, after the workshop on June 23rd, we provided to
- 18 the department about 15 studies and academic research on
- 19 pay-as-you-drive, and those papers recognize that, you
- 20 know, the goals -- they recognize goals of pay-as-you-drive
- 21 are to reduce driving, to improve equity in insurance
- 22 rating, and to create safer driving conditions.
- 23 The studies that we have reviewed conclude that
- 24 those goals cannot be fully achieved simply by verifying
- 25 mileage. More needs to be done.

- 1 The Brookings Institution's paper on
- 2 pay-as-you-drive, which was just released this year, says,
- 3 quote: While adding mileage to the rating mix will
- 4 increase efficiency and equity in auto -- in the auto
- 5 insurance market, even more can be done to price auto
- 6 insurance more accurately and efficiently. Optimal
- 7 premiums would incorporate other factors that contribute to
- 8 accident risk such as speed, time of day, and
- 9 aggressiveness, unquote.
- 10 And the statement in the Brookings Institution's
- 11 paper is consistent with research that we note in our
- 12 statement.
- 13 There was a study done last year on the Minnesota
- 14 Department of Insurance's pay-as-you-drive program. It
- 15 concluded that the pay-as-you-drive program did result in a
- 16 reduction of miles driven, but that program was not limited
- 17 to just verified mileage. It also gathered information on
- 18 the time of the day and the day of the week that the car
- 19 was driven.
- 20 There was another study in -- it was done in the
- 21 Netherlands last year on a pay-as-you-drive program that
- 22 concluded that, in terms of safety, simply gathering
- 23 information on verified -- verifying mileage had no
- 24 significant impact on safety, and that in order to make a
- 25 difference in safe driving, more information was needed

- 1 to -- to combine that information with simply verifying the
- 2 mileage.
- 3 So our recommendation is that additional optional
- 4 rating factors should be adopted. We think the optional
- 5 ratings factors are consistent with the goals of
- 6 pay-as-you-drive, and the optional factors that we would
- 7 suggest would allow a company to consider when is a car is
- 8 driven, how a car is driven -- and by that, we mean speed
- 9 and acceleration and braking patterns -- and then finally,
- 10 consideration for the road conditions where a car is being
- 11 driven.
- 12 We believe that without the incorporation of those
- 13 additional optional rating factors, simply verifying
- 14 mileage will not allow pay-as-you-drive to achieve its
- 15 stated goals of reducing driving, creating fairer
- 16 insurance, and creating safer driving. So thank you.
- 17 MR. LAUCHER: I do have one question. Just ask,
- 18 as to the way that mileage is reported or obtained from the
- 19 insurance company, did any of your members say that they
- 20 might want to receive those mileage reports directly from
- 21 the consumer in certain instances or --
- MR. SORICH: Yes.
- 23 MR. LAUCHER: -- at least interim basis?
- MR. SORICH: Yes, yes, and that's the purpose of
- 25 our suggesting that additional methods be made available.

- 1 I think that is an option that should be explored and made
- 2 available.
- 3 MR. LAUCHER: Thank you.
- 4 MR. GOODELL: In terms of your comment that
- 5 insurers should be able to get the information directly
- 6 from service providers, vehicle repair shops and so on, is
- 7 that a suggestion that they would use databases for this
- 8 type of thing or that they would contact vehicle repair
- 9 service for individual insurers or --
- 10 MR. SORICH: We -- we would suggest that the
- 11 insurer have the ability to obtain that information from --
- 12 either directly from a repair shop or from databases that
- 13 are available. So I think your question reflects our
- 14 concern that the options that are stated are maybe too
- 15 confining, and in order to effectively verify mileage in a
- 16 fair way, that other options besides the three stated
- 17 should be made available.
- 18 MR. GOODELL: Great. Thank you.
- MR. SORICH: Thank you.
- 20 MR. GOODELL: Rex Frazier.
- MR. FRAZIER: Good morning.
- 22 MR. FRAZIER: My name is Rex Frazier,
- 23 F-r-a-z-i-e-r. I am president of the Personal Insurance
- 24 Federation of California.
- We represent a significant portion of the auto

- 1 insurance industry in California, and so my comments
- 2 necessarily will reflect the views of multiple companies
- 3 rather than any one particular competitor.
- 4 For us, the proposal that the department
- 5 circulated is a good first step, and really instead of
- 6 pay-as-you-drive, I think it more resembles an extension of
- 7 the mileage verification regulations that we've discussed
- 8 in the past and really a necessary next step, because
- 9 really the proposal that the department has circulated is
- 10 nothing more than the current system with some enhanced
- 11 ability to verify mileage under the existing rules.
- 12 And while important, at this point, the feedback
- 13 we've received from our member companies is that this could
- 14 lead to possible incremental improvements in the auto
- 15 rating system, but it doesn't match really the public
- 16 rhetoric that we've seen in the popular press coverage, and
- 17 as a result, we have a concern of overpromising and really
- 18 trying to create realistic expectations for what the
- 19 consumers will see in the marketplace.
- 20 At this point, the statement has been made several
- 21 times that, under a pay-as-you-drive proposal, we could see
- 22 discounts 15, 20, 25 percent, and the proposal that we have
- 23 before us, I'm not sure that really matches that type of a
- 24 promise.
- Now, it's our hope that we could get a set of

- 1 rules that ultimately would allow that type of market
- 2 innovation and would allow consumers to find the type of
- 3 carrier that would result in them obtaining such discounts
- 4 because, ultimately, the goal we submit is for the
- 5 department to promulgate a set of regulations that are
- 6 flexible enough so that the market participants can pursue
- 7 their individual specialties and go out and provide a whole
- 8 range of options so that consumers can seek their
- 9 discounts.
- 10 With what we have now, I don't believe that we are
- 11 there.
- 12 Insurance is not a commodity.
- 13 There are some consumers who want to buy on price.
- 14 There are some consumers who might adopt an option that is
- 15 a flat -- flat per-mile approach, and that's perfectly fine
- 16 for the marketplace. There are others who that may not be
- 17 what they want.
- 18 And in California, we just can't use annual
- 19 mileage. We also have to use the other mandatory factors,
- 20 so it's a little more complicated here.
- 21 And our hope is to get to the point where, in a
- 22 manner consistent with Proposition 103, we can have a range
- 23 of discounts that people can pursue.
- 24 The important thing is that under the
- 25 Spanish-speaking citizens case here in California, the

- 1 department has extensive discretion under Proposition 103
- 2 to adopt changes to the auto rating system, and often times
- 3 people might view Proposition 103 as a straitjacket, but in
- 4 this instance, in these circumstances, Prop 103 actually
- 5 provides us with quite an opportunity for the department to
- 6 promote the flexibility in market innovation.
- 7 We are excited by the prospect that the department
- 8 can truly do something that leads to an innovative system
- 9 that just doesn't exist anywhere else in the country.
- 10 With that, would I like to offer one additional
- 11 change in addition to what Sam Sorich had outlined.
- 12 In section 2632.5(e), that's a section in the
- 13 regulations which governs how rating factors can interact,
- 14 and just a simple example of the power of interaction is
- 15 the Prop 103 good-driver discount. The Prop 103
- 16 good-driver discount is really how long you have been
- 17 driving plus driver safety record, and when those two
- 18 factors are looked at together, then a new discount can be
- 19 obtained.
- 20 2632.5(e) limits the type of interaction that is
- 21 available to the third mandatory factor and a handful of
- 22 optional rating factors.
- 23 And as we're considering really how to move the
- 24 needle on invasion and to really embark upon a system that
- 25 provides significant discounts, we submit that it would be

- 1 productive and beneficial to all involved to really take a
- 2 hard look at whether the restrictions in 2632.5(e) are
- 3 necessary.
- 4 If a market participant believes it can put
- 5 together a way to rate based on allowing multiple rating
- 6 factors to interact, it should be able to at least petition
- 7 the department for allowance to do that because, in the
- 8 end, the department does control what can happen in the
- 9 marketplace.
- 10 The department would approve a class plan, and so
- 11 there shouldn't be a concern that it would be the wild West
- 12 and that companies could do whatever they want, unchecked
- 13 by the state. Far from it, and we're content to live
- 14 within that approval system.
- 15 In proposing this -- and we will have a more
- 16 detailed proposal in the written comments that we submit --
- 17 we do want to be sensitive to the concerns that are always
- 18 expressed about the use of territory, because that can be a
- 19 controversial topic, and so in our proposal, we would omit
- 20 interaction involving the two territorial variables
- 21 completely from the proposal. We don't want that to be a
- 22 distraction from what really should be a joint exercise
- 23 here in trying to promote as much innovation as possible
- 24 and to allow as many interactions as a company could
- 25 justify to the Department of Insurance.

- 1 In the end, our hope is that the department would
- 2 really move beyond the mileage verification aspects of this
- 3 and really challenge the industry and, frankly, empower the
- 4 creativity of those in the industry to come up with a range
- of discounts because, in the end, even though there are so
- 6 many different competitors and they are out there and they
- 7 want to be coming up with just that next step that's going
- 8 to lead them to increased success, and in the end, we view
- 9 the public is benefiting from that type of approach.
- 10 So with that, thank you.
- 11 MR. GOODELL: Thank you for your comments.
- Justin Horner.
- 13 MR. HORNER: Good morning. I have shortened my
- 14 comments to make sure I'm not repeating anything that was
- 15 said.
- 16 My name is Justin Horner, H-o-r-n-e-r. I'm with
- 17 the Natural Resources Defense Counsel, also known as NRDC.
- 18 On behalf of NRDC, which has 1.2 million members
- or activists, 214,000 of them are Californians.
- 20 We thank the Department of Insurance for its
- 21 efforts to implement usage-based auto insurance here in the
- 22 state of California.
- 23 As cosponsors of AB-32, California's Global
- 24 Warming Solutions Act, NRDC is committed to identifying
- 25 strategies that allow California to reach our global

- 1 warming pollution goals.
- 2 California has strong policies in place to reduce
- 3 emissions from vehicles and to reduce the carbon intensity
- 4 of fuels, but the California Energy Commission tells us
- 5 that, if we do not reduce the number of vehicle miles
- 6 traveled, or VMT, from California drivers, the
- 7 environmental benefits of these other two strategies could
- 8 be entirely neutralized.
- 9 So we appreciate pay-as-you-drive as a policy that
- 10 can reduce VMT and have an environmental impact.
- 11 NRDC was also a cosponsor --
- 12 THE REPORTER: I'm sorry. Could I have you slow
- 13 down?
- 14 MR. HORNER: NRDC was also a cosponsor of the
- 15 recently signed SB-375, a groundbreaking reform that, for
- 16 the first time in American history, ties land use and
- 17 transportation decision-making to climate change and the
- 18 reduction in vehicle miles traveled.
- 19 Governor Schwarzenegger called it the sequel to
- 20 AB-32.
- 21 By opening up the largest auto insurance market in
- 22 the nation, pay-as-you-drive, the insurance commissioner's
- 23 made a bold move for California's drivers and for the
- 24 environment.
- 25 But to realize --

- 1 MR. GOODELL: I just repeat the request to slow
- 2 down. The reporter is having a little difficulty.
- 3 MR. HORNER: I'm sorry.
- But to realize these benefits, pay-as-you-drive
- 5 insurance needs to become a reality, and while permitting
- 6 pay-as-you-drive is essential, getting pay-as-you-drive
- 7 policies written and in glove compartments of California
- 8 drivers is the real goal.
- 9 From an environmental standpoint, reductions in
- 10 vehicle miles traveled will lead directly to reductions in
- 11 global warming pollution.
- 12 Studies differ, but all point to reductions in VMT
- 13 with pay-as-you-drive.
- 14 Less VMT also means safer streets and lesser
- 15 congestion.
- 16 NRDC's own analysis, based on a range of VMT
- 17 reductions from four to eight percent in a modest
- 18 15-percent participation rate among California drivers,
- 19 projects a reduction range of 1.3 to 2.6 million metric
- 20 tons of CO2 by 2020.
- 21 For scale, the governor's million solar roofs
- 22 initiative promises 2.1 million metric tons.
- 23 We believe even greater reductions are possible
- 24 with more widespread utilization of pay-as-you-drive.
- As a result, it is NRDC's recommendation that

- 1 insurance companies in the state of California be required
- 2 to offer a pay-as-you-drive-type product to their
- 3 customers.
- 4 Customers can choose to stay with their policies,
- 5 but the only way you can guarantee the effective
- 6 availability of a product known to reduce driving pollution
- 7 is to require companies to at least offer it to their
- 8 customers.
- 9 To ease implementation, to offer a straightforward
- 10 product easily grasped by the public, we would broadly say
- 11 that pay-as-you-drive is a policy that has mileage as the
- 12 unit of exposure requires verification of mileage only, has
- 13 the narrowest feasible mileage bans, has a minimum
- 14 percentage of premium tied to miles driven.
- 15 An alternative recommendation would be to require
- 16 insurance companies to verify the miles of all of their
- 17 customers.
- 18 This could be accompanied by efforts to improve
- 19 the clarity in relative weight of mileage, a second
- 20 mandatory rating factor, with the goal of migrating all
- 21 auto insurance in California towards a pay-as-you-drive
- 22 approach.
- The use of mileage as the unit of exposure is
- 24 critical.
- 25 Proposition 103 clearly sets forth as the second

- 1 mandatory rating factors the number of miles driven
- 2 annually.
- 3 There is a clear relationship between the number
- 4 of miles an individual drives in that driver's practice.
- 5 For the purposes of pricing, the mile is easily an
- 6 understood unit.
- 7 Drivers clearly recognize the benefits and
- 8 trade-offs of driving an additional mile for a specific
- 9 price, and vehicle miles traveled is also the standard unit
- 10 of measure with respect to transportation of land use
- 11 planning policy related to environmental and climate change
- 12 policy and is easily obtainable with minimal interference
- 13 on driver privacy.
- 14 For all of these reasons, NRDC believes
- 15 pay-as-you-drive should be a mileage-only product.
- 16 NRDC does not contest, however, that there are
- 17 other aspects of driving behavior that have environmental
- 18 impact.
- 19 Acceleration and deceleration behavior,
- 20 maintenance, load weight, tire inflation, and other factors
- 21 can improve the environmental performance of an automobile.
- 22 To the extent that these factors relate to crash
- 23 risk, NRDC is not opposed to their consideration in any
- 24 future proceeding.
- Our concern, however, is that the introduction of

- 1 new optional rating factors could prolong the rule-making
- 2 process, delaying the introduction of pay-as-you-drive, a
- 3 program demonstrated to increase VMT and global warming
- 4 pollution, and future proceedings would begin from a
- 5 foundation of this mileage-based pay-as-you-drive product,
- 6 which is a significant improvement over current business
- 7 practice.
- 8 Thank you very much for your time and attention.
- 9 Sorry about the speed.
- MR. GOODELL: Thank you.
- 11 Carmen Balber.
- 12 MR. BALBER: I may have the same speed problem, so
- 13 wave at me if I do. I tend to run on quickly.
- 14 It's Carmen Balber -- that's B-a-l-b-e-r -- with
- 15 Consumer Watchdog.
- 16 We want to thank the department for moving forward
- 17 with regulations that would more aggressively implement the
- 18 second mandatory factor, number of annual miles driven.
- 19 And we think the priority of any new regulations
- 20 to do this have to be narrower mileage driven, if we intend
- 21 to create incentives for drivers to drive less and more
- 22 closely tied premiums to annual miles driven.
- I think Danny said that the primary goal of these
- 24 regs was to close the correlation between miles driven and
- 25 premiums.

- 1 So we think narrower mileage bans are necessary
- 2 for that and think the department should set a maximum
- 3 width for all insurance companies to meet, one maximum
- 4 width that would go across the industry, and maybe that
- 5 would be in the 2,000, 3,000 miles, and then a second
- 6 maximum width for those companies that would earn what we
- 7 call the green seal of approval from the department at the
- 8 workshop proceedings before.
- 9 That kind of green seal that we talked about
- 10 before, the criteria for which would be a way to reward
- 11 companies with a marketing incentive with a competitive
- 12 advantage for setting even more mileage bans, and we would
- 13 see those bans in the range of 500, 250, very small mileage
- 14 bans in the hundreds range.
- 15 This would create a recognizable correlation for
- 16 drivers between how far they drive and what their premium
- 17 is.
- 18 And I think if we look at the market right now,
- 19 there are some insurers that simply have bans that are so
- 20 wide that the connection is completely -- is completely
- 21 hidden for drivers.
- We shouldn't be trying to import a
- 23 pay-as-you-drive program from other states, and I think
- that's kind of where the regulations are geared towards
- 25 right now, by creating the idea of a voluntary program that

- 1 would rate people differently or provide some sort of
- 2 different discount based on verified or estimated mileage.
- 3 We should be trying to implement 103's mandate
- 4 that miles driven is a secondary primary factor.
- 5 Frankly, we already have pay-as-you-drive
- 6 insurance in California, and we're the only state that
- 7 requires it.
- 8 And no matter how you try and structure, if a
- 9 program sets up different rates or different prices for
- 10 people with voluntary estimated -- with verified and
- 11 estimated mileage, it's not going to comply with
- 12 Proposition 103.
- 13 So to get there, we think these narrower mileage
- 14 bans are important.
- 15 We also agree with the environmental groups that
- 16 mandating mileage verification across the board for all
- 17 companies and all consumers is a way to get around that
- 18 tension between verifiers and estimators. It's also a way
- 19 to answer the insurance industry's concern that they can't
- 20 really closely tie rates to miles because they don't know
- 21 how far we drive.
- We would also just add, in addition to what the
- 23 privacy organizations say, that we don't think the
- 24 regulations as they are drafted right now are explicit
- 25 enough about protecting consumer privacy and that

- 1 consumers, and not just insurance companies, need mileage
- 2 verification options, so we agree with some of the
- 3 additional suggestions -- service stations, smog check,
- 4 et cetera.
- 5 We think self-reporting is very important.
- 6 As the MileMeter guy said, they have people who
- 7 report their miles, and that works just fine.
- 8 But obviously, if we're going to require mileage
- 9 verification, we also have to allow insurance companies to
- 10 set some sort of minimum standard for how consumers have to
- 11 verify mileage.
- 12 We think a logical way to do that is set it
- 13 according to the way that the driver applied for their
- 14 insurance policy.
- 15 So I'm a person who had to go their agent's
- 16 office -- had to go to an agent's office to fill out the
- 17 application and have my car looked at, et cetera, it would
- 18 be reasonable to require that driver to go back to the
- 19 agent's office to have their odometer checked.
- If I completed the entire proceeding online, I
- 21 should be able to submit my mileage for verification
- 22 online.
- 23 It's for insurance companies, because they are
- 24 already accepting data provided by policyholders in that
- 25 way.

- 1 It would work for consumers because we're not
- 2 adding any additional verification burden that they haven't
- 3 already accepted to in applying for that auto insurance.
- 4 And then we would just add that the regulation
- 5 should also explicitly ban insurers from requiring tracking
- 6 devices, and although we know this is the stated intent of
- 7 the commissioner, it's not explicit. Ban insurance
- 8 companies from charging drivers differently based on
- 9 whether or not they use technology, and limit the use of
- 10 that technology to collecting mileage only.
- 11 All of this other data that has been suggested --
- 12 braking patterns, time of day, speed, all of that
- 13 information -- doesn't fit within the current system.
- 14 There's no rule right now that would allow it, so they need
- 15 additional rating factors. They can't be combined with a
- 16 second mandatory factor. It's the number of annual miles.
- 17 Frankly, they raise a lot of the same fairness and
- 18 privacy concerns that are raised with mileage when you talk
- 19 about requiring the use of technology, because you cannot
- 20 track that information without the use of technology.
- 21 We think there are a lot more questions when we
- 22 talk about adding these additional factors in, and we would
- 23 urge you to limit our discussion now to the best way to
- 24 implement the mileage mandatory factor and leave the
- 25 confusion of those additional factors for another time.

- 1 Thanks.
- 2 MR. GOODELL: Thank you.
- 3 Laura Novarro.
- 4 MS. NAVARRO: Hi, I'm Laura Navarro from
- 5 Environmental Defense Fund, N-a-v-, as in Victor, a-r-r-o.
- 6 Environmental Defense Fund is a national
- 7 organization dedicated to find environmental solutions that
- 8 also improve the economy.
- 9 To be honest, I was planning on reading my
- 10 comments today, so I went through and shortened everything.
- But first, we would like to congratulate the
- 12 insurance commissioner and the Department of Insurance for
- 13 trying to tackle this huge greenhouse gas emitter that is
- 14 transportation in the state of California. It produces 28
- 15 percent -- personal transportation produces 28 percent of
- 16 California's greenhouse gasses, and this is something we
- 17 have control over every day of our lives.
- 18 The pay-as-you-drive insurance regulations try to
- 19 get at that, but still these regulations should take
- 20 further steps to ensure that pay-as-you-drive insurance
- 21 meets its promise for environmental benefits and consumer
- 22 cost savings in California.
- 23 A study by the Brookings Institute (sic) showed
- 24 that nearly two-thirds of households in California would
- 25 have lower premiums under pay-as-you-drive, saving an

- 1 average of \$276 per vehicle per year.
- 2 Low-income drivers have the most to gain.
- 3 Every household income group making less than
- 4 \$47,500 a year saves money on average. That's every
- 5 household and income group.
- 6 Even in higher-income groups, more than half of
- 7 all households saved money. Just as many rural drivers
- 8 would save as urban drivers would because geography is a
- 9 key factor in determining insurance rates.
- 10 All drivers would benefit from decreased accidents
- 11 because driving less makes driving safer.
- 12 All of these statistics from the Brookings
- 13 institution assumed that pay-as-you-drive insurance was
- 14 offered -- was implemented universally in the state of
- 15 California.
- 16 In addition to these huge benefits for the
- 17 environment and huge savings for consumers,
- 18 pay-as-you-drive offers huge savings to the insurance
- 19 industry.
- 20 The problem is that externalities create a barrier
- 21 until it is a widespread practice.
- 22 Research shows that the greater the market
- 23 penetration of pay-as-you-drive, the more accident
- 24 externalities of subsequence are reduced, increasing
- 25 monetary savings for insurance companies.

- 1 Each driver that reduces their savings -- reduces
- 2 their driving saves themselves the potential cost of
- 3 getting in accident and also reduces the risk that drivers
- 4 around them will get into an accident.
- 5 Drivers who choose not to reduce their driving
- 6 benefit from the other drivers' conscious decision to drive
- 7 less.
- 8 On a larger scale, insurance companies that
- 9 encourage reductions in driving by offering a
- 10 pay-as-you-drive product provided uncompensated benefit to
- 11 other insurance companies.
- 12 Conversely, when all insurance companies provide
- 13 pay-as-you-drive insurance, all insurance companies
- 14 mutually benefit.
- 15 If pay-as-you-drive is voluntary, the first
- 16 several insurance companies who offer pay-as-you-drive
- 17 programs will take more risks that their costs will not be
- 18 outweighed by their gains.
- 19 Insurance companies incur some monetary costs
- 20 associated with pay-as-you-drive insurance, but studies
- 21 show that these costs are far outweighed by gains from
- 22 reduced accident payouts when pay-as-you-drive is adopted
- 23 on a large scale.
- While individual insurance companies will save
- 25 money by implementing a pay-as-you-drive program, it also

- 1 bears the cost of monitoring when many of the gains are
- 2 external.
- 3 When pay-as-you-drive is implemented on a larger
- 4 scale, that insurance company also benefits from the other
- 5 insurer's program and saves substantially more money in
- 6 reduced accident payout.
- 7 The way to overcome this initial barrier to
- 8 pay-as-you-drive insurance is to increase its market
- 9 penetration.
- 10 There are many ways to boost market penetration of
- 11 pay-as-you-drive programs, but most are impractical due to
- 12 the current economic situation.
- 13 For example, the state could finance research
- 14 programs, pay insurance companies pay-as-you-drive policy
- 15 development costs, cover all or part of equipment costs,
- 16 reward -- or reward insurance -- insurers for each
- 17 pay-as-you-drive policy.
- 18 Unfortunately, we're all more than aware that the
- 19 state is in a little bit of an economic crisis right now,
- 20 including a budget crisis.
- 21 So currently, the only option available to insure
- 22 that pay-as-you-drive policies are widely adopted in
- 23 California is to mandate basic mileage verification and
- 24 pay-as-you-drive insurance pricing.
- This option will move the chicken-and-the-egg

- 1 problem that externalities prevent the initial adoption of
- 2 pay-as-you-drive insurance.
- 3 More information about how to go about this is in
- 4 my written comments, so I will not go into that, but I
- 5 encourage you to read them, and thank you very much.
- 6 MR. GOODELL: Thank you. As I did say, we will
- 7 read all of the written comments. We will summarize them,
- 8 and we will respond to them.
- 9 So our next speaker will be Deborah Pierce.
- 10 MS. PIERCE: My name is Deborah Pierce. My name
- 11 is spelled P-i-e-r-c-e. I'm with Privacy Activism. It's a
- 12 nonprofit, and we are in the business of taking care of
- 13 consumer privacy issues.
- 14 A lot of the points that I was going to make have
- 15 already been stated, so I am going to reiterate those.
- 16 I just want to state that mileage only is what we
- 17 think is best, also that there should be no secondary
- 18 usages of that information that's gathered.
- 19 What we've heard today already, a lot of companies
- 20 want to be able to have extra factors that they use to rate
- 21 drivers, and last time at the workshop, we heard from a lot
- of different startup companies who wanted to be able to
- 23 come to California and work this market, and in fact, they
- 24 regarded a lot of our personal information as data
- 25 opportunities, and so obviously, when I hear that, I'm

- 1 thinking, no, we need to have the more restrictive usage
- 2 than what we currently have.
- 3 Also, just in terms of the data collected,
- 4 gathering the minimum amount of information is usually
- 5 best.
- 6 When I think about databases in terms of what
- 7 we're talking about with expanded factors, to keep track of
- 8 all of the information, the more information you track, the
- 9 more of a risk there is that that information is going to
- 10 get out.
- 11 And I have been tracking data breaches for the
- 12 last number of years, and we have on average two per week.
- 13 And so I haven't heard anything here about how any
- 14 of the companies would protect that information. I have
- 15 heard nothing about fair information practices, which is
- 16 something that we use, whether it's opt-in, opt-out,
- 17 choice, security, redress if that information gets out.
- 18 So rather than open up all of that can of worms, I
- 19 think that starting -- staying where we are right now with
- 20 mileage only without all of the other additional factors is
- 21 a good place to start, and it's privacy-protected as well.
- 22 Thank you.
- 23 MR. GOODELL: Did you submit a written comment?
- MS. PIERCE: Yes. Privacy Activism submitted
- 25 comments along with Privacy Rights Clearinghouse.

0051

- 1 MR. GOODELL: Thank you.
- 2 Glenn Connely.
- 3 MR. CONNELY: Good morning. Can you hear me all
- 4 right?
- 5 MR. GOODELL: Yes.
- 6 MR. CONNELY: My name is Glenn Connely. I'm with
- 7 the East Bay group called Friends of Bus Rapid Transit,
- 8 short we say BRT. It's a bus system with dedicated lanes
- 9 which AC transit is proposing to build in the East Bay for
- 10 \$250,000,000.
- 11 Anything that reduces vehicle miles traveled will
- 12 clearly improve transit operations. I want to make that
- 13 clear. For that reason, we urge you support this.
- 14 Furthermore, there is a connection, as both NRDC
- 15 and Environmental Defense has pointed out to you, between
- 16 global warming and the insurance system, something which is
- 17 not clear, I'm sure, to the public at large by now, but I
- 18 think hopefully it will soon become clear to people that
- 19 they need to make the connection.
- 20 You have an opportunity to help the state to
- 21 comply with AB-32 by implementing insurance systems that
- 22 minimize vehicle miles traveled and greenhouse gas
- 23 emissions in the automobile use.
- 24 Yesterday, Sacramento Bee reported on the
- 25 disappearance of the Sierra Glaciers, which is going to

- 1 impact our water supply, and I am just reminding you that
- 2 we are not just talking about auto insurance here. We have
- 3 a much bigger problem.
- 4 According to the Brookings Institution, as Justin
- 5 Horner of NRDC pointed out, the greenhouse gas emissions
- 6 can be reduced by eight percent with mandatory P-A-Y-D. I
- 7 think that's the number that's being used.
- 8 Since auto travel accounts for 30 percent or 28
- 9 percent, as Laura Novarro said, of California greenhouse
- 10 gas emissions, mandatory pay-as-you-drive has the potential
- 11 of reducing these emissions by two and a half percent,
- 12 which is a huge amount.
- 13 I've heard figures that this may be equivalent to
- 14 taking a million cars off the road.
- 15 At any rate, we urge you to keep AB-32 in mind as
- 16 you draft these regulations.
- 17 What we hope will be the greenest insurance
- 18 possible for the state of California.
- 19 Thank you very much.
- MR. GOODELL: Thank you.
- 21 Ed Pike.
- 22 MR. PIKE: I'm a little taller, so -- let's see.
- 23 Can everyone hear this okay? Okay.
- 24 First of all, I would like to thank you for your
- 25 efforts on reducing greenhouse gas emissions from

- 1 transportation as well as making insurance fair.
- 2 Transportation is -- oh, excuse me.
- 3 My name is Ed Pike. That's P-i-k-e. I'm with the
- 4 International Counsel on Clean Transportation. Sorry.
- 5 Transportation is the largest source of greenhouse
- 6 gas emissions in California.
- 7 Today, what I would like to do is to summarize
- 8 comments form the president of the International Counsel on
- 9 Clean Transportation, Dr. Allen Moid (phonetic). He is the
- 10 chair of the economic and technology advancement advisory
- 11 committee created under California's Global Warming
- 12 Solutions Act, and the letter is also signed by Dr. Bob
- 13 Epstein, who is the cofounder of Environment Entrepreneurs
- 14 and the vice chair of the etack (phonetic) committee.
- 15 We would like to support your efforts to allow
- 16 verification of mileage and overcome lack of confidence by
- 17 insurers in the mileage information they receive from
- 18 customers, but we think that it's important to go beyond
- 19 that to actually require that all insurers allow their
- 20 customers to choose mileage-based insurance, and if a
- 21 company wishes to offer only mileage-based insurance, they
- 22 should be allowed to do so.
- 23 And while we don't repeat it in this letter, we
- 24 also note previously the importance of appropriate privacy
- 25 protections to go along with mileage-based insurance.

- 1 Environmental Defense Fund mentioned the
- 2 externality benefits of mileage-based insurance. In other
- 3 words, those benefits that don't accrue directly to the
- 4 company that writes that insurance policy shared with their
- 5 insureds.
- 6 And we used a model developed for another project
- 7 of Santa Clara County -- it covers about 80 percent of
- 8 Santa Clara County -- to look at what some of those
- 9 externality benefits would be from -- let's say we got to
- 10 100 percent implementation of mileage-based insurance, as a
- 11 test case, and the model covers approximately 80 percent of
- 12 Santa Clara County.
- 13 And based on our preliminary analysis, the
- 14 benefits would be very large. The climate-change CO2
- 15 emission reductions would be between 180,000 tons per year
- 16 and 360,000 tons per year, and that's equal to taking
- 17 30,000 to 60,000 cars off the roads. So that would be a
- 18 very important component of addressing climate change.
- 19 And in terms of looking at how much of the
- 20 benefits of mileage-based insurance would apply to an
- 21 individual insurance company and their policyholder versus
- 22 those that wouldn't be captured by them directly, the
- 23 initial results of the study show that the total benefits
- 24 would be between \$170,000,000 per year to \$250,000,000 per
- 25 year.

- 1 So that's environmental benefits, greenhouse gas
- 2 benefits, congestional charge benefits, the portion of the
- 3 policy savings that the person holds who has the
- 4 pay-as-you-drive insurance policy.
- 5 The model was developed for another purpose, so
- 6 it doesn't include the important benefits that EDF has
- 7 mentioned to the insurance system as a whole, and also I
- 8 would add, too, uninsured drivers who are less likely to be
- 9 involved in an accident with someone who has insufficient
- 10 insurance who chooses not to drive due to pay-as-you-drive
- 11 or mileage-based insurance.
- 12 So based on this study, the ratio of the benefits
- 13 that would accrue to air emissions or society as a whole
- 14 would outweigh the benefits to the individual driver are
- 15 more than five to one.
- 16 So you can see that a purely voluntary system may
- 17 not be effective because much of the benefit would not be
- 18 received by the individual company that may bear the cost
- 19 of setting up a system and doing the verification and so
- 20 on.
- 21 Whereas, if all companies offer it, then they all
- 22 are all sharing in the cost, and they are also sharing in
- 23 the benefits as well as providing, you know, the greenhouse
- 24 gas benefits and other societal benefits.
- 25 So one other point that I would like to mention is

- 1 that there was suggestion of low-income drivers, and one
- 2 point of interest in the Brookings study is that low-income
- 3 drivers do tend to drive less, so they, you know,
- 4 potentially could benefit from pay-as-you-drive insurance.
- 5 It's nothing we looked at. We didn't specifically examine
- 6 low-income drivers, so I just wanted to note the statistics
- 7 on driving.
- 8 So in conclusion, we support your efforts on
- 9 implementing mileage-based insurance or pay-as-you-drive
- 10 insurance, and we think that it should be mandatory that
- 11 all insurers allow their customers to choose this option.
- 12 Thank you.
- 13 MR. GOODELL: Thank you. We have three people who
- 14 indicated that they might like to speak and they might not
- 15 want to speak. Before we go there, however, I want to ask
- 16 the court reporter how we are doing in terms of -- does he
- 17 need to take a break.
- 18 THE REPORTER: I'm fine.
- 19 MR. GOODELL: All right. Then we come to the next
- 20 point I need to make, which I did not have my glasses when
- 21 I was transcribing all of your names, and so these -- some
- 22 of these I'm not certain of, but let me ask if Alice Bisno
- 23 is in the audience and would like to speak.
- MS. BISNO: Very briefly.
- MR. GOODELL: And please correct my pronunciation

- 1 if I got it wrong.
- 2 MS. BISNO: No, you did fine. It's Alice Bisno,
- 3 B-, as in boy, i-s-n-o. I'm with the Auto Club of Southern
- 4 California, and we have submitted written comments by
- 5 e-mail.
- 6 AUDIENCE MEMBER: We can't hear you.
- 7 MR. GOODELL: Maybe you could speak a little
- 8 closer to the mike and little slower probably.
- 9 MS. BISNO: Alice Bisno, Auto Club of Southern
- 10 California. We submitted comments by e-mail.
- 11 MR. GOODELL: I'm sorry. Did you spell your name
- 12 for the reporter? You did, okay.
- MS. BISNO: Yes.
- MR. GOODELL: Thank you.
- 15 MS. BISNO: And we will leave another copy this
- 16 afternoon -- this morning.
- 17 The only point I wanted to make that is in the
- 18 letter also is that we would like the regulation amended to
- 19 make sure that one of the sources of odometer information
- 20 is the policyholder, him or herself.
- 21 We actually do have pretty discrete bans on
- 22 mileage right now, and we do talk to our policyholders and
- 23 get odometer information right now.
- We would like to see that kind of system be
- 25 allowed to continue under this plan where we could subject

- 1 the information to external verification through the
- 2 sources identified in the regulation plus we would also
- 3 endorse expanding it to some others and being able to price
- 4 accordingly.
- 5 Providing a pricing incentive, we believe will
- 6 encourage people to allow us to verify the information when
- 7 we need to, will encourage them to give us the information,
- 8 and provide even more accurate information than we get
- 9 right now.
- 10 So thank you and the rest of our comments will
- 11 speak for themselves.
- MR. GOODELL: Great. Thank you.
- 13 Fred Blumer.
- 14 MR. BLUMER: Good morning. My name is Fred
- 15 Blumer. It's B-l-u-m-e-r, and I am with Hughes Telematics.
- 16 First, I do want to commend the California
- 17 Department of Insurance for taking the initiative to fully
- 18 explore and to initiate some usage-based insurance
- 19 proposals in the state of California, and I wanted to take
- 20 an opportunity to address briefly some of the technology
- 21 sides of this opportunity since, I believe, I'm probably
- one of the few technology people that are here in the room
- 23 today.
- 24 Hughes Telematics provides telematic systems
- 25 similar to OnStar for Mercedes-Benz and for Chrysler, and

- 1 we also have after-market telematic systems for cars that
- 2 don't have telematics programs.
- 3 In the next five years, we anticipate that all new
- 4 automobiles in the United States will have embedded
- 5 technology and telematic systems in them, enabling the
- 6 reporting of things like annual mileage and odometer
- 7 readings as well as other types of data from vehicles, so
- 8 this is a timely step that the state of California is
- 9 doing.
- These types of systems enable consumer
- 11 empowerment, and as with this current proposal to measure
- 12 miles driven by customers, it also enables customers to
- 13 have consumer choice for things like auto repairs, miles
- 14 per gallon, to be able to monitor how they are driving,
- 15 emissions from their own vehicles to see how those operate
- on a daily basis, things like insurance savings and
- 17 personal safety. So the technology is there today and will
- 18 become ubiquitous, we believe, certainly in new cars, in
- 19 the very near future.
- 20 We would certainly urge that any usage-based
- 21 insurance programs be voluntary and with full consumer
- 22 consent and consumer knowledge.
- We would also recommend that, in the light of
- 24 consumer choice and consumer empowerment, that in the
- 25 future, more ratings opportunities be available such as how

- 1 people drive in addition to just mileage.
- 2 As we have been studying the usage-base insurance
- 3 marketplace, we're concerned about the disadvantaged in
- 4 society that typically live further away from their
- 5 workplaces and are concerned about them being penalized for
- 6 mileage-based systems only.
- 7 So we would finally, and in conclusion, certainly
- 8 encourage the commission to look at any kind of technology
- 9 that would enable people to have more customer choice with
- 10 regard to their insurance and to have opportunities to be
- 11 rewarded for driving more safely.
- 12 Thank you.
- MR. GOODELL: Thank you.
- 14 Is it Walter Smith?
- 15 MR. SMITH: Yes. My name is Walter Smith,
- 16 S-m-i-t-h. I have a consulting firm, Quetzal,
- 17 Q-u-e-t-z-a-l, Management Corporation.
- 18 And Mr. Frazier has reduced my talk from five
- 19 minutes to three minutes because he covered many good
- 20 points. I never heard him speak before.
- 21 When Prop 103 went into effect, I thought that was
- 22 very bad law. It has produced tremendous good results.
- 23 It's made rating more of a science, if nothing more than
- 24 the fact that filings are required for approval by the
- 25 Department of Insurance. However, I worry about mileage.

- 1 I think mileage should be verified. I don't think it
- 2 should be an option, and I think it should be by
- 3 independent sources.
- 4 The -- further, much of the way it appears to be
- 5 approached now, makes it the most dominant rating factor,
- 6 which is contrary to Prop 103, and in fact, it shouldn't
- 7 be. Mileage is not the most dominant reason at risk when
- 8 accidents occur.
- 9 Prop 103 itself, by design, said the driver safety
- 10 record is the most dominant rating factor.
- 11 While all of the comments on green environment
- 12 make the inconvenient truth become more acceptable as a
- 13 concern, and I agree with that, there's other things
- 14 happening at the same time that were contrary to this.
- 15 For instance, we implore manufacturers to make
- 16 cars that will, instead of giving us 25 to 30 miles per
- 17 gallon, to give us 50, 60, or 70, which will allow more
- 18 miles to be driven, because America is pretty well wed to
- 19 the automobile use, if it can afford it.
- 20 I'm concerned about making sure that whatever is
- 21 developed still recognizes a good-driver discount, which
- 22 was the primary voting factor for the passage of
- 23 Proposition 103, remains in place, which means whenever you
- 24 develop a rate, those who qualify for the good-driver
- 25 discount get that required discount.

- 1 Mileage, the number-two rating factor is the only
- 2 one that doesn't affect the qualification for a good
- 3 driver. Driver safety record does. Years of driving
- 4 experience does. You must have at least three, but mileage
- 5 does not. You can be a good driver if you drive 2,000
- 6 miles a year or 100,000 miles a year.
- 7 And last, please keep in mind that of the -- what
- 8 is it -- \$20 billion of profitable automobile insurance is
- 9 enforced at this time, you will really affect how carriers
- 10 enforce business by applying these new rules, whatever they
- 11 are, and let's say they are brilliant and acceptable, to
- 12 enforce business, which those companies have an obligation
- 13 to their shareholders for the prior investment not to be
- 14 distorted unfairly.
- 15 I support what the Department of Insurance
- 16 commissioner is trying do.
- 17 I just wanted to make those factors on the record,
- 18 and again, appreciate that Mr. Frazier saved you time in
- 19 listening to me.
- MR. GOODELL: Thank you very much. Okay.
- 21 Is there anyone I missed or anyone who wanted to
- 22 speak today who has not had an opportunity? Is there
- 23 anyone who wanted to respond to anything anyone else has
- 24 said? All right. Well, I will -- yes.
- MR. GAY. If I may, I would like to respond to a

- 1 couple.
- 2 MR. GOODELL: Please.
- 3 MR. GAY: Thank you. It's a little awkward setup
- 4 when you -- with your shoulder to the audience behind us.
- 5 MR. GOODELL: And I will just interrupt you. This
- 6 is Chris Gay speaking again.
- 7 MR. GAY: I got the head nod, so I assumed I was
- 8 okay.
- 9 MR. GOODELL: All right. I didn't see it.
- 10 MR. GAY: For the record, Chris Gay, MileMeter
- 11 Insurance Company.
- 12 In the comments this morning, I think there is one
- 13 emotion that's very clear on both sides of the aisle. As
- 14 my cousin would say, I smell fear, right, both sides. It's
- 15 an industry that's afraid to tackle this opportunity, and
- 16 there are consumer that's are afraid the industry will take
- 17 advantage of it, take advantage of consumers, to enact
- 18 things that are detrimental to consumer and citizens'
- 19 interests.
- 20 When we started MileMeter, we did it as people
- 21 just like you in the audience and the panel. We did it
- 22 without any insurance background, but we partnered with
- 23 people in the insurance industry, and now, we're part of
- 24 the insurance industry.
- But I would like to say, for the record, the fear

- 1 is not needed. There's an opportunity for the government
- 2 to benefit, to implement its climate change objectives.
- 3 It's an opportunity for transportation projects to
- 4 benefit from reduced congestion.
- 5 There's an opportunity for environmental groups.
- 6 By the way, I was once a card-carrying member.
- 7 There's an opportunity for environmental groups to
- 8 see their objectives met.
- 9 Consumer privacy does not have to be trampled
- 10 upon. This is one scenario where you can have your cake
- 11 and eat it, too, whether you represent the department or
- 12 you represent the citizenry in some way, shape, or form, or
- 13 you represent the industry.
- 14 The market will respond to inefficiencies and has
- 15 responded to the inefficiencies present in the current
- 16 system.
- 17 While I'm out of state, that doesn't mean I don't
- 18 care about what happens in California. I care very deeply
- 19 and passionately and personally what happens in the state,
- 20 and I sincerely want and my team sincerely wants to see the
- 21 best outcome from your proposed regulations, and
- 22 ultimately, the best market adoption.
- We have the power to choose, and you have been
- 24 given the power by the people and the commissioner to
- 25 oversee that choice and to make sure it stays within the

1	boundaries of the commissioner's intent and the needs of
2	our state and, most importantly, the needs of our nation.
3	So while there is disagreement about the best way
4	to go forward, I can assure you there is a way to do so in
5	partnership with all of the interested organizations and
б	stakeholders that will result in a beneficial outcome for
7	you, the department, and your state.
8	Thank you.
9	MR. GOODELL: Thank you. Is there anyone else,
10	dare I ask, who wants to speak today? Okay.
11	With that, that will draw this hearing to a close.
12	I want to thank everybody for coming.
13	I will just repeat again, we will be reviewing all
14	comments that are made, both written and oral. We will
15	review them, summarize, and respond to them. They are all
16	part of public record.
17	Again, thank you for coming.
18	(End of proceedings at 11:37 A.M.)
19	
20	
21	
22	
23	
24	
25	

```
STATE OF CALIFORNIA
 1
                                          SS:
 2.
    CITY AND COUNTY OF SAN FRANCISCO
 3
                       I, Michael Cundy, CSR NO. 12271, a
 4
 5
    Certified Shorthand Reporter of the State of California, do
 6
    hereby certify:
 7
                      That the foregoing proceedings were taken
 8
    before me at the time and place herein set forth; that a
 9
    verbatim record of the proceedings was made by me using
    machine shorthand which was thereafter transcribed under my
10
    direction; further, that the foregoing is an accurate
11
12
    transcription thereof.
13
                       I further certify that I am neither
14
    financially interested in the action nor a relative or
15
    employee of any attorney or any of the parties.
16
                      IN WITNESS WHEREOF, I have this date
17
    subscribed my name.
18
19
    Dated:
20
21
                                  Michael Cundy, CSR NO. 12271
22
23
24
25
```