THE COMMONWEALTH OF MASSACHUSETTS

MASSACHUSETTS GAMING COMMISSION

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RE: Internet Gaming Forum

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BOSTON CONVENTION AND EXHIBITION CENTER

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Boston, Massachusetts

PROCEEDINGS: 1 2 CHAIRMAN CROSBY: Good morning, 3 everybody. If I could have your attention and 4 you could get your seats. I am pleased to call 5 to order today our public meeting today 6 committed to, devoted to the first Internet 7 Gaming forum. This is March 11. We are at the 8 9 Convention Center in Boston as we usually are. 10 And I am pleased to call this meeting to order. 11 I get to welcome you this morning. And I get to introduce the session, although 12 the real architect of the session is 13 Commissioner McHugh whom you will hear from in 14 15 just a few minutes. I want to read to you as I do this 16 the mission statement of the Massachusetts 17 18 Gaming Commission because this session relates 19 very much to that. The mission statement reads: the 20 Massachusetts Gaming Commission will strive to 21 ensure that its decision-making and regulatory 22 23 systems engender the confidence of the public 24 and participants. And that they provide the

greatest possible economic development benefits 1 and revenues to the people of the Commonwealth, 2 reduce to the maximum extent possible the 3 potentially negative or unintended consequences 4 of the new legislation, and allow an 5 appropriate return on investment for gaming 6 providers that assures the operation of casino-7 resorts of the highest quality. 8

9 Today's session is doing each one of 10 those things. We are conducting our session in open, streaming on the public as part of the 11 participatory and transparent process that we 12 are committed to. We are having this gaming 13 forum in conjunction with the rollout of our 14 problem gaming framework in order that our 15 plans for Internet gaming can be developed hand 16 17 in glove with ours plans for problem gambling and minimization of those issues. 18

We are obviously exploring new revenue opportunities, which is a principal mandate of ours. And we're doing it in conjunction with our casino applicants and our casino licensee, our one licensee. Penn National, where are you? Welcome, thank you.

Because the only condition that we have 1 2 suggested to the Legislature that was central to our approach to this is that as the 3 Commonwealth begins to deal with Internet 4 5 gaming, we shouldn't do anything serious until the casino licenses are awarded. And the 6 casino licenses can be at the table as part of 7 that conversation. 8

9 They are going to spending hundreds 10 of millions, in some cases upwards of a billion dollars to invest in the licenses that they are 11 being awarded. And it's only appropriate that 12 they be at the table when we figure out where 13 we're going to go with Internet gaming. So, 14 this public forum and this exploration of 15 Internet gaming is central to our overall 16 17 focus.

In the long run, it seems to me that there are two issues that we have to deal with in Massachusetts. Number one, is will we have Internet gaming, and if so how will that be organized? And two is, if we have Internet gaming who will regulate it, and how will it be regulated?

Commissioner Zuniga and I who is 1 another one of our Commissioners served on 2 Treasurer Grossman's Internet task force that I 3 think you may hear a little bit more about in a 4 few minutes. And we made one central point to 5 him as we were all sitting there together 6 starting to talk about in an earlier stage in 7 this evolutionary process how do we approach 8 9 Internet gaming.

10 And we said this cannot be about the 11 Gaming Commission protecting its turf. This 12 can't be about the Lottery protecting its turf. 13 Although the Lottery has a lot of turf, 14 important turf to protect. And this can't be 15 about the casino operators protecting their 16 turf.

This has to be a process by which we 17 18 rise up above the whole Magilla and look at the 19 broadest public interest. What serves the public interest the best? What generates the 20 most revenues and other economic benefits? 21 What minimizes the damage? What is the fairest 22 23 most efficient, most effective process, 24 independent of the other things that we have

going on? That was what we felt was the most 1 2 important mandate for this process of figuring out how are we going to handle Internet gaming. 3 And I know Treasurer Grossman agreed with that. 4 So, this is another step in the 5 evolution of that process to figure out where 6 we are going with Internet gaming. 7 My second responsibility today is to 8 9 introduce to you a man who is uniquely suited 10 to lead us in that conversation and to lead us, introduce us to a fair process, Majority Leader 11 Stan Rosenberg, state senator from Amherst. 12 Senator Rosenberg's resume is in 13 your folder. I talked to his aide, Rose Adams, 14 the other day trying to learn a few things. 15 16 She didn't tell me any really good stuff, but I wanted to learn a few things that weren't so 17 commonly known about Senator Rosenberg. 18 I didn't know that he was raised in 19 So, he has an interest in Western Revere. 20 Mass. but also in Eastern Mass. license. 21 Т 22 also didn't know that Senator Rosenberg was 23 raised in foster care, which maybe accounts in 24 part for the sensitivity that he brings to a

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lot of the social issues that the Commonwealth
 is wrestling with.

And that he created what is surely the first and maybe the only foster care caucus made up of members of the Legislature who had been in foster care. How many are there? Are there others? They were four. First foster care caucus in the Legislature, fairly remarkable notion.

I can tell you from personal experience, and this is more remarkable than anything, that Senator Rosenberg answers all of his emails personally and quickly. I can tell you unfortunately that a lot of emails to state rep. and state senator's offices never get answered by anybody.

Senator Rosenberg answers his and 17 18 quickly. I don't know how you do it, but it is 19 admirable and it says something about his commitment to the people that he serves. Most 20 important of all is Stan Rosenberg was the 21 principal legislative architect of our 22 23 legislation in Massachusetts by which I hope he 24 will tell you some. All of the Commissioners

here, Commissioner Gayle Cameron, Commissioner
 Jim McHugh, whom you'll meet, Commissioner
 Bruce Stebbins, Commissioner Enrique Zuniga and
 I have all talked about what a remarkable piece
 of legislation we have.

Many regulators from across the 6 country have talked about what a remarkable 7 piece of legislation we have. To wit, we did 8 9 have a lot of your experience to build on. But 10 in terms of issues like problem gambling, issues like local control, issues like the 11 independence of the Gaming Commission, issues 12 like research into the economic and social 13 impacts of gaming, on and on and on, we have 14 extraordinary tools to do the job as well as it 15 can possibly be done. And that was due in 16 very, very large part to the really remarkable 17 18 work of Stan Rosenberg.

19 Lastly, I just wanted to tell you in 20 my experience with him, and this is not 21 something you say every day about public 22 officials, he is a man of uncommon grace, of 23 uncommon integrity and of uncommon commitment 24 to the public good.

It's my pleasure work with him, Stan
 Rosenberg.

SENATOR ROSENBERG: Thank you very 3 I didn't know I was coming to my funeral 4 much. this morning. Thank you those are very 5 gracious and generous comments. I have to say 6 this is a mutual admiration society, because I 7 think that all of the Commissioners and the 8 9 Commission staff under the leadership of Steve 10 Crosby is meeting the challenge as we laid it out in the Legislature, the vision that we had 11 for an open, transparent, honest process that 12 would leave none questioning the decisions and 13 the integrity of the licensees, the licenses 14 and the operations of the Expanded Gaming that 15 we were voting on would be in any way suspect. 16 17 I think you guys have done an absolutely 18 terrific job.

19 There are always bumps along the 20 road, especially when you're creating something 21 totally new. And this is a very competitive 22 industry as we all know who are in this room. 23 So, I think you folks should take great pride 24 in the work that you are doing. I, as one

legislator, appreciate and acknowledge that in
 every way any time that I can to anyone,

3 including this audience.

So, I have the easiest and most 4 pleasant task of the day, because I get to say 5 a few words and then I go back to the 6 Statehouse. Your job here today is to really 7 think deeply and learn from each other about 8 9 this new frontier that we have to deal with. In my mind, it's really quite an 10 irony, maybe that's not the best word, but it's 11 really quite extraordinary that this state, 12 which is one of the last blue law states in the 13 country has been over the last 40 years or so, 14 it's probably heading onto 50 years now, been 15 gradually taking on the new frontiers and the 16 17 new opportunities that legalized gaming 18 provides. Understanding that gaming has been 19 part, games of chance and gaming of various sorts have been part of human civilization for 20 as far back as we know and can study and learn. 21 And we were late coming to a lot of 22 23 these things, but when we come to them, we come 24 to them with great care and great attention.

And as most of you know in this audience, our
 lottery is the highest per capita lottery in
 the country, highest per capita spending on
 lottery in the country is here in Massachusetts
 with almost \$1 billion of proceeds going to our
 cities and towns.

7 So, our schools and our public works 8 and our police and fire are now dependent upon 9 this revenue source. And our treasurers have 10 worked very hard with our lottery commission to 11 stay at the cutting edge of that field, and run 12 a good operation that has integrity and the 13 trust of the public.

And as a result, there's great spending on lottery tickets. It provides significant number of jobs, helps significant number of small businesses where these keno machines and lottery machines are located all over the Commonwealth. And I think we do a very credible job with that.

For decades, there was debate generated from different quarters about whether we ought to go into the next phase of legalized gaming, which would be obviously casinos and

slot parlors. And the Legislature just off and
 on, off and on for decade after decade after
 decade.

Finally, I would argue with several 4 5 themes or several situations that we were 6 dealing with. The most significant of which is Governor Patrick comes into office, realizes 7 that the Mashpee Wampanoag are very close to 8 9 gaining federal recognition, which then means 10 land in trust, which then means gaming under federal law at the highest level allowed 11 without taxation, regulation or state 12 government interference. And he says this is 13 not a good idea. 14

We need to be partners. We need to 15 respect the tribe. We need to work with them. 16 17 We need to help them succeed at their economic 18 development and whatever else they may need to 19 work on. And if they're going to go into gaming, and the tribe made clear that they 20 would go into gaming, then we had to put in 21 place a regulatory structure. 22

23 It didn't hurt or maybe it was 24 hurting that we're surrounded by casinos, New

York, Connecticut, Maine, Rhode Island casinos 1 or slot parlors. And it was draining \$1.2 to 2 \$1.4 billion worth of discretionary income into 3 surrounding states, creating jobs and tax 4 revenues from our residents. 5 So, we finally reached the point 6 where we understood that we couldn't ignore the 7 reality. And we weren't going to be probably 8 9 the last state, and we should definitely not be 10 the last state in New England if we wanted to operate in a reasonable and productive fashion 11 here by going in this direction. 12 So, we put together, as the 13 Commissioner said, pretty aggressive 14 legislation. We have the benefit of knowing 15 what 33 or so other states have done, the 16 mistakes they made, the opportunities they 17 18 missed. And we were able to craft 19 20 legislation to address the industry in a way that would balance their success with 21 22 appropriate government regulation and benefit. 23 And also mitigate the negative impacts which 24 are regrettable but inevitable when you have

1 gaming.

2 So, now we are on a new frontier. The truth is we couldn't get our heads around 3 Internet gaming during the final stages of 4 5 working on the legislation. So, working with the State Treasurer, he put together a task 6 force because obviously the lottery has a 7 direct interest in how Internet gaming might 8 9 play out with our help or without our help. 10 And I think that's a critical point. We can't control the Internet. 11 We can't control what's happening across borders. 12

13 So, we have to figure out how to manage it, how 14 to work with it.

In relation to gaming legislation, 15 we realized that was just too much for us to 16 17 take on to try to figure out at that time, how to integrate the Internet gaming policy with 18 19 the new frontier that we were entering. So, we decided not to try to take on more than we 20 could at that point. And we -- I guess the 21 technical term is that we punted and gave the 22 23 Commission the job of monitoring federal 24 legislation because then Congressman Frank had

legislation for online poker and Internet
 gaming.

3 Then we would work together to watch 4 what's going to happen down the road, and try 5 to figure out how to do as good a job in this 6 area if we're going to head in that direction 7 as we did with setting up and managing our 8 lottery and now with our expanded gaming with 9 casinos and slot parlors.

10 So, you do the hard work today of 11 listening to some very good presentation and 12 engaging in active thinking and discussion as 13 part of a process where eventually we need to 14 craft some specific policy.

You're going to hear from Senator 15 Flanagan later today. She and I spoke on the 16 floor last Thursday, the floor of the Senate, 17 and she is I believe planning to attend a 18 19 couple of national meetings over the course of the next couple of months on the subject of 20 Internet gaming so that we could start to build 21 some depth within the Senate in terms of 22 23 understanding the complexity of this issue, and 24 what we could do to manage this as well as we

are managing our other gaming activities if we
 find ourselves in the position of putting
 legislation in place.

I personally don't see how we avoid 4 it, because I don't know how you keep people in 5 their living rooms and dining rooms and 6 bedrooms with laptops from engaging. We don't 7 want to kill the goose that laid the golden egg 8 in our state lottery, and the new goose that is 9 10 hopefully going to lay some golden eggs for us in the coming months and years, the casino and 11 slot parlor. 12

So, we look forward to working with 13 you in the coming months to see if we can get 14 our heads around this policy area. We will be 15 looking to the Commission for significant 16 17 advice and guidance, let's say guidance. Maybe 18 that'd probably be the strongest word we could 19 use, quidance. And we'll look to the State Treasurer's office as well, given the work that 20 they've done. 21

And then we will look to people like you in the audience here to help us figure out the best path forward in this policy area so

1 that we do the best job possible. And we also 2 not only take into consideration the realities 3 of how we would manage this and deal with all 4 of the pieces on the business end, but also on 5 the social mitigation end.

6 And I think for many of us in the 7 Legislature for whom this was a difficult 8 issue, that is the creation of expanded gaming 9 in the form of casinos and slot parlor, we were 10 very, very mindful and very concerned about 11 social impacts.

And I think most of us take some 12 significant pride in the fact that we think we 13 got a lot of that right. And we're looking 14 forward to seeing under the Gaming Commission's 15 leadership and direction, ensuring that we're 16 treating our communities, those who are 17 18 stressed by addiction and our businesses from 19 the cultural organizations to the small businesses on Main Street, that we always be 20 sensitive to them and try to be helpful as this 21 plays out. 22

And we need to do the same thingwhen we get to the question of Internet gaming.

We have to think about all of the positives. 1 And we have to think about all of the 2 negatives. And we have to come up with a 3 balanced approach to ensure that we are getting 4 5 the best of what can come of it if we go in 6 this direction. And we address to the greatest extent possible the downsides that might arise 7 as a result. 8

9 So, thank you for spending your time 10 here today learning, engaging. And we look 11 forward to working with you in the months ahead 12 in trying to craft sensible policy in this 13 area. Thank you.

14 CHAIRMAN CROSBY: Thank you very
15 much, Senator Rosenberg. We will be back in
16 touch.

17 It's my pleasure now to introduce to you, as I said, the real architect of this 18 19 conference. Senator Rosenberg said the Commission is tasked with trying to track 20 what's going on around the country and begin to 21 develop a position on where the Commonwealth 22 23 should go in collaboration with the Treasurer 24 and with the Legislature.

Commissioner Jim McHugh, former 1 2 Judge Jim McHugh volunteered to take on the job of leading the Commission in its pursuit of 3 Internet gaming. And he has put this whole 4 thing together. He is in addition to being one 5 6 of the most, maybe the most distinguished member of the Commission, previously was one of 7 the most distinguished members of the judiciary 8 9 in Massachusetts and actually across the 10 country. Jim McHugh, thank you. COMMISSIONER MCHUGH: I didn't know 11 I was coming to my wake. Thank you very much, 12 Steve. It's a great pleasure to kick this off 13 today. 14 Steve said that I'm the architect of 15 Rick Day, our Executive Director and I it. 16 17 have been working closely together to put this 18 day together. And it's an important day. We're a little shy of two weeks after issuing 19 our first license. 20 We've got another set of licenses to 21 issue in the upcoming months. And as that 22 23 building process that Senator Stan Rosenberg

24 talked about gets underway, we need to think

about the other components of the setting in
 which it's occurring.

One of those components you've heard 3 about is the lottery. We want to talk about 4 that today. We have, as Senator Rosenberg 5 said, one of the most deeply penetrated, 6 probably the most deeply penetrated lottery in 7 the country. It is the largest source of 8 9 unattached aid to cities and towns throughout 10 the Commonwealth. They depend on it. It's an asset that has to be preserved. 11 The Internet is another element that 12 we are all facing today, every one of us in 13 this room is facing today. It is now the 14 pervasive medium to which all of us turn daily, 15 if not hourly. And it has implications for all 16 17 of us. And it implications for this process. 18 So, how to combine the brick-andmortar casinos and the lottery and the Internet 19 is a real challenge. And a challenge that 20 we're going to explore today. 21 We're going to have discussion about 22 23 issues in this setting. This morning, we're 24 going to look at what is or could be available

on the Internet right now. The status of 1 2 Internet gaming domestically and across the world, we'll take a peek at what's going on in 3 Europe. And we're going to take look at some 4 5 of the risks that this new medium poses. After lunch, we're going to take a 6 look, a deeper look at what four states 7 Delaware, New Jersey, Nevada -- four states, 8 9 three states and a province, the government of 10 Ontario is doing and planning to do in this space. And we'll wrap it up with a panel on 11 which we'll discuss the implications of what 12 we've heard during the course of the day. So, 13 that's the setting. 14 We're not focusing on a specific 15

outcome. We're not here to advocate a 16 17 particular outcome. We're here to explore. 18 We're here to learn. We're here to think. And we're here to think deeply. We regret that the 19 lottery, the Massachusetts Lottery was unable 20 to send representatives to join us today, but 21 we look forward to continuing to work with them 22 23 as we proceed.

24

And we do have some terrific people

with deep experience both in lotteries and in
 Internet gaming who have joined us from London,
 from Ontario, from Las Vegas, California, up
 and down the East Coast. And we're delighted
 to have them with us.

This is as a most all of our 6 Commission meetings are being live streamed. 7 And our audience no doubt will be as eager as 8 9 we are to hear what all of the speakers have to 10 say. So, without further ado, let's get to it. On the theory that it's better to 11 know what you're talking about before you begin 12 to talk about it, we're going to start with 13 some demonstrations of what we mean when we 14 talk about social gaming and Internet gaming. 15 James Stern who has joined us from 16 London who is the head of business development 17 18 and sales for IGT Interactive, a leading provider of Internet gaming content will talk 19 about the Double Down, a leading social gaming 20 provider, and then show us a sampling of their 21 other offerings. So James, thank you for being 22 23 with us and it's all yours.

24 MR. STERN: Thank you. Does this

work? Perfect. Firstly, thank you very much 1 2 for inviting me to talk today about interactive gaming and social gaming. I am here as Jim 3 pointedly said from London. I'm actually 4 joined by my colleague, and Director of 5 6 Compliance for IGT Interactive, Lynn Dayton who is here to field any questions if any arise. 7 So, the topic I'm going to talk 8 9 about is really what is Internet and social 10 gaming. And I thought the best way to approach this was really to look at social gaming to 11 start with. 12

So, social gaming and social games 13 are typically played online, on mobile device 14 and have a social element. Basically, from 15 what I'm trying to explain is that people play 16 17 with or directly against their friends, participate in leaderboards, chat rooms or 18 19 share progress via the social network. So, it really is what it's titled, social gaming. 20 There's a social element. It's all 21

22 about enjoyment. It's all about experience and 23 engagement with your friends and other people 24 online. It's estimated that 750 million people

play worldwide on games such as Farmville,
 Candy Crush and a variety of social casinos
 including Double Down, which is really where
 I'm going to focus my presentation with regards
 to social.

6 The vast majority of players do play 7 for free. However, it is possible to voluntary 8 purchase virtual credits for extended or 9 enhanced play. And that would be through 10 progressions in leaderboards, unlocking of new 11 levels, etc.

12 And there are no payouts or prizes 13 in money or money equivalents. And no stakes 14 of value that can be won or lost. People 15 engage in casino style games typically for 16 entertainment and leisure purposes, and like I 17 say, to socialize and for a sense of 18 achievement.

19 So, Double Down casino, now it's the 20 fourth largest game overall on Facebook. It's 21 number four on iPad in 2013. Currently, we 22 have on average 1.8 million daily players and 23 that's actually unique players. And that's 6.6 24 million monthly unique players.

The average player spends 1 approximately 29.3 minutes per day. That's at 2 their computer or mobile device. That's 3 equivalent to what we are seeing in other 4 social games such as Candy Crush and Farmville, 5 Angry Birds and the such. The average user 6 session is approximately 19 minutes. And the 7 average player plays 1.6 times per day. 8 9 In Double Down casino, we really try 10 and offer the same experience that you'd expect to achieve in a Vegas style casino but 11 obviously purely from an entertainment 12 perspective. So, we offer a variety of slots. 13 And we're constantly updating our slot 14 portfolio, releasing new games every two weeks. 15 We offer three different types of 16 17 poker. And that's actually multi-hand poker. 18 So, it's all the popular formats of poker Texas Hold'em, Omaha, eight kinds of video poker. 19 There's also a bingo product and finally our 20 table content such as blackjack and roulette. 21 So, how to play Double Down. 22 Double 23 Down is actually an app on Facebook that you 24 don't have to register on Facebook to be able

to play Double Down. You can go to
 www.doubledowncasino.com and actually play as a
 guest. And I'll explain this a little bit
 further shortly.

This would be the landing page that 5 you'd hit if you go to Double Down. As you can 6 see it offers you the ability to login via 7 Facebook or play as a guest. If you're playing 8 9 as a quest, you're limited to 30 minutes just 10 to try the experience. And then really what it's trying to do is prompt you to obviously 11 register through your Facebook. 12

It uses something called Facebook 13 connect which is what thousands of businesses 14 use worldwide. Effectively Facebook connect 15 pre-populates your registration by using the 16 17 information you've already entered in your 18 Facebook account. So, it's a simple one click 19 procedure to be able to actually register in Double Down itself. 20

21 When a player first registers and 22 enters Double Down, they've given a million 23 dollars of virtual currency or chips. This is 24 totally for free. As I say, the player is then

able to play anywhere they like within the
 actual Double Down casino experience itself.

3 Players do have the ability to
4 purchase more credits and allow them self to
5 progress further through the game and enhance
6 their experience.

7 So, I'm going to take you briefly to 8 Double Down because I realize we're obviously 9 tight for time. If I take you into the actual 10 Double Down casino itself, this is the landing 11 page and the lobby you'd see. So, here are my 12 virtual credits available to me. You have the 13 ability, like I say, to buy chips.

Every time you visit Double Down casino, you're awarded more free chips in the form of a wheel that's spun. And it allows you to have a random number of free credits issued each day. So, there's never any reason to actually have to purchase credits. It's a pure free playing model.

You also have the ability to gift chips to your friends and other players. And as you can see along the bottom, you actually have the leaderboards itself showing the top 10

players. And obviously, you can drill down
 further and see all of the various achievements
 and awards other people have won.

So, I'm going to demonstrate poker.
But like I say, we have bingo, video poker,
slots, blackjack and roulette. My apologies
for the load time, but we're actually on the
Double Down casino live site. So, we are
restricted to the speed of the Internet.

10 I'm going to show you Texas Hold'em. 11 It works no different than any other Internet 12 poker product. In terms of the actual game, it 13 plays exactly the same as the land-based poker 14 product as well.

You choose your table by selecting 15 what blinds you want to play at. I'll just 16 17 pick the first one for ease. In terms of 18 Double Down, we've looked at our player 19 demographics and we can see between 65 to 70 percent of players are actually female. And 20 between 65 and 70 percent of the players are 21 also over the age of 35. The vast majority are 22 23 actually appearing between the 35 to 46 age 24 groups.

1 So, if I was to play in the hand of 2 click to sit at the table, I would choose my 3 buy-in for the table and then I'd be entered 4 into the actual game itself. As you can see, 5 all of the individual players sitting around 6 the table showing the denomination of what they 7 have available for the game.

And as I say, this is just purely 8 9 free play credit. So, the game plays no 10 different than any Texas Hold'em poker game. You play this whole blind, a big blind. You're 11 dealt the community cards, the three initial 12 Then there's the turn and then finally 13 cards. obviously the river. And players take it in 14 turns obviously to bet through the poker 15 product itself. 16

17 So, I'll play one quick just to give you an understanding. I'm dealt my cards. 18 I'm not feeling too lucky to be honest, but we'll 19 just for the purpose of this demonstration 20 There are various types of table. We're 21 call. playing on a turbo table. So, the idea is that 22 23 it actually plays out pretty fast, but there's 24 a variety of speeds that a player can obviously

1 play at.

2 Obviously, if you don't make your 3 choice within the allotted time, you're folded 4 from the hand. It keeps the play consistent. 5 I'm feeling very unlucky right now. But again 6 for purposes of demonstrations we'll keep 7 playing this one through.

8 As everyone noted, I'm also from 9 London. So, I'm quite a cautious poker player. 10 Even though this isn't my money, I won't get 11 too aggressive. As all of you will agree, I'll 12 make a very bad decision and just keep the hand 13 and I'll call this bet. Again, not my money 14 so, I'm not too concerned.

There is obviously fantastic sound along with the graphics but obviously for the purposes of demonstration you'd only be hearing it from my computer. And my speakers aren't the strongest. So, my apologies for that. And I'll just for the sake of this, call again. Come on ace.

So, there we have two pair.
Obviously, I'm holding a high card ace. I'm
feeling quite confident now, so I will bet the

pot for the purposes of this demonstration. As
 you can see, down the side it offers hand
 strength, but it can also provide you play-by play as well. What a surprise I lost. Feeling
 very lucky today.

So, that's our poker product. AS I 6 say, we are obviously pushed for time today. 7 What I'd urge all you to do is obviously, as I 8 9 said, you can play just purely as a guest by 10 visiting Doubledowncasino.com. Please do join and try out. It's, as I say, a totally free 11 experience. It'll give you a great 12 understanding of what we're able to deliver. 13 Next, obviously, I really wanted to 14 talk about Internet gaming. So, we touched 15 upon social. And I really wanted to 16 17 differentiate the two products themselves. 18 So, Internet gaming or online gaming 19 involves regulated and licensed gambling services that allow players to place a wager on 20 a gaming of chance for the opportunity to win 21 22 money. 23 It involves the three elements of

24 gambling. And that's obviously consideration,

prize and chance. There's multiple products
 available for play including poker, casino
 games, sports book and bingo. And obviously
 that's very dependent on the jurisdiction.

5 For example, in Europe we find as a regulated market, France has only regulated 6 poker. For example, the Danish market has 7 regulated all products. In fact, the Danish 8 9 lottery holds a monopoly on their bingo 10 products as well. So, it's very much market dependent in terms of what products have been 11 regulated. I stress maybe that's important 12 when you're looking into deciding your 13 14 regulation.

Players have the ability to access 15 operator websites either via the PC which we 16 call desktop in IGT or the mobile device. And 17 when I talk mobile device that's mobiles and 18 19 actually tablets. We support all formats of mobiles. So, that would be Android and iOS 20 devices. And according to 21 PricewaterhouseCoopers, the market in Europe 22 23 was estimated to generate approximately \$15 24 billion in 2013.

1 So IGT have actually been in the 2 interactive gaming space since 2005. Our 3 mission is effectively to support our customers 4 by being the world's most successful regulated 5 iGaming provider.

Just to give you an understanding of 6 what our strategy and vision is, if we look at 7 the casino floor today you have multiple 8 9 vendors offering an array of content linked 10 through various systems including patron management and casino management, cash desk, 11 And what IGT wants to deliver is the 12 etc. ability to offer multichannel offering. 13 So, that's the same game anywhere on any device. 14 And like I say, that would be either through 15 the PC, through mobile, through TV or through 16 17 EGMs.

18 I'm not going to touch upon this 19 much, because I know the gentleman to my right 20 is really going to be talking about platform. 21 But I really just wanted to highlight from the 22 perspective of this slide was that everything 23 in blue is what we'd consider the platform or 24 the RVB system with regards to an Internet

1 gaming product offering.

2 So, this is really the engine that 3 really drives your product offering. So, 4 everything in blue would be the pieces whereby 5 players would be registering. You'd be 6 verifying the player. You'd be handling all of 7 the transactions with respect to the deposits 8 and withdrawals.

9 You'd be handling all of the 10 affiliate promotions and loyalty. You'd be 11 doing your reporting and analytical piece 12 around that. And it also holds all of the 13 various responsible gaming modules and ID 14 verification checks, etc.

So, if I touch upon it once again, 15 Denmark as a regulated market, there's a unique 16 ID that each system in Denmark is allotted when 17 they're born. It's called an MID. And as part 18 19 of the registration process, the Danish regulator requires that number to be entered 20 into the registration field. 21 And then that's actually served back 22

24 they're able to track their citizens' gameplay.

to the Danish Gaming Board into their server so

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And they can monitor everything on a 24-hour
 period. And that's against deposits,

3 withdrawals, gameplay per hand, per spin, what 4 types of games were played, how long games were 5 played for, etc.

And where IGT really feature is 6 actually the middle hexagon, which is where it 7 says casino style games. So, we are 8 9 predominately a supplier of casino content 10 only. So, we have a system called RGS. And RGS is effectively to the right-hand side. 11 But really what RGS stands for is 12 it's a remote gaming server. We have four data 13 centers currently in operation. Two in Europe, 14 one in Gibraltar and one in Alderney that serve 15 16 our regulated markets in Europe. One in 17 Kamloops, which looks after the Canadian 18 provinces such as BCLC, Loto-Quebec and shortly 19 Ontario. And then one most recently in Atlantic City that looks after our business in 20 New Jersey. 21 And what remote gaming server 22

23 effectively is it's your game library. So,
24 it's the provision of the game assets, the math

models, the logic as we'd call it in the interactive space, the game engine itself and the random number generator. And we have our games tested and certified by seven separate jurisdictions currently today. And as I say, as regulation requires we then go through the recertification process once more.

So, I thought I'd just leave on an 8 9 example of an Internet gaming site from one of 10 our partners. This is Lottomatica. It's the Italian National Lottery. As you can see, this 11 a perfect example of an Internet gaming 12 website. So, my apologies it's in Italian. 13 Ι don't speak great Italian, but I can explain 14 exactly what's going on here. 15

So, as a player, you would enter 16 17 this site. And you'd choose in the top righthand corner you can see a blue button that says 18 19 registration. So, that's where you'd enter all of your registration details. If you're 20 already an existing player, you'd use the two 21 gray boxes just to the left of the blue button. 22 23 And that's where you'd put in your unique 24 username and password that would allow you
1 access into the site.

2	And the green bar that runs across
3	the top has the various games that a person
4	would have the ability to play. So, it starts
5	with sports. Then there's the poker, the
6	casino, the live casino, the gioco d'abilita,
7	which I believe stands for skill games.
8	Apologies for any Italians in the room for my
9	pronunciation. And then obviously the lottery
10	products they offer as well.
11	And the main banner which what we'll
12	call in the industry a call to action actually
13	highlights three IGT games. So, that's the
14	DaVinci Diamonds, Siberian Storm and Diamond
15	Queen if anyone's familiar with our products in
16	other jurisdictions.
17	As a player, you would click on one
18	of the game icons that run along the bottom of
19	the screen. So, you can actually see four plus
20	another half of four. That would actually load
21	up your game. So, I'll take you onto our demo
22	site now and give you a quick demonstration of
23	our games as well.

24

So, IGT is obviously synonymous with

slot content. We produce over 100 land-based 1 2 slot games a year across multiple jurisdictions. In IGT interactive we currently 3 have 79 available. What we do is we actually 4 5 have a mix of what we call ports which is 6 effectively taking a land-based game recreating the assets for an interactive version 7 and actually reusing math models but obviously 8 9 rewriting the math modeling into Java which is 10 the format you have to use with regards to the 11 logic. I'll tell you the most interesting 12 and most skillful part with regard to 13 interactive gaming is we have to be concerned 14 with load times. Because when you have an EGM, 15

17 worth of space, which is effectively used just 18 purely for the assets to really give a visual 19 appeal and for sound graphics.

you have the ability to have six gigabytes

16

In the interactive space, we're limited to 24 megabytes. And that keeps load times quick and the actual spins quick. So, the game plays out. And as I say, there would normally be sound as well. So, you have the

ability to choose your lines, your number of
 lines by here. So, this is a 20-line game.
 You choose your number of lines.

You can choose your line bet that 4 produces a total bet size and then simply you 5 press and spin. In certain jurisdictions where 6 it's legal, you also have the ability to 7 actually have auto spin enabled. This is the 8 9 ability to effectively select the number of 10 spins and let the game play out for you. Then obviously wait for your awards afterwards. 11 I know that as part of the topic, I 12

13 was asked to demonstrate our table games. So, 14 I will finish on our roulette and blackjack 15 variance as well. As I say, we are generally 16 recognized for our slot games but we do also 17 offer fantastic table content.

First, I'll start with roulette.
The roulette experience from an interactive
perspective should be no different to what
you'd expect in a bricks-and-mortar business.
So, we have the ability here to bet

on the splits, on the reds or the blacks, playthe dragons. We also have the ability to bet

on neighbors. So, if my lucky number for
 example is eight, I'll take neighbor's five of
 eight. I will choose my bet size, place my bet
 and simply spin the wheel.

5 So, everything is based on the 6 random number generator. So, every outcome is 7 totally random. So, it's exactly the same 8 experience as you'd expect from a Vegas style 9 casino.

10 We also the ability to save patterns. So, if you have specific best that 11 you do like to place, you can lay your chips. 12 You can save your pattern into a simple 13 location. I'll now clear these bets. And as 14 I've been so lucky today, I'll just spray paint 15 some chips across the table. As very popular 16 17 in the Asian market where players just throw 18 chips across the board.

19 It plays out and again, I'm feeling 20 very lucky. Once that bet has been finished, I 21 can then go back to the pattern I had 22 originally selected which would be one of my 23 standard bets and again spin away. 24 Then finally, I'll just quickly

demonstrate our blackjack product. So, again blackjack follows the exact same rules that you'd expect with regards to a bricks-andmortar casino. It's a very simple game although it's very difficult in terms of engineering from the random number generator perspective.

8 So, you place your chips. You deal 9 your cards. The dealer is showing full stand. 10 And again very lucky. So, in general, that's 11 everything I have to present today. 12 As I say, we have a number of games

13 available. Lynn and myself are obviously 14 available outside of this time to answer any 15 questions you have. And if necessary provide 16 any demo links to our content feeds to be able 17 to try it yourself. Thank you.

18 COMMISSIONER MCHUGH: Thank you, 19 James. That was fascinating. I hope we can 20 spend -- hope, we're going to spend a little 21 bit of time this afternoon talking about the 22 social gaming piece as well as the online 23 gaming because there's some very interesting 24 implications there.

But do any of the Commissioners have
 any questions for James? We have a few minutes
 if you do, Steve.

CHAIRMAN CROSBY: When you said you 4 can in Double Down you can buy additional 5 chips, that's with real money? 6 MR. STERN: Yes. That's correct. 7 It's no different than any other social games. 8 9 So, if you think of games such as Candy Crush 10 or Farmville, you have the ability of purchase your way to -- in certain games it would be to 11 unlock the levels, but in other ways it would 12 just be to increase your playing experience. 13 CHAIRMAN CROSBY: But there's no way 14 to win it back. 15 MR. STERN: No, there's absolutely 16 17 no way to win. This is purely for 18 entertainment value. CHAIRMAN CROSBY: And Double Down 19 makes money from that revenue stream and what 20 else? 21 22 MR. STERN: I'll divert that to Lynn 23 on that one.

24 MS. DAYTON: That's our primary

revenue stream. And ironically, there's only 1 2 about three percent that pay for chips, but we're worldwide with this product. 3 CHAIRMAN CROSBY: And there's no 4 5 advertising deal with Facebook somehow or 6 other? MS. LINDA: We do advertise. And we 7 are part of the International Social Games 8 9 Association. That group is -- The core 10 function of that is to conduct social gaming responsibly. We only advertise to over 18. 11 CHAIRMAN CROSBY: I meant 12 advertising as a revenue stream to you. I 13 meant after you bring people to Facebook. 14 Interesting. So, three percent of your 15 customers pay and that's the revenue stream? 16 17 MR. STERN: Correct. COMMISSIONER MCHUGH: But do have 18 19 any idea as to what the total social gaming revenues are for all participants in that 20 space? It's a large number. 21 MS. DAYTON: Unfortunately, I don't 22 23 know that number. COMMISSIONER MCHUGH: Maybe we can 24

spend some time on that this afternoon, because
 there's some aspects of that I think are worth
 exploring further.

4 MS. DAYTON: You know what, if you 5 give me just one minute, I may have that right 6 here.

7 COMMISSIONER MCHUGH: I'll come 8 back. Hold that thought and we'll try and do 9 it this afternoon. All right, James. Thank 10 you very much. That was a very succinct and 11 yet illuminating description of both social 12 gaming and Internet gaming for pay.

Jeffrey Allen is the Senior Director of Interactive at Bally Technologies, another major content and device provider. And he's going to help us understand the kinds of devices that will support Internet gaming if we are headed in that regard.

James touched on it a little bit. Jeffrey is now going to touch on it with a little bit more depth. He's here with Katie Lever, the Senior Vice President and General Counsel who may have some comments about the implications for brick-and-mortar casinos

briefly at the end if there's time. Jeffrey?
 MR. ALLEN: Thank you very much for
 the introduction. I really appreciate that.
 Again, from Bally Technologies a heartfelt
 thank you for inviting us to prepare and
 present to you today. This is very exciting
 for us.

8 We've been involved in the gaming 9 business for over 85 years and now in Internet 10 gaming and providing technologies to a wide 11 variety of customers for the past three years. 12 We are very pleased to be here to present to 13 you.

As I prepared for this presentation 14 and thought about some of the questions that 15 were posed to us, it included what is Internet 16 17 gaming? And most importantly how does a company devise a cross-platform strategy? 18 19 As participators in gaming across the landscape, both IGT and Bally, we are here 20 to forward technology for our land-based 21 customers. And to help them march into the 22 23 Internet space as they go forward.

24 They are all very successful

providing gaming to their players in their
 land-based locations. And they're in need of
 technology and expertise in order to provide
 that to their players wherever they might be,
 hence cross-platform strategy.

6 So, as I prepared this presentation 7 today, I wanted to break it up into two 8 sections. The first is an actual demonstration 9 of what is Internet gaming. And I'm going to 10 spend a few minutes and speak about what we've 11 launched in New Jersey.

We are here Massachusetts, so we're not able to play. But I am able to log in and I'm able to look at a couple of things that differentiate Internet gaming from social gaming. Similar in many regards, but different in many other regards. And I'll walk you through several of those.

And then I'd like to spend the
 latter part of my presentations speaking
 specifically about cross-platform strategy.
 What that means to Bally and what we believe it
 should mean to Massachusetts as well as you
 attempt to bring technology to leverage your

land-based properties, as well as the Internet.
 Bring them together and to create one all encompassing experience for the players.

So, for the next few minutes I'd 4 5 like to demonstrate the Golden Nugget New Jersey site. Then I'll follow-up with a 6 discussion of some of the cross-platform 7 strategies that are in place and coming, and 8 9 then a little bit about the benefits for the 10 land-based casinos as we move forward. Hopefully, an educational experience for you. 11 So, if you excuse me, I'm going to 12 sit down here and do a little bit of 13 14 demonstration.

15 So, what you see in front of you 16 right now is a live Internet gaming solution 17 that's being offered in New Jersey. It's one 18 of seven casinos, I believe seven that are 19 currently offering Internet gaming now. This 20 is the landing page. This page is being hosted 21 by the Bally iGaming platform.

What that means is that we have an infrastructure based in New Jersey, in this case at Golden Nugget, connected to a wide

variety of remote gaming servers from third 1 2 parties. One of them being IGT, Bally, Amaya and in the coming months many other 3 manufacturers as well delivering game content. 4 We'll talk a little bit about what I 5 call ubiquity of content, bringing a mirror to 6 7 the floor as we get a little farther into the presentation. 8 9 The first thing I'd like to show you 10 is the stringent registration process. I'm going to spend more time on infrastructure 11 today rather than playing games and show some 12 of the nuances of a regulated gaming site. 13 This is licensed under New Jersey's 14 So, we follow their rules and regulations 15 DGE. for providing gaming. So, I'm going to go 16 17 ahead and click on the sign up button here. 18 What this page is is this is the page that will 19 be experienced by the players as they attempt to register for an account. 20 And the one thing I want to note 21 here is the types of pieces of information 22

24 the player so that we can do what's called a

that's required, not optional but required for

23

1 KYC for them.

2 I'm not very savvy with Mac. My apologies here. So, here what you see are some 3 of the fields, first name, last name, email, 4 password, password confirmation. The most 5 important things that I want to highlight here 6 are the need for a birthdate, a Social Security 7 number and mobile number, your home address. 8 9 What we're doing is we're providing a KYC of 10 the player before they register, meaning we use a third-party service that's actually taking 11 the information provided by the player and 12 performing a know your customer validation. 13 So, that that player's age is 14 ascertained as well as their identification. 15 Only after those checks are done and completed 16 are you able to create an account for the 17 This is a little bit different from a 18 player. 19 social gaming environment where you have less stringent restrictions on being able to 20 register for an account. So, I've registered 21 for an account already. I've passed all of my 22 23 KYC checks.

24

Now I'm going to go in and I'm going

to actually login to the site with the 1 credentials that I have already. So, you see 2 here we have a lobby of games and services for 3 the player. We are aggregating content. 4 We are attempting to make a casino similar to what 5 you would see in your land-based casino where 6 you have a wide variety of games that are 7 available to you. 8

9 And I'm going to navigate to the my 10 account section and talk a little bit about 11 some of the specific features and things that a 12 player can do at this site. So, this is an 13 all-encompassing menu for the player.

This page you see right here, you 14 15 can see how old I am. I am not young. We have an avatar to prepare a picture of me when I'm 16 17 playing online. We have a document section 18 where we're able to upload documents if we want 19 to enhance KYC. The site can actually take documents and process them by the operational 20 customer service people of the site. 21

We can deposit money in. What good is a gaming site if you can't deposit money. As I scroll down here, you'll see some of the

1 various means of getting money into the site.

So, I'll describe these in just very 2 brief detail. Credit card and debit card, we 3 use a third-party payment processor. Automated 4 clearinghouse is a means of linking your bank 5 account directly to the site so you can 6 transfer money directly from your bank account 7 into your gaming account. Golden Nugget 8 9 prepaid card, this is a unique mechanism that 10 allows customers to get a Golden Nugget branded credit card, if you will, that's rechargeable 11 with funds. The unique aspect about this 12 particular feature is money can be funded onto 13 this card outside of the gaming process as well 14 as money that you've won put back onto the 15 gaming card. 16

17 I believe you're going to get a 18 presentation later today possibly from a 19 payment provider. One of the most significant challenges in the gaming industry today is 20 being able to accept deposits from credit card 21 companies. There are a series of, I wouldn't 22 23 say restrictions, but there's general weariness 24 from the credit card companies in being able to

fund gaming accounts. So, alternate means of 1 2 getting money into the gaming account is extremely critical. And this prepaid card is 3 one of the most compelling ways of doing that. 4 Those bank transfers, there is 5 transfer from safekeeping. Here's your first 6 touch of a connection between your land-based 7 casino and your online account where you're 8 9 actually able to transfer -- take money out of 10 your land-based account through your host or hostess at the casino and being able to put 11 that right into your iGaming account. We have 12 cashier's check, personal check as well as 13 credit card. 14

Withdrawals are very similar, a 15 variety of means of withdrawing money out of 16 17 the account. How much you have in your 18 balance, how you want to withdraw. We can 19 transfer between wallets. We can look at history. Then I want to touch a little bit 20 more on responsible gaming and limits. 21 22 So, player protection in all sorts

23 of ways is extremely important to us and I
24 would assume it's important to you as well. We

want to protect the player from a game
 experience by making sure that we have games
 that are proven, tested and conform to a
 certain payout percentage.

5 But equally important is the 6 requirement to be able to allow the player to 7 set responsible gaming limits right at the 8 website. So, the technology allows for deposit 9 limits, win wager limits, loss limits on poker 10 or casino games, how much you can deposit on a 11 daily or monthly, yearly basis.

12 So, that the player can monitor 13 themselves and provide the limits that they 14 feel they are comfortable with in order to 15 prevent problem gambling. These may be set by 16 a customer service operator in conjunction with 17 the player or set the website directly from 18 this interface here.

Equally as important is the ability for a player to completely self-exclude. So, if a player feels that they are in danger or they're being counseled to exclude themselves, they may exclude themselves voluntarily for a one-year period or a five-year period, which is

generally irrevocable unless there is some 1 other sort of intervention. Once a player 2 self-excludes, they are not able to play games 3 again until that period expires. And that 4 interface is directly here on the website. 5 Then of course we have the terms and 6 conditions. These are all agreed to as part of 7 the process of enrolling for an account. 8 9 Overall the player is educated prior to getting 10 access to the site of all of the capabilities that they have and all of the protections put 11 in place for them. 12 Last before I go back to the 13 presentation, just a little bit on the 14 promotions that are available to the player. 15 So, this particular casino, Golden Nugget, has 16 17 a land-based presence as well in New Jersey. And as I will touch on in a little bit later in 18 19 the presentation, they see the Internet application as a way of generating revenue. But 20 they also see the desire to take the players 21 whenever they can and to drive them back to the 22 23 land-based casino.

24

So, through a series of promotions,

tournaments and things of that nature, they're 1 able to create incentives for the player when 2 they're online to earn certain things and to go 3 back into the casino. So, through a variety of 4 promotions, through bonuses, through different 5 types of land-based awards, they build that 6 cross-platform drive. We call it round 7 tripping to take the player online, back to the 8 9 casino, from the casino back online. That is 10 one of the greatest benefits of Internet gaming for a state that has both land-based and 11 Internet as well. 12

13 So, in the interest of time, what I 14 am going to do is I am going to go back to the 15 presentation and to spend a bit more time on 16 some of the cross-platform approaches that are 17 in the Internet today as well as coming in the 18 future.

So, as I was looking up crossplatform strategies, I found this what I
thought was a pretty humorous cartoon here. If
only -- our little South Park friend here says
if Microsoft and Sony could only make crossplatform gaming possible, I would be so happy.

It's been the goal for many 1 2 companies over many years to be able to bring this collection of players together in a 3 seamless way. And some of the initiatives that 4 5 we have ongoing, and I'll talk through in the next few minutes, try to bring cross-platform 6 to the gaming industry, especially in places 7 where there are land-based casinos as well. 8 9 So, what does cross-platform 10 strategy mean to Bally? The first is that platform means not only land-based but also PC, 11 mobile and tablet. All of the devices you see 12 in green around you. And that's very similar 13 to what James had spoken to. 14 But it goes past that. The key 15 fundamentals of cross-platform strategy for us 16 17 are one mirroring the floor content. So, having players be able to experience similar 18 19 content wherever they are, whether they're at home or in the casino. 20 Second, expanding gaming access. 21 22 Third, bonusing players everywhere. We'll talk 23 to you on that in a few more minutes. And then

24 enterprise wide actionable data. When you

combine all of those together, it provides a
 very powerful tool for casinos across their
 entire touch points of their players.

4 So, the first is mirroring the floor 5 content. What does this mean for us? We are 6 an aggregator of content. So, Bally has some 7 extremely strong slot content and through the 8 SHFL acquisition, some very strong proprietary 9 table game content.

10 But when a player goes to an Internet game site, they want to play the same 11 exact games that they have on the land-based 12 floor. So, Bally has gone and built 13 relationships with all of the companies that 14 you would see in the land-based casino. And 15 through an RGS integration, as James had 16 mentioned, we take their content and we 17 18 integrate that to our iGaming platform. And 19 distribute it across all of the platforms that we have deployed today. 20

21 So, just some examples at the bottom 22 here. At Golden Nugget, you will see Bally 23 content, IGT content. You will see Amaya 24 content, soon SHFL Master content. So, a

player can play their favorite game no matter 1 where they are. So, it's an extremely 2 important aspect to being able to bring players 3 to a common experience across the floor. 4 Second is expanding access of 5 content. So, six months ago or a year ago I 6 could only play Wild Huskies on a slot machine 7 inside the casino. I'm familiar with it. It's 8 9 my favorite game. I want to play it. Now I 10 can take it with me on my laptop. I can take it on my tablet. And I can take it on my 11 mobile phone. 12

And what's key here is the game is 13 identical with the exception of maybe format to 14 the game you play inside the casino. So, you 15 could be the same percentaging. You could have 16 17 the same play mechanics, the same bonusing, the 18 same types of sounds, the same symbols, etc. 19 It's virtually the same identical game wherever you happened to be. 20

21 That doesn't just limit to slots. 22 Table games apply as well. So, here's an 23 example of a Mississippi stud game, one of our 24 products. We have that same exact game

available on PC, on tablet as well as on mobile
 phones.

3 So, a player can become familiar 4 with the game in the land-based casino and be 5 able to take it wherever they are and play that 6 that same exact gaming experience. So, we want 7 to expand access to every piece of content 8 regardless of channel.

9 So, the next key aspect of cross-10 platform strategy is the ability to expand the bonuses that a player has in the land-based 11 casino out to online and vice versa. So, today 12 there are systems, you see at the bottom that 13 control the gaming experience in the land-based 14 casino. We also have systems like deployed at 15 Golden Nugget in New Jersey that control the 16 17 gaming on the Internet.

What Bally has done is we've established a link between the two of them. So, what we do is we actually take the iGaming account and the land-based account and we link them electronically. So, both platforms know that Jeff Allen's land-based card and Jeff Allen there is the same account as my iGaming

account. We've linked the two of them
 together.

That allows us to do some very 3 unique things. It allows us where allowed by 4 law to be able to provide ratings for the 5 player from online and mobile play. It allows 6 us to give away loyalty points, land-based 7 loyalty points for online and mobile play. And 8 9 it also allows us to do other unique things 10 like create triggers from online play to give away land-based awards. 11 So, an example of one of our core 12 integration initiatives is to be able to create 13 rules for activity online to be able to give 14 away land-based promotions. So, an example 15 would be a tournament entry. So, you have a 16 17 tournament entry in the casino. You get that by possibly playing X number of games on a 18 19 land-based machine. We extend that to allow that same tournament entry to be earned by 20 doing something online. 21 What does that do? That drives 22

22 what does that do? That drives23 players from their online activity back into24 the land-based so we can round-trip monetize

them. In some markets, where this is allowed,
 we're experimenting with that today.

3 The next is single -- what we call 4 single view of a player. So, today land-based 5 casinos can look at their CMS system and they 6 can view exactly what I played within the walls 7 of the casino, how many games I played, what 8 game I played, when I played in how much I won, 9 how much I lost.

10 Through the linking the two systems, 11 the online and the land-based system into a 12 common business intelligence solution in this 13 case, we're depicting Bally here, we can now 14 generate a wide variety of data that's 15 actionable by the casino.

16 So, for instance at the bottom you 17 see ratings. So, what's depicted there is my 18 play activity online as well as in the land-19 based casino. So, the casino now has a better 20 snapshot of what I like to play, where I like 21 to play it. Better, more informed offers to 22 me.

Then other things we can do would bethings like conversion statistics and viewing

how well our promotions have been, how 1 effective they've been in order to drive 2 players from online back into the land-based. 3 So, you see some things such as 4 5 conversion, total registrations online, sessions of play, this is all resident within 6 the business intelligence solution. So, the 7 bringing together of data so you can get a 8 9 better snapshot of what the player is playing. Sum total of all of the cross-10 platform benefits is that it provides more 11 opportunities for land-based casinos. So, some 12 of them that we have been working toward, 13 providing RLI's for is that we want to be able 14 to increase what we call the playership of the 15 players, wherever they may happen to be. 16 17 So, by being able to tailor the type of content that you offer online and matching 18 19 inside your casino, we offer a more 360 degree experience to the player. So, what they call a 20 rising tide lifts all boats. So, we're trying 21 to build that ubiquitous experience 360 degrees 22 23 for the player.

24

The second is it's a challenge. We

are trying to bring all manufacturers together 1 2 for the common good of the players. Our approach is towards aggregation of content, 3 bringing IGT and SHFL and Bally and Aristocrat 4 and Konami all together. So, the benefit here 5 is that a greater cooperation between the 6 suppliers will benefit the brick-and-mortar 7 casinos as well. 8

9 Certainly, an online presence 10 increases the content distribution opportunities for the casinos and increases the 11 revenue potential. And by having an online 12 presence, you're building brand awareness and 13 loyalty as well as getting players used to game 14 content before they come into your casino. 15 Table games is a good example. Being able to 16 17 get people to learn and understand table games Those are 18 in a non-threatening environment. 19 just some of the synergies between online play as well as brick-and-mortar casinos. 20

Finally, a couple of items that I might leave with you as challenges that we thought of as we have started to deploy a cross-platform strategy for online. I'll just

go touch on these very, very briefly. These will probably be topics that you're going to think about as you start to formulate your own registration -- or your own regulations, excuse me.

The first is a common wallet and 6 transfer of funds. Today in New Jersey we have 7 a separate wallet for your land-based casino 8 9 and for your online. And a concept that many 10 casinos have come to us with is how can I use exactly the same wallet for both land and 11 online? And do you want to allow that 12 approach? What are the risks inherent with 13 that? I think that's going to be something 14 that you will be challenged with as you start 15 to legalize Internet gaming along with you 16 land-based. 17

18 The second is the mobile device is 19 becoming so common in the way we do our 20 everyday life that a mobile wallet is going to 21 be coming soon. So, the ability to take your 22 wallet and to tap on a game or to transfer a 23 code right at the machine or online is coming. 24 You'll be challenged with that. That access to

funds is extremely important for just obviously
 the ability to game.

The third is throughout the United 3 States there are a variety models for 4 geofencing. New Jersey allows gaming both on 5 mobile and Internet anywhere within the state. 6 Nevada has chosen poker anywhere within the 7 boundaries of the state. But on mobile, you 8 9 have to be within the walls of the property. Several other states allow wagering. But 10 you've got to be within the walls of the casino 11 or on a reservation. 12

13 So, the ability to wade through what 14 your geolocation strategy is is going to be 15 extremely, extremely important for you. You 16 are going to be hearing from some of the 17 geolocation partners in the industry about that 18 as well.

19 Enhanced validation and protection 20 of players, there's a fine line between how 21 much information you want from the player 22 compared to registration. Honestly, I'm 23 hesitant to give my Social Security number to 24 anyone. But in New Jersey if I want to wager,

1 I have to do that.

So, being able to navigate how much 2 you want to collect from a player and require 3 is going to be a challenge that you'll have to 4 overcome. And you'll find there are 5 sensitivities from various people there. 6 Unified player communication. With 7 the advent of the mobile phone platform and the 8 Internet, casinos now are able to send messages 9 10 as well as offers to players across all platforms. And you're going to want to 11 understand and carefully monitor what types of 12 offers and how you communicate that to players. 13 I think it's safe to say on the 14 online technology front, the technology can 15 outpace what you're probably going to want to 16 17 do from a regulatory perspective. There's a lot more that can be done than you may feel 18 19 comfortable with. So, figuring out what portion of 20 that technology you want to use is going to be 21 extremely critical. 22 23 Then of course, I know you are 24 considering who you grant licenses to, whether

1	it be only to pure online or whether it's to
2	land-based. The United States is primarily
3	land-based. So, as we had mentioned before
4	there's lots of advantages to coupling online
5	with a land-based presence.
6	So, just some food for thought going
7	forward. With that are there any questions
8	that I may answer for you?
9	COMMISSIONER STEBBINS: I might have
10	missed it, but in allowing the online self-
11	exclusion does the self-exclusion on the game
12	mirror what a state would offer in terms of
13	self-exclusion terms and periods of time, etc.?
14	MR. ALLEN: It certainly can. It
15	certainly can. The one thing I will also
16	mention is that in some instances we actually
17	check upon registration land-based self-
18	exclusion databases to make sure that certain
19	players that have been prohibited from gaming
20	are prevented from registration. So, on
21	registration we'll actually do a check of that
22	electronic database in some cases if required.
23	COMMISSIONER STEBBINS: Thank you.
24	COMMISSIONER ZUNIGA: And on that

note, you mentioned seven casinos in New 1 2 Jersey. Would a person have to go self-exclude from each one of the seven or can they do it 3 once for all seven? 4 MR. ALLEN: So, I will ask Eric to 5 assist me there. I believe, if I'm not 6 mistaken, that we are integrated to the self-7 exclusion database in New Jersey. 8 9 MR. WEISS: The process in New 10 Jersey is that the Division of Gaming Enforcement publishes a list of self-excluded 11 people. It's confidential list with the casino 12 industry. We also have a list of (INAUDIBLE) 13 from gambling within the casino and Internet. 14 In New Jersey you can self-exclude from the 15 Internet only and not land-based. But if you 16 17 exclude from land-based, you are excluded from both Internet and land-based. 18 19 You have to go through a KYC process

20 online to register because you don't want 21 people registering as someone else as being a 22 problem gambler. So, if every website has to 23 give you the opportunity to self-exclude, once 24 you've gone through the KYC process and self-

excluded yourself, it gets transmitted to the 1 2 Division of Gaming Enforcement and then pushed out to all casinos. So, you would be self-3 excluded from every casino in Atlantic City. 4 That's the automated process. 5 CHAIRMAN CROSBY: Is there a 6 difference in the economic model between the 7 customer you service online and the customer --8 9 Well, obviously there is. 10 But what are the economic models between you're servicing a customer online and 11 you're servicing a customer in the casino? 12 MR. ALLEN: From Bally's 13 perspective? 14 15 CHAIRMAN CROSBY: Yes. MR. ALLEN: So, in the land-based 16 casinos there's a couple of different models. 17 18 On the slot machine there's a game sale and 19 there's a participation game as well. CHAIRMAN CROSBY: Share of revenue. 20 MR. ALLEN: Share of revenue, 21 correct. Online, it's primarily a share of 22 23 revenue is the common model. So, when IGT 24 gives content or Aristocrat gives content,

there is a relationship between those content 1 providers and the casino for a percentage of 2 revenue as well as Bally from a platform side 3 and from a content side. 4 CHAIRMAN CROSBY: And that's if 5 you're offering in collaboration with a bricks-6 and-mortar casino. 7 MR. ALLEN: Correctness, and that is 8 9 the only way currently that is being offered. 10 CHAIRMAN CROSBY: In New Jersey? MR. ALLEN: Correct. It's only 11 through a land-based casino. 12 CHAIRMAN CROSBY: From your 13 standpoint, presumably it would be better if it 14 15 was offered without the casino. 16 MR. ALLEN: We have chosen not to be 17 a business-to- consumer company. So, we are 18 pure business-to-business. We are technology provider only. We are not providing gaming 19 directly to players. It's exclusively through 20 licensed land-based casinos or if there's a 21 22 jurisdiction, a licensed operator of gaming. 23 So, we are purely business-to-business at this 24 point. So, there's not even a possibility to

1 go directly to the player.

2	CHAIRMAN CROSBY: Is that true of
3	everybody in that business?
4	MR. STERN: I wouldn't necessarily
5	say everybody, but it's definitely IGT's
6	position as well for real money wagering.
7	MR. ALLEN: For real money wagering,
8	yes. Double Down is direct to consumer.
9	CHAIRMAN CROSBY: Okay. Thanks.
10	That's very interesting.
11	MR. ALLEN: Thank you very much.
12	COMMISSIONER MCHUGH: Thank you,
13	Jeffrey. And thank you again, James. That's a
14	good overview of what this is all about. And
15	the number of moving pieces is fascinating.
16	It's not limited now to this area.
17	I know of one major university
18	that's using some of this as part of its
19	admissions process. Of course, we hear when we
20	think about the profiles that Jeffrey talked
21	about, we hear about Amazon and some of the
22	things that they're doing in order to
23	anticipate what customers will need and when
24	they'll need it.

But we do have a good overview now 1 of what this is on both the social side and the 2 for pay side and how it works. Now we want to 3 spend a few minutes talking about what people 4 in jurisdictions are doing with it. First, 5 sort of a national and world perspective and 6 then some of the parameters that are here in 7 Massachusetts. 8

9 For the national perspective, the Americas Managing Director of Gambling 10 Compliance, the publication that is a daily 11 supplier of enormous amount of useful 12 information is James Kilsby. He is probably 13 the premier chronicler of online gaming here 14 and across the globe. And we're fortunate 15 enough to have with us today to give us sort of 16 17 a synopsis of what's going on throughout the 18 country and a snapshot of what's going on 19 elsewhere.

20 MR. KILSBY: Thank you for that very 21 kind introduction. I just have a brief 22 presentation to give you a sense of which 23 states are looking at this area, which have 24 legalized already and then try to put that into
some global context of jurisdictions that have
 gone before. Just give me a moment to load the
 presentation.

As I mentioned, the purpose of my 4 presentation is really just to update the 5 Commission as Massachusetts addresses this 6 issue in its early stages of doing so, which 7 states would it potentially be looking to 8 9 follow. And where does this discussion fit within the context of the nationwide 10 international debates about some of the key 11 policy issues in this area. 12

You see from this slide where we 13 stand today. Internet gaming, by that I mean 14 online casino games or poker, is now legal in 15 three states which is Nevada, New Jersey and 16 17 Delaware. There have been bills or proposals 18 probably likely to be considered in perhaps 19 eight to 10 other states and also before Congress this year. 20

There also are three state lotteries that are participating in online gaming through either offering their traditional lottery tickets for sale on the Internet or Keno or

instant type games being offered to their
 customers online.

I think it was Senator Rosenberg 3 earlier mentioned that this is a new frontier 4 for the gaming industry. And I thought it was 5 a good point to consider why we now are 6 approaching this frontier now? And why is this 7 an issue that seems to be gathering far more 8 9 momentum in perhaps the last four years than it 10 had previously?

And among the many reasons why I 11 think that we're now discussing this issue I'd 12 probably like to highlight four. Firstly, I'd 13 suggest that there is now an increased interest 14 in iGaming as an opportunity among the industry 15 itself. And that's both the casino operators 16 17 and the suppliers, the likes of IGT and Bally. 18 Thinking the last perhaps four to five years, 19 those domestic companies are starting to embrace this as more of an opportunity than 20 perhaps a threat to their businesses. 21 22 Secondly, we've seen an increasing 23 comfort that this activity can be regulated on

24 the part of the well-established gaming

1 authorities in Nevada and New Jersey

2 especially.

Thirdly, and it's important to note that one of the reasons why we're now seeing activity in this area is because it's becoming increasingly apparent in that this is an activity that states can pursue and can look to regulate themselves under federal law.

9 I am absolutely not qualified to 10 give an overview of all of the federal laws as they potentially apply to online gaming. But 11 there are certainly two that the Commission may 12 wish to consider in looking in greater depth. 13 Firstly, there you'll see the 2006 Unlawful 14 Internet Gambling Enforcement Act, which was 15 passed by Congress to prohibit deposits made to 16 17 unlawful Internet gambling websites. So, it's 18 effectively a ban on the processing of payments 19 for illegal Internet gaming.

20 That Act didn't offer an exact 21 precise definition of what unlawful Internet 22 gambling was. And actually, it appeared to 23 open the door for lawful Internet gambling. 24 And specifically said that that term unlawful Internet gambling does not apply to
 transactions that are initiated and received or
 otherwise made exclusively within a single
 state, subject to those states being legalized
 and regulated.

6 So, that kind of opened the door for 7 states to consider about exploiting that 8 provision within the federal law.

9 Another key barrier that has been 10 removed in recent years is the 1961 Wire Act. 11 Under the previous administration, the US 12 Department of Justice had taken the stance that 13 this 1961 law prohibits all forms of Internet 14 gambling.

Where in December 2011 just before 15 Christmas the Department of Justice's office of 16 17 legal counsel published a memorandum reversing that traditional opinion and stating that 18 19 actually the Department's view is that the Wire Act only prohibits sports betting online. 20 So, really that cleared up one legal 21 question mark in this area about what the 22

23 states could do. And combined with that the 24 2006 Unlawful Internet Gambling Enforcement Act

that created a federal legal environment that
 we are now seeing states like Nevada, New
 Jersey and Delaware move into.

4 That brings me onto the fourth point 5 really as to why we're seeing increasing 6 activity. I think again that's an area of 7 federal law and federal legislation. I think 8 the states are seeing this as the potential for 9 Congress to act again in this area.

10 Perhaps the earlier adopters of Internet gaming would be favored under any 11 federal legislation that does come down. 12 Perhaps even those that don't act to regulate 13 in this area may even lose the opportunity in 14 the future if Congress does decide to change 15 either of these two laws or pass a new one 16 17 aqain.

18 That's why we are here. And this is 19 a map really to show the state of play as of 20 the end of 2013. We have the three states 21 there. And just see Delaware and New Jersey 22 together and Nevada that legalized iGaming. A 23 total of nine states last year that either 24 considered formal legislation in this area or

legislative proposals and had discussions
 around this activity.

We could shade the map another way and shade in green Illinois, Georgia and Minnesota, which are the three states that via their lottery is participating in some form of online gambling with more traditional lottery products than the type we've just seen demonstrated.

10 As with the land-based gaming market across the country, that doesn't seem to be a 11 uniform expansion of Internet gaming even with 12 just the three states that have adopted it so 13 far. And the way that Rhode Island and New 14 Hampshire and Connecticut and Massachusetts 15 don't have exactly the same system in place, 16 17 the same structure.

18 That seems to be a pattern emerging 19 where states are taking the same approach in 20 regulating online gaming according to their own 21 policy objectives.

To illustrate that, Nevada is
regulated by the Gaming Control Board and
Gaming Commission and only allows licenses to

be obtained by the large resort style casinos.
And the only type of games that can be offered
by those interactive gaming licensees is poker
only. So, none of the casino style games or
slots that we've seen. The tax rate in Nevada
is 6.75 percent which is exactly the same tax
rate that is paid by the land-based casinos.

New Jersey, similar in the sense 8 that it's regulated again by the gaming 9 10 agencies, the DGE and the Casino Control Commission. Again, similar in that only the 11 land-based casino resorts in Atlantic City can 12 obtain the licenses to operate Internet gaming. 13 But as well as being able to offer poker, the 14 license holders can offer all types of casino 15 The tax rate is -- effective tax rate 16 games. 17 is about 17.5 percent, which is almost double 18 the tax rate that is applied to the land-based operations in New Jersey. 19

20 Third is Delaware is a different 21 model altogether, where the state lottery has 22 procured one online gaming platform that it 23 controls, oversees and operates itself. But it 24 offers that on a white label basis to three

racetrack casinos in Delaware. So, there's one
 platform, one backend to it.

The three casinos have their own 3 brands on three separate websites that use that 4 platform. And they market that to their 5 customers and share in the revenue on the same 6 basis that they do land-based gaming. So, you 7 see there are really -- the land-based gaming 8 9 regulatory models in Nevada, New Jersey and 10 Delaware are being brought online. And you clearly see where the regimes are coming from. 11 One other point of note is certainly 12 worth mentioning and a very recent development 13 is that Delaware and Nevada have agreed to pool 14 their poker players for a multistate agreement, 15

16 which basically means that the poker players in 17 Delaware and the poker players in Nevada will 18 be able to compete against each other via one 19 platform.

20 This is -- The necessity for this 21 may become apparent but that's an early sign of 22 collaboration between states in this area. 23 Perhaps moving towards what we've seen in the 24 lottery industry with Mega Millions and

Powerball where states work together to create
 games and products that are of greater consumer
 interest than they would be in the individual
 games that they operate themselves.

Just to illustrate again some of the 5 diversity of regulatory models that we're 6 seeing proposed either last year or carried on 7 into this year. Like I said, about a dozen 8 9 different states proposals are out there. Some 10 proposing different games, different oversight and different operators and different tax 11 12 rates.

I guess to highlight just a couple 13 of those. Massachusetts, as I'm sure you're 14 very much aware, there are two bills that have 15 been introduced in the state Senate. One to 16 17 authorize the Massachusetts Lottery to offer games online. And another to offer licenses 18 19 for iGaming to the prospective licensees that will be under the Gaming Commission's 20 authority. 21

22 California is probably a state that 23 we expect to hear more about as this year goes 24 on. There's two bills to allow online poker

only that are pending in the Legislature there.
 Pennsylvania, an official study that

3 the Legislature has requested is being
4 conducted and I believe should be presented
5 before May. But that would include a study of
6 the potential for online gaming in
7 Pennsylvania, which should give some sense of
8 the appetite and a context for a discussion of
9 online gaming in Pennsylvania.

10 Like I said, it's certainly worth noting the two federal bills that are pending 11 in the House of Representatives. One of which 12 would authorize poker games only in one poker 13 casino and others. But what we are really 14 talking about there, rather there being a 15 nationwide scheme regulated directly by the 16 17 federal government, there would be new agencies 18 created in the federal government that would set the standards for state regulators to be 19 qualified to issue licenses and regulate this 20 activity on an interstate basis. 21

As I say, one of the bills would create that scheme solely for poker, and the other for other games. And there's a lot of

different variables and fairly long pieces of
 legislation. But certainly that's the
 framework that's been under consideration in
 Congress is that state agencies would play a
 role in this area but they would have to show
 they're qualified to do so.

So, we're seeing certainly some 7 momentum pick up in this area since 2010 and 8 9 2011, which like I said, the two things in 2010 10 are perhaps when federal legislation really came into view as a possibility, and 2011 when 11 the Justice Department's position on the Wire 12 Act came out. We're seeing this clearly pick 13 up with both the number of states that are 14 considering bills in this area, and the states 15 that are considering allowing interstate play 16 17 as part of that system.

How fast and how much this is going to pick up is really, really unclear. I'm sure we'll see much more legislation considered in this area. But I'm conscious of Senator Rosenberg describing Massachusetts expanded gaming debate has gone on for decade after decade. So, there certainly is a sense of

political and legislative uncertainty within
 here in terms of how many states and how
 quickly they will get into this market.

4 Certainly, a lot of attention in the 5 next few months is being paid to New Jersey in 6 particular. That's the same with respect to 7 Nevada and Delaware, but I think New Jersey is 8 seen as the largest of those three states, the 9 complete range of products, poker and casino.

10 And I think the industry and all of the stakeholders in there are watching New 11 Jersey very closely to assess not just whether 12 the regulation is working effectively and this 13 is an activity that can be regulated, but also 14 how is it functioning from an economic 15 16 perspective, both in terms of the revenue that 17 it's generating, and also is there any impact of cannibalization on the Atlantic City 18 19 casinos.

20 Certainly, New Jersey is a very 21 informative case study for the next few months. 22 And I think the states that are considering 23 legislation are certainly aware of that. 24 So, quickly this is just a list, a

very nonexhaustive list of some of the key 1 2 policy questions that any state really would be looking to consider in this area. The state of 3 federal oversight is a big one. Traditionally 4 gambling regulation has been left to the 5 states, but the question is as this involves 6 the Internet does that make it an inherently 7 interstate activity? Certainly, at the moment 8 9 it's the states that are taking the lead in 10 regulation and moving this forward.

If a state is going to regulate or 11 authorize this, (A) there's a question of who 12 should operate Internet gaming within that 13 jurisdiction and who should regulate it? 14 Nevada and New Jersey have gone the route of 15 having their casinos operate it with oversight 16 17 by the gaming agencies. Whereas Delaware which there is Constitutional reasons for this, I 18 19 believe, but Delaware's lottery has been most active and if perhaps that's not a straight 20 choice between one or the other, is there a way 21 that you can have the lottery and land-based 22 23 gaming companies participate in this area? And 24 how does that oversight work?

The type of games will be another 1 2 one. In New Jersey and Delaware casino and all games. But in Nevada and what's being 3 considered in California is poker only. 4 Then if you're going to allow all casino games or if 5 you're going to allow casino style games, is 6 there a limit to place on the type of games 7 that could be considered there. I think one of 8 9 the bills in Massachusetts would not allow 10 games that appeared like slot machines. Games in that something that Spain and Italy and 11 Europe have done as well. 12

A big word and a big concept to bear 13 14 in mind in the fourth point there is liquidity, which is particularly important for poker. 15 This is the idea that the irony really of 16 17 regulating Internet gaming versus land-based 18 gaming is that the borders around which you are 19 regulating online gaming seem to be more defined actually than they are with land-based 20 gaming. Where if there's a casino that's on 21 the border of New Hampshire and Massachusetts 22 23 but within Massachusetts jurisdiction, the 24 number of players that can be drawn to that

facility is limited purely by the travel time
 that it takes to get there -- the desire of the
 players to do so.

Whereas for Internet gaming, if 4 you're regulating on a state basis, you are 5 confined to doing that and all players and 6 transactions within your state. So, the 7 greater pool of players that are available due 8 9 to state population really determines the 10 profitability of that market and the viability of that market, more so in some respects than 11 the land-based side. 12

And that kind of strength of play 13 and depth of population is particularly 14 important for poker because poker operators or 15 poker players expect to have a large range of 16 17 games available. And they're competing against 18 other poker players. So, the more players that you can have on a poker operation, the more 19 attractive it is to have a poker game, poker 20 regime where the small number of players is a 21 tricky one to do so. And tricky one for 22 23 operators that operate that in a profitable 24 way.

1 Next point is around geolocation and 2 ID verification and payment processing were 3 touched on the previous panel. And 4 particularly some of the hesitation at this 5 point of the banks that issue credit cards to 6 allow their cards to be used in Internet 7 gaming.

I think when you combine the 8 9 challenge of regulating in a confined 10 jurisdiction with liquidity, with the geolocation and ID verification controls that 11 are required plus the difficulty around on 12 payments that really leads you to some open 13 question around the revenue potential and the 14 profitability of markets on a state-by-state 15 basis. Again, that's I think one of the 16 17 reasons why people are looking so closely at 18 New Jersey.

19 Two final ones are big ones, and I 20 won't get into, but certainly one I just wanted 21 in mind is the suitability standards you might 22 require of new suppliers that will be servicing 23 the online gaming industry.

24 I believe the Commission is just

starting the process now of licensing gaming
 suppliers and technology providers for the
 land-based casinos. With Internet gaming, you
 may whoever the licensee are, they may look to
 tap the expertise of companies that formerly
 serviced the US market when it wasn't expressly
 regulated.

8 So, that raises questions about what 9 should be the standards that apply to that? 10 And should this be an area that the regulators 11 or the Commission has the authority to decide 12 for itself or do you legislate around that 13 area?

14 So, lots of questions that really 15 don't have an immediate answer, but certainly 16 hopefully gives some context to watch as this 17 area is developing in real-time in the three 18 states that have allowed it.

19 And if we skip to some of the 20 international jurisdictions, you probably see 21 that some of the same challenges have arisen 22 there. I'll stick with Canada and Europe to 23 frame what's going on in the states in an 24 international context.

Canada, there are now three soon to 1 2 be four provincial lottery corporations that are operating online casino and poker games. 3 You'll notice there that it's the lottery of 4 the Canadian provinces that is directly 5 operating. They've done similar to Delaware in 6 that it's the agency of the government that's 7 procuring the technology themselves and then 8 9 deploying it.

10 That's not so much a policy choice 11 as a limit around the Canadian federal law, the 12 criminal code that requires provinces to 13 operate gaming directly. But that's certainly 14 another example of lottery agencies being very 15 active in Internet gaming.

And Europe is a very complex and 16 17 fast-changing story in and of itself. 18 Essentially, what we're seeing is the vast 19 majority now of European Union countries authorizing and regulating online gaming. 20 Either they've done that already or they're in 21 the process of doing so. That would include --22 23 Licensing regimes are already in place now in 24 the UK, Italy, France, Spain and Denmark and

1 there are others in Eastern Europe.

And countries including Germany, the 2 Netherlands and Portugal and again others in 3 Eastern Europe that are actively undergoing 4 5 reforms to allow and license online gaming for the first time. So, that's on the one hand we 6 have system of licensing regimes. There's a 7 few countries that are offering online gaming 8 9 directly through state monopolies often lottery 10 companies. And that would be Sweden, Norway, Finland and Austria are examples of those. 11 Interesting to note really, and this 12 is where the lessons of Europe I'd exercise 13 some caution in looking at the impact of online 14 gaming in certain of these countries, because 15 16 they're doing a rather different thing in many cases than what is being talked about in the 17 18 States where we are really talking about 19 bringing existing land-based gaming, land-based casinos online. 20 The only country that's really done 21

21 that model to my knowledge is Belgium, which is 23 requiring a land-based license in order to move 24 online.

And essentially, Europe is a similar 1 thing. There's different games available in 2 different jurisdictions, different tax rates. 3 And some of the challenges, there's a big one 4 around conformity with European law, which has 5 6 driven the debate. That's certainly one that exists here. The challenges would include how 7 to have a competitive enough offer to beat 8 9 unlicensed providers.

And how to best harness liquidity 10 and create pools of players that are wider than 11 just one country. And there is no defined 12 solution that you can look to in Europe as of 13 yet that would give you the answer to that. 14 But as I say, it's a fast-moving and fast-15 changing industry. So, plenty to watch out 16 17 for.

18 I'll leave it that. I'm certainly19 very happy to answer any questions that you20 have.

21 COMMISSIONER CAMERON: I have one 22 question. James you mentioned the two bills in 23 Congress. But I don't believe you mentioned 24 the Wire Act fix being drafted. Does that have

1 to do with sports betting?

2 MR. KILSBY: No. There's nothing that's been introduced but there is likely to 3 be legislation this year. There is one Senator 4 5 from South Carolina that has already stated that he's drafting this. There's likely to be 6 legislation considered to undo the Justice 7 Department's opinion on the Wire Act, which 8 9 would essentially mean that that restriction 10 applied to all forms of Internet gambling and 11 not just sports betting. So, I think that's a debate that's 12 probably going to happen. But as to whether 13 (A) how is that going to work in terms of 14 legally resetting the law and then (B) how is 15 that going to play out in Congress. 16 And 17 whether it has prospects of passing is almost 18 impossible to say. 19 COMMISSIONER CAMERON: Thank you. COMMISSIONER STEBBINS: 20 James, do you sense any hesitation from some states that 21 they'll wait and see if there's any action on 22 23 the federal level?

24 MR. KILSBY: Perhaps not on the

federal level we'd see that. The momentum 1 builds and that's with the states really. I 2 think is there is a sense that there is some 3 hesitation to move forward, my feeling is that 4 it would be kind of paradox of New Jersey 5 especially moving forward. On the one hand 6 that's going to prove the case from a 7 regulatory perspective that this is something 8 9 absolutely that states have the ability to 10 effectively control. 11 On the other hand I guess it may have a certain that cools the momentum slightly 12 because now states can have a very real example 13 that they can look to from a revenue 14 perspective and otherwise. 15 So, there could be a sense that some 16 17 states now that there are three markets live, 18 looking to draw conclusions from those early adopters and apply them. And for all three of 19 them, it's the early days. So, perhaps it's a 20 sense of wait and see for a few months to be 21 able to draw those conclusions. 22 23 COMMISSIONER STEBBINS: Thank you.

24 COMMISSIONER MCHUGH: All right,

James. That's a great snapshot of what's going
 on here and a little bit about Europe.

Let me just thorough -- before I 3 turn to the next one, take the flip side of 4 Commissioner Stebbins question. Have you seen 5 any suggestions anywhere or suggestions 6 anywhere that states are perking up interest in 7 trying to get in ahead of whatever federal 8 9 legislation may come on the theory that if they 10 are established the federal legislation will have to take account of what's already there 11 and what's already been licensed? 12

13 MR. KILSBY: I am not sure that -- I 14 don't know that that's necessarily been so much 15 part of the debate in terms of what states have 16 done in their processes. Certainly, something 17 I think that advocates in this area have, I 18 know, they discussed.

19 There are those proponents of 20 wanting the gaming industry to embrace Internet 21 gambling and have really seen the opening the 22 door with the Wire Act as an opportunity for 23 states to move forward. I guess the reverse of 24 that is if the door is open, perhaps someone

would come along one day and close it. I think 1 that the kind of picking up the momentum is 2 more that opportunity of arriving rather than 3 it potentially disappearing. 4 COMMISSIONER MCHUGH: Thank you. 5 Whatever the case in the future, it's clear we 6 can't to here now. And to tell us why Pat 7 Hanley, Patrick Hanley is the chief of the 8 9 Gaming Enforcement Division of the 10 Massachusetts Attorney General's office. He's an experienced law enforcement 11 officer. Has had a number of law enforcement 12 positions. He's one of our partners in making 13 this thing work, making sure it works with 14 integrity. And he's going to outline for us 15 now in broad terms at least what the 16 Massachusetts framework is and is not. 17 18 MR. HANLEY: Good morning. Thank 19 you for the introduction. I'm fortunate enough 20 to be the last speaker before the break, so, I hope everybody is barely awake and I say 21 something interesting. 22 23 We're here under the impression or 24 the assumption that much of what we are talking

about is in fact illegal in Massachusetts. 1 2 There isn't a law in Massachusetts that says you can't gamble on the Internet. But there's 3 a whole bunch of other laws that were generated 4 5 largely before there were even computers that those overlapping laws make it clear that you 6 can't gamble on the Internet under the existing 7 laws. 8

9 In my experience, prior to this job 10 largely, we have prosecuted gambling cases where folks were what's called organizing and 11 promoting gambling organizations. Often what 12 would happen would be -- and that's under 13 General Law 271 16A. Generally, individuals 14 would place bets on the Internet. There'd be a 15 bookie what was physically here in 16 17 Massachusetts. The Internet part would be offshore somewhere. But if you won, your 18 19 bookie would come meet you or an agent for that bookie would come meet you and pay. If you 20 owed, that bookie would probably find you and 21 you'd have to pay them. 22 23 So, in Massachusetts I mentioned

24 cases, United States versus Todd Lyons and

Daniel Eremian is a recent First Circuit case.
 It was a Massachusetts wiretap, but it explains
 how historically Internet gambling has been
 prosecuted in Massachusetts. I also prosecuted
 a case that pled against a guy named Joseph
 Gialanella and one of his agents Gerald Sower,
 which basically worked the same way.

But the framework in Massachusetts 8 9 that deals with gambling, the criminalizing 10 gambling is basically found in two places under 23K section 37, which outlaws operating any 11 game or gaming device as defined in the 12 beginning of that chapter. A game or gaming 13 device is defined pretty broadly to include I 14 think a game operated via the Internet, unless 15 it's authorized by the Gaming Commission. 16

But more than that under General 17 18 Laws under Chapter 271 which is where most of 19 the historic gambling crimes can be found, and they are historic, almost prehistoric in the 20 way they are written, but these laws make it, 21 as I said, not illegal to gamble on the 22 23 Internet. It doesn't say that. But it says 24 it's illegal to offer gambling devices for sale

1 which arguably would include software.

Under for example 271 section 7, it 2 makes it illegal to, aside from sports bets, 3 but for nonsports bets any type of game of 4 chance which is defined as a lottery, you can't 5 place any bets, those types of bets. 6 Under Chapter 271 sections 9 and 11, 7 it outlaws both the sale and the advertising of 8 9 any out-of-state lottery tickets. I know that 10 there's been discussion nationally about different states wanting to offer the sales of 11 lottery tickets from their state in another 12 state in order to boost business. You can't do 13 that here in Massachusetts. 14 Again as I mentioned, Chapter 271 15 16A, that's our big felony, organizing and 16 17 promoting statutes, 15 year felony if you 18 violate this. And it basically says that if 19 you have four or more employees, four or more people that are functioning as part of an 20 operation to offer any type of bet that is 21 illegal in Massachusetts. 22 23 So, I imagine that almost any 24 Internet gambling company has at least four

employees. So, it's under that statute that is
 sort of the big deterrent to doing it here in
 the Commonwealth.

4 271 section 17 outlaws keeping a 5 place for registering bets. So, arguably if 6 there were a kiosk where you could go and place 7 bets via the Internet at a kiosk that would be 8 illegal as well.

9 Section 17A says you can't use a 10 phone for registering any kind of bet. It 11 doesn't actually say anything about the 12 Internet, but arguably using a phone, the 13 Internet uses a phone line in most cases. That 14 arguably would be illegal as well.

You can't possess records related to gambling under section 20. You can't send or receive any information about gambling. So, an email saying hey, you've won probably illegal under section 22.

20 You can't place bets on horses or 21 illegal horse races in Massachusetts unless of 22 course it's authorized horseracing. And the 23 most absolute law in Massachusetts on betting, 24 you can't bet on boxing in Massachusetts in any 1 way, shape or form.

The reason I just offer this, and I 2 have this cheat sheet here on what the statutes 3 are, like I said, there's no places that it 4 says you can't gamble on the Internet in 5 Massachusetts. But there's a whole bunch of 6 other laws that sort of blanket the territory. 7 And to the extent that the Commonwealth would 8 9 choose to make it legal in some circumstances, 10 there'd have to be a carve out as there is more brick-and-mortar businesses under Chapter 23K. 11 All of these 271 statutes that I 12 mentioned all have carve outs except where 13 authorized under 23K by the Gaming Commission. 14 That's it. Any questions? Thank 15 16 you. COMMISSIONER MCHUGH: 17 There aren't 18 many rough edges there. So, I think what we'll 19 do now with thanks to the panel for these thoughtful and stimulating discussions is take 20 a break from this gathering to discuss illegal 21 activity. And we will resume in 15 minutes. 22 23 Executive Director Day will lead the 24 next two segments of the program, 15-minute

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break and then we will resume.
 1
 2
                (A recess was taken)
 3
 4
 5
                MR. DAY: I'd like to make just a
     couple of quick informational remarks at least
 6
     for our presenters and our panelists and our
 7
     staff, we will be providing lunch for you just
 8
 9
     next door where we were this morning. We're
10
     going to take that lunch break at 12:30
     according to our agenda.
11
                I would also like to acknowledge
12
     Janice Reilly and Maryann Dooley who have been
13
     the two who have been actually organizing this.
14
     Jim and I are just the good-looking guys
15
     providing the entertainment. Thanks Janice and
16
17
     Maryann. We appreciate your help and work.
18
                Our next panel is going to be a
19
     little discussion about the risk to Internet
     gaming, in particular money laundering, problem
20
     gambling and verification. At least it's been
21
22
     my experience that the idea of this topic,
23
     these are subjects that almost any discussion
24
     of Internet Gaming and whether or not you're
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going to have Internet gaming in a jurisdiction
 usually end up in these subjects somewhat along
 the line.

And I think even as we opened up our 4 5 discussions this morning, our previous speakers have already touched on some of those issues. 6 The idea of this topic to finish this morning 7 is if time permits we'll check for questions 8 9 after each speaker is done, but we'll try to 10 move right on through their presentation. And depending on how quick we're able to get 11 through it, we're going to allow them about 20 12 minutes to summarize each one of the topics. 13 I'd like to talk briefly. Our first 14 will be Tim Richards. Tim is right to my 15 right. Tim is the General Manager and Senior 16 Vice President of Global Cash. Tim joined 17 Global Cash in 2011 as the Senior Vice 18 19 President for product development. In February 2013, he was named to the GM and Senior Vice 20 President of the new interactive solutions 21 division with a goal of establishing Global 22 23 Access's market leadership position into the 24 iGaming space.

So, prior to Global Gaming Access, 1 Mr. Richards worked in product innovation 2 related executive positions for Interblock, 3 IGT, Progressive Gaming and Gaming Systems. 4 So, the topic we've asked Tim to 5 address for us this morning is about money 6 laundering and age verification. And with that 7 Tim, it's all yours. 8 9 MR. RICHARDS: Good morning. I 10 think some of you may have heard of Global But just to give you a quick background Cash. 11 on the company is we provide cash access 12 services, ATM services for the majority of the 13 gaming markets. We are very much focused on 14 the casino market in the US. We have about 70-15 75 percent of the casinos. We process about 16 17 \$20 billion each year in transactions for 18 casinos.

19 And we also operate about 15 or 18 20 cash checking booths, which allows us basically 21 to provide check cashing cash access services 22 for those casinos which they've asked us to put 23 those booths in. Basically run that part of 24 the cage for them.

And for that as a company, we have 1 to follow a lot of these same AML rules. And 2 it's something that we've not only built into 3 our products, but it's something we have to 4 practice on an operational basis each day. 5 So, I spent a good amount of time 6 with our product compliance folks in that 7 department, and gathered some information 8 9 through them. And hopefully we can make this 10 informative but feel free to follow up with any questions if I missed anything. 11 Please understand this is the based 12 on our practical experience. Of course, 13 there's a lot of legal ramifications and 14 probably a lot more questions that will need to 15 be answered than what can probably be answered 16 in 20 minutes. 17 18 The first question is what is AML or 19 what is money laundering? AML by the way I'll probably throw that out there is anti-money-20 laundering. But I went out and I found two 21 definitions on the Internet. The first one 22 23 that came up was basically it's consuming of a 24 source of the illegally gotten money. That was

from WordNet. I'm not sure I've used that site 1 2 before but I thought it was interesting. So, I'm a little bit warped. And I 3 thought well, I'll go to Urban dictionary and 4 see what Urban dictionary has to say. That 5 will probably be kind of funny. 6 And it was actually a really good 7 definition. It was probably the best one I had 8 9 come up with. Basically, the process of hiding 10 the source of illegal income by processing it through a large turnover entity who takes a 11 premium from it and then receiving the income 12 from that entity to avoid suspicion. I'm sorry 13 it's a little hard to read up here. 14 Basically, it's what it is. It's 15 hey, I've gotten some illegal money. How do I 16 17 run it through a few sources and make it appear to be legal and legitimate. And generally 18 19 there's a vig I'm going to have to pay in order to make that happen. 20 I wanted to just throw a few 21 examples out there. I think generally speaking 22 23 in the news we hear of money-laundering, We 24 hear of this sort of thing. And in the past,

it's happened through banks. I apologize if 1 you can't see that in the back. But these 2 seven dots basically represent fines over the 3 past few years for some of the major banks. I 4 think the first big dot is \$1.92 billion was 5 the fine that HSBC paid for their actions 6 mainly in Latin America where they were kindly 7 taking cash in the banks and allowing it to be 8 9 laundered through their banks.

10 As you can see, there are several I wanted to throw this up there 11 others. because I think it is something that FinCEN and 12 the US take very seriously especially within 13 the banks. I'm not sure from a gaming 14 perspective that we've ever reached these 15 levels of fines, but it is something the banks 16 are keenly aware of. And of course, all of 17 18 this ties together. And it generally prompts a lot of questions from the banks and why we've 19 had issues with payment processing, if you 20 will. I know it was mentioned earlier. 21

22 While we've had issues with payment 23 processing in the iGaming and Internet lottery 24 space, generally speaking, the banks are very

concerned about iGaming. And oftentimes they
 cite that reason they won't process for iGaming
 is there's a reputational risk.

As opposed to other things banks have done, I'm not quite sure it's that great of a risk. But, today in iGaming there is really just one processor and one bank that will process for iGaming in the US. So, it is a bit of a concern.

10 So, money-laundering in the iGaming 11 space, generally speaking money-laundering in 12 the iGaming space has been related to 13 accusations related to essentially offshore 14 sites allowing iGaming in the US.

Maybe not a great example, but I 15 think it's sort of if you think about the 16 17 reason the mob or the mafia always gets arrested, it's usually tax evasion. It's not 18 the crimes they really committed. I think that 19 this ends up being a way that the Feds. have 20 been able to go after illegal offshore gaming. 21 And it's basically they're 22 23 essentially money-laundering. They're taking 24 money under the false pretenses of using errant
or wrong category codes through processing.
 They're posing it as different transactions.
 And generally speaking, that's where money laundering has been enforced, if you will, in
 the iGaming space, because there hasn't really
 been any legal iGaming.

You've probably heard there's 7 certainly been a few money-laundering and 8 9 reporting fines that have been issued to some 10 of the land-based properties in the US. But from an iGaming perspective that's tended to be 11 the reasoning is basically not using proper 12 category codes for payments; accepting funds 13 through UWALL (PHONETIC), not using the codes 14 and then moving those funds to the gaming 15 sites. So, there's been a few major fines in 16 that area. Off the top of my head I know one 17 18 of them was upwards \$160 million that one 19 company paid.

20 So, where is money-laundering found 21 and how does this happen? Generally speaking, 22 money-laundering is going to be much more 23 prevalent in unregulated gaming and illegal 24 Internet gaming. The reason being is there's a

bit of internationality, if you will, to the 1 funds flow. That funds can flow between 2 countries a little bit easier when you're 3 working between unregulated markets. Often 4 there is very little KYC or know your customer 5 type of verification that we would consider 6 here. There's potentially anonymous play. 7 There's markets with no taxes on high wins. So 8 9 certainly, it makes more sense to play in those 10 markets.

You're able to play very high 11 percentage games, games like Baccarat or maybe 12 playing a craps game with a pass line and 13 taking all of the odds. Or playing blackjack, 14 maybe some advantage play there or basic 15 strategy. You can get the percentages to those 16 games down to call it less than two percent if 17 That's 18 not less than one percent on turnover. a pretty effective way to launder money. 19

20 What you see here is that we process 21 for a few of the lotteries, North Carolina and 22 Minnesota for Internet purchases. And 23 laundering always comes up from a lottery 24 perspective. I don't think I'm telling any secrets, but lotteries hold about 50 percent of
 funds.

3 So, if you're going to launder 4 money, I don't think buying lottery tickets and 5 hoping you win Powerball is probably the right 6 way to go. There's certainly more effective 7 ways.

Certainly, it's something we track, 8 9 we monitor for suspicious activity in that 10 space but there's limits on daily purchases. Ι think maybe it's \$50 and deposits of \$350, \$500 11 depending on the state. So, you can see it's 12 going to be really tough to manage AML or I'm 13 sorry to actually want to launder money in that 14 15 space.

Even with the processes that we've put in place, if you deposit funds for wagering, you have to wager those funds. You can't withdraw those funds until you win, unless of course it's a refund or you've made a make a mistake. Certainly, you can call up and ask for a refund.

So, there's some ways that money-laundering has been combatted in that space.

And I don't see the lottery space as being an 1 effective way to launder any money. Certainly, 2 there are some games that could be attractive. 3 There's also no physical goods 4 involved. There's higher stake games in some 5 markets. And so it makes it attractive to 6 money launderers, especially in unregulated 7 markets.

8

9 So, some examples of money 10 laundering are, maybe I go and I buy a bunch of prepaid cards, fund an anonymous account and 11 then withdraw those funds. Maybe I fund with 12 some large deposits, maybe I make a few small 13 wagers, I play a little bit and then I withdraw 14 those funds. Maybe I open up several accounts, 15 deposit withdraw amounts that are below the AML 16 tracking limits. 17

18 So, generally speaking, when 19 fraudsters hit you, they're going to try smaller transactions. We see this. For 20 instance, we have a check-cashing business. 21 We'll see guys that maybe will cash \$50, \$100 22 23 checks. And they'll do that three or four 24 times. Once they gain your trust or once they

begin to learn your limits, they either begin
 to play just under those limits or they hit you
 really big for fraud.

Generally, they're testing you and 4 you need to look for that. I can tell you and 5 we can see from a check cashing perspective 6 guys that might do four dollar transactions for 7 an ACH online. They see if they can do it. 8 9 Then they hit us with a \$500 transaction. So, 10 it's just something you have to be aware of. And you can spot that type of activity if 11 you're actively monitoring it. 12 Certainly, you don't want to allow 13 any peer-to-peer transfers between accounts. 14 That's generally almost against every 15 regulation in any state that's looked at this. 16 17 You can attempt to withdraw funds to an account other than where your funds were deposited 18 What that means is I could deposit funds 19 from. from my checking account and try and withdraw 20 them to Rick's checking account, into a 21

22 different checking account. And that's how I23 can move the funds around.

24 Generally speaking, you want to send

it back to a known account, a vetted account or
 to the same account.

There's a thing called chip dumping. 3 I decide to jump online and play poker. 4 Maybe I have multiple accounts, maybe I'm in 5 collusion with somebody and I magically go all 6 in every single time and lose all my money to 7 my partner who then wins. Generally speaking, 8 9 many of the poker systems and I'm sure these 10 guys can tell you better, have ways to try to vet that and look for chip dumping. But that 11 certainly can be a common practice. 12 And of course, the use of digital 13 currencies. Bitcoin and these kinds of things 14 you just don't want to bring them in. 15 Obviously, I don't think anybody would 16 17 seriously consider that today, but I think that they just need to mature before they even 18 become considered as valued, payments methods. 19 So, some signs of potential 20 suspicious activity, patrons conducting 21 transactions that I mentioned, multiple 22 23 transactions in a short period of time. 24 Basically, allowing people to register multiple

accounts, which can be stopped through KYC 1 2 processes, using proper KYC companies. Monitoring for smaller transactions and then 3 the larger transactions need some thresholds. 4 5 I touched on most of this. So, is there a strong risk of AML in 6 iGaming? And I certainly take the opinion I 7 don't think that there's a huge risk of AML --8 9 I'm sorry for money-laundering in iGaming. And 10 I think there's a lot of safequards. There's a lot of vetting of the accounts. 11 There's just a ton that we do in 12 gaming space to try to deter this. And I think 13 that unlike land-based, everything is monitored 14 through an account. It's generally a 15 registered account, somebody who you've KYC'd. 16 17 It just doesn't seem likely that's a great place for people to money launder especially in 18 19 regulated markets. So, what are some of the 20 responsibilities of an operator? Most 21 22 operators as in New Jersey and Nevada are going 23 to have land-based AML programs already in 24 place. Look at those programs, expand them,

make sure that they cover this business
 segment. Work with the businesses.

I think from a compliance 3 standpoint, you want to work hand-in-handing 4 with the business, hand-in-hand with what the 5 regulators want to see to ensure that you have 6 a policy which matches your business needs. 7 Not just put a policy in place which could 8 9 hinder your business or not be what your 10 business wants. It may even be bigger than what your business wants. 11 You need to identify what type --12 what your role is in the process. Are you from 13 stored value perspective, how you're holding 14 the funds. Are you responsible for this? 15 Is your payment provider, your wallet provider? 16 Where do you fall in that list? 17 Basically, you want to make sure 18 19 you're obviously putting your transaction monitoring and looking at your thresholds. 20 It's something you need to do on a daily basis 21 looking for suspicious activity. 22 23 You want to ensure that your 24 technology is capturing this. You're going to

have a ton of transactions, how are you 1 2 analyzing it? What analytics are you doing? Are you using some intelligence try to identify 3 this? Is it something you're doing on 4 spreadsheets? How are you bringing it together 5 6 with your land-based program? Are you required to combine all of your businesses into one AML 7 program and look that way across your 8 9 businesses? Just a lot of questions that need 10 to be answered beyond just what you're doing in iGaming. 11 Obviously, it's out there by FinCEN 12 and certainly able to find a ton of information 13 online and a ton of good consultants who can 14 come in and help you set this program up. 15 I did mention there at the end, you 16 17 want to make sure it's easily auditable. I think as a company we're audited probably by 18 19 four or five banks. We're audited by Visa, MasterCard. We're audited for each of our 20 money transmitter licenses, check-cashing 21 licenses. We probably have the potential to be 22 23 audited -- We have outside AML auditors that

24 come in probably upwards of 50 times a year.

They don't always audit you every 1 2 year. So, you make sure that your data is easily get at and it's easy to be presented to 3 the auditors. Of course, we're in a different 4 situation than a single site would be in. We 5 have, I don't know 36 money transmitter 6 licenses. And we're operating in different 7 countries. 8

9 So, it's something when they come 10 in, you certainly want to make sure that you 11 can easily get at that information. Auditing 12 is a huge expense and time.

13 This process just sort of walks 14 through the AML requirements. But basically, 15 you're going to conduct your KYC. Initially, 16 you're going to do proper age verification. You 17 want to do an OFAC check. You want to look at 18 all of the suspicious lists.

You're going to establish your
reasonable monetary thresholds. You're going
to limit deposits and ACH and credit to an
appropriate alternative payment sources.
Meaning you don't want to bring in some crazy
stuff, bitcoin, those kinds of things.

You want to make sure they're 1 credible sources that are being allowed to 2 deposit funds. That you know them. That they 3 have audit processes in place. That they're 4 not going to get you in trouble. 5 Obviously, prohibiting peer-to-peer 6 transfers. Obviously, conducting proper 7 geolocation within the markets which I think 8 9 Lindsay will touch on. Ensuring cash out. 10 Geolocation is important in payments as well. Because if you're beginning to see 11 that you're receiving a ton of transactions 12 from the same IP address or the same location, 13 you have to think is this a guy in his basement 14 with 100 fraudulent cards trying to hit me. 15 16 In the payment space, we make a very 17 small percentage of each transaction. So, if 18 you lose \$1000 it's going to take probably \$100,000 for us to make that up. It's not 19 something easy for us to take when you're 20 selling cash. 21 Combating money-laundering, 22 23 obviously there's a lot of safeguards that can 24 be put in place. Licensing, vetting the

operators, requiring the AML processes to be in place. Doing all of the validation that I spoke about, extremely important. Enabling the account limits, you can have daily, weekly limits as well. I think responsible gaming plays a strong part in this. I think it helps in that role.

Obviously, having proper analytics, 8 9 fraud detection, working with some of the 10 service providers out there, doing proper device fingerprinting. There's just a ton out 11 there that can really help route this out. 12 Then just to touch on age 13 verification a bit. Obviously, it's a big 14 question. How do we know that somebody is 21? 15 I think there's very good ways to vet the 16 17 accounts. However, there is certainly a bit of trust. I think there's a bit that goes in the 18

20 that this is a huge -- I don't believe this is 21 a huge issue. But I think it's certainly 22 something that needs to be addressed. 23 Basically, by doing proper KYC

parents' hands. I think that I don't believe

24 verification, doing the date of birth

verification, looking for things and ensuring 1 that they match each of the accounts. You can 2 even through some of these services throw back 3 challenge questions that maybe a child may not 4 know of the parents. For instance, where is 5 your mortgage? Which bank is it with? 6 What kind of car did you register with the state in 7 1984? I don't know. But there is certainly a 8 9 list of knowledge based questions that 10 companies like Experian and others can provide 11 you.

And our partner for this process is 12 Experian. So, I do use a little bit of their 13 information here. But their data is constantly 14 being updated. There's new credit applications 15 continuously going in. They basically have 16 access to 37 states for driver's license 17 information. It includes a ton of data, a ton 18 19 of data that's out there.

Here is just a few statistics that they've provided me. I'm not sure if you can see that. Basically, 200 plus records related to credit applications that are being updated every day. Consumer credit data, hundreds of

1 millions of records there.

They use other data besides 2 Experian. So, the question always is what if 3 you're not in that database. And I'm speaking 4 5 to Experian, but certainly all of the other KYC providers do the same. 6 They roll up to things like utility 7 databases, cellular phone databases, things 8 9 that maybe somebody who doesn't have a credit 10 rating would have done -- maybe would have purchased. So, you can really effectively get 11 at 98, 99 percent of the folks out there. 12 There's always going to be corner 13 I take the opinion in everything I do 14 cases. that if I can manage 98, 99 percent of base 15 really, really, really well that's probably 16 17 better than worrying about a few of the corner 18 cases that I might lose. Especially if it's 19 somebody that's unbanked or maybe isn't quite known today. I think that may be okay. I 20 think you have to do certain things very, very, 21 very well, and do the best as you can. And I 22 23 think that's better for business.

24 Certainly, they have a huge fraud

database that they're looking at everyday as well. So, I think there's a lot of good KYC providers out there. And they probably are --Frankly, they're all sharing and buying a lot of the same data and databases. That concludes. I don't know if there's any questions.

COMMISSIONER STEBBINS: Just one 8 9 quick question. You used the term proxy 10 piercing. What is that? MR. RICHARDS: I might actually 11 leave that to Lindsay to discuss. Basically, 12 it's trying to get through somebody's proxy on 13 their PC as you want to make sure they're not 14 fraudulently disguising themselves. Being able 15 to go beyond their browser information, the 16 information that they're portraying to you. 17 You almost don't rely on that. 18 19 Is that something you touch on,

20 Lindsay?

21 MS. KINNIMONTH: Yes, I will go over 22 that. Pretty much looking where a person is 23 trying to pretend they are versus where they 24 actually are, getting through to their original

1 source location.

COMMISSIONER STEBBINS: Thank you. 2 MR. RICHARDS: Thank you. 3 MR. DAY: Thanks, Tim. Appreciate 4 it. Our next presenter will be Mark Vander 5 Mark is our Director of Research and Linden. 6 Problem Gambling for the Massachusetts Gaming 7 Commission. Mark also serves as the lead for 8 9 our large research project.

10 I might say prior to joining the Commission, Mark was the Executive Officer of 11 the Office of Problem Gambling and Prevention 12 at the Iowa Department of Public Health. 13 And Mark serves on the board of directors for 14 Problem Gambling Service Administration and the 15 National Center for Responsible Gaming. So, 16 we've asked Mark to lay some foundation work 17 18 and also to introduce Mr. Whyte. Thanks, Mark. MR. VANDER LINDEN: Thank you. So, 19 in graduate school, I took a course on critical 20 thinking, Dr. Eileen Gambrill. And she spent a 21 lot of time talking about drilling down to what 22 23 is the key answerable question. I think it was 24 a fantastic course because for one I remember

1 it.

But one of the things that it fell 2 short at was I can understand the need to 3 identify the key answerable question. And 4 5 that's fine. And I think that we're doing a 6 good job of that. But it's finding the answer that goes without too much debate is the real 7 challenge. And I think that I am finding that 8 9 day in and day out at the Commission is 10 drilling down to what is the true answer to 11 these questions. So with that, I find for this topic 12 that the key answerable questionable will the 13 legalization of online gaming lead to an 14 increase in the rate of problem gambling and 15 related social issues? So, it's clear that 16 there are fundamental differences between 17 online gambling and what's legally available 18

19 today in the US. What impact will it have on 20 who plays and how they play? I am just very 21 briefly going to take these issues on and I 22 think that it's going to tee up Mr. Whyte quite 23 well.

24

The fundamental differences, just

really briefly, Internet gambling provides
 greater convenience and easier access for one.
 One can play while intoxicated. They can play
 while intoxicated and easily go unnoticed and
 without intervention. Internet gambling
 provides the ability to play on multiple sites
 and/or games at once.

Anonymity or at least a perceived 8 9 notion of the anonymity. Some of the 10 characteristics of online gambling may be particular attractive to novice gamblers as 11 they're learning this skill. It's a great way 12 to practice. It's a great way to go and get 13 some experience at this when you perhaps don't 14 have the experience and have to go in front of 15 a group of people. 16

17 Those are some, certainly not all of 18 the differences between what you would see 19 between online gambling and the traditional 20 brick-and-mortar.

21 One other factor that doesn't 22 necessarily neatly fit into that but I think 23 that certainly deserves attention is that 24 between online gambling and traditional brick-

and-mortar is that problem gamblers will have a
 much more difficult time avoiding gambling
 venues which are at the click of a mouse.

4 This is of particular concern for 5 persons who are experiencing gambling problem 6 as well as those who are recovering from a 7 gambling problem.

8 Second is I wanted to talk about 9 what does the evidence tell us about the link 10 between problem gambling and online gambling? 11 Certainly, there's a growing body of evidence. 12 And this is one of those areas that we're 13 finding some variation in what the evidence is 14 telling us.

15 Studies by Dr. Williams and Dr. 16 Woods funded the Alberta Gaming Research 17 Institute found that the rate of problem 18 gambling disorders are three to four times 19 higher among those who gambled on the Internet 20 compared to those non-Internet gamblers.

A second study also by a well-known researcher Dr. Mark Griffith and others in 2007 British Gambling Prevalence Survey found that those who gambled on the Internet were disproportionately represented by problem
 gamblers.

This is where it gets a little bit 3 more complicated, because certainly there is 4 other types of evidence that we need to take 5 into consideration when we look at this issue. 6 Not so far from home, we have Dr. Howard 7 Shaffer, Dr. Debi LaPlante and others at the 8 9 Division on Addiction at the Cambridge Health 10 Alliance.

11 They studied the actual wagering 12 transactions of 40,000 online gamblers on the 13 Bewin website, which is one of the largest 14 gambling companies in the world. They found 15 that a majority of the Bewin players wagered 16 moderately when compared to the overall betting 17 patterns of other subscribers.

18 They also found that approximately 19 five percent of the online gamblers studied 20 appeared to engage in what they considered to 21 be "excessive betting behavior patterns" in 22 terms of time and/or money spent. 23 It should be noted that this was not

24 a diagnostic tool. So, they weren't able to

actually diagnose whether or not these
 individuals had a gambling disorder but their
 behaviors that they were able to track were in
 line with a gambling problem.

5 Their conclusion was that the 6 gamblers that were gambling online appeared to 7 be consistent with the overall prevalence of 8 gambling disorders population wide. So, really 9 no difference between those who are gambling 10 online versus those who are not gambling 11 online.

Second, how many people are gambling 12 on the Internet anyway? And are they problem 13 gamblers? In California, Dr. Rachel Volberg 14 who is with us today, did a study in California 15 in 2006. She found that although only two 16 17 percent of the respondents ever gambled on the 18 Internet, 11 percent of those individuals are 19 classified as pathological gamblers with gambling disorders. And another 19 percent 20 were classified as subclinical or problem 21 22 qamblers.

In Massachusetts, the MassachusettsCouncil on Compulsive Gambling led a study last

summer, the Massachusetts Statewide Gambling
 Behavior Opinions and Needs Assessment. They
 found that only three percent of social
 gamblers had ever bet in the last 12 months on
 an Internet casino. Almost all of them only
 played a few times in the past year.

About 15 percent of persons taking 7 the survey met the NODS criteria for problem 8 9 gamblers, and that had bet within the last 12 10 months. Or 12 percent had bet once a week or greater. And approximately 45 percent of all 11 persons taking the survey that met the NODS 12 criteria for probable pathological gambling had 13 bet money in the last 12 months on an Internet 14 casino. Thirty percent had bet once per week 15 16 or greater.

17 This is something we're going to be 18 following up on as well through our SEIGMA 19 study as we take a look at what are the 20 gambling behaviors of persons living in 21 Massachusetts, with Internet gambling is 22 certainly one of the types of gambling we'll be 23 paying attention to.

24 In Iowa where I had come from before

moving to the great Commonwealth of 1 Massachusetts, in 2011 we conducted a study 2 that looked at the gambling attitudes and 3 behaviors. Found that five percent of adult 4 Iowans had ever gambled on the Internet. And 5 two percent within the last 30 days. The fact 6 was that Internet was actually one of the least 7 reported gambling types that was out there. Ιt 8 9 was beat out by Keno. It was beat out by 10 high-risk financial trading and a whole host of other types of gambling behaviors. 11 In a separate study evaluating our 12 treatment services in Iowa in 2013, so looking 13 at individuals who actually came and sought out 14 treatment for a gambling disorder, four percent 15 had said they gambled on the Internet in the 16 17 last 30 days prior to seeking treatment. 18 Interestingly and kind of drilling 19 that down a little bit further, only 17 percent of that four percent had indicated that 20 Internet was a primary way in which they had 21 gambled, while 29 percent said it was secondary 22 23 and 53 percent said it was tertiary, which kind

24 of lens this idea that Internet gambling is

typically something that people add onto their
 repertoire of gambling behaviors.

So, I'm sure you're not surprised to 3 hear that it's a complicated issue. Research 4 5 has yet to reach a consensus. A couple things I am certain of. I'm certain that legalization 6 of online gambling will lead to risks. I'm 7 also certain that it will lead to certain 8 9 opportunities to implement safequards to 10 promote responsible gambling. Safeguards that simply don't exist in the type of gambling that 11 we have legally available today. 12

Leading that charge and I think one of the great forward thinkers on this issue is Keith Whyte. Keith and the National Council on Problem Gambling have led a number of different initiatives on this looking forward to the advent of legalization across the country. So, I'll let him describe this further.

20 But let me introduce him real quick. 21 Keith Whyte has over 19 years of public policy 22 experience at the national level including more 23 than 17 years of involvement with gaming and 24 problem gambling issues. Recognized

internationally for his work on gaming policy,
 Mr. Whyte has presented on gambling issues in
 39 states and 13 countries. He has testified
 before United States Congress tour times and
 appeared before numerous state legislative and
 regulatory bodies.

7 He has written numerous articles, 8 studies, book chapters on gambling and is 9 frequently quoted in many different areas. I 10 won't go into all of those, but I am going to 11 turn it over to Keith. Thank you so much, 12 Keith.

MR. WHYTE: It's not all that. 13 Ι really appreciate the chance to be here. 14 Again, I just really commend the Commission for 15 taking an opportunity to provide a real 16 thorough look at a lot of these issues. 17 This is the third or fourth time I've come up there 18 19 for you all.

Again, it's just a fantastic opportunity as we were talking at the break, to engage in a discussion with all of the stakeholders, which is part of the mission of the National Council and our Massachusetts chapter as well. To bring everybody together
 from the pro-gambling side, media, impartial
 mutual folks like us, regulators to discuss
 some of these issues and try to find some
 common solutions.

So, what I'd like to do today is 6 very briefly hit on the Internet gaming 7 especially social gambling, which I think is 8 9 one of the most exciting areas, and look at it 10 from a regulatory perspective. What is it that you may face as you go down the road? 11 Again, for those who don't know the 12 National Council on Problem Gambling was 13 founded in 1972. We are neutral on legalized 14 gambling. We are here mainly to advocate for 15 problem gamblers and their families. 16 One of the things that we've looked 17 18 at a lot and what I think has been a little bit missing from this discussion today even is the 19 fact that obviously, Internet gaming is already 20 There's a lot of flavors of it already. 21 here. So, what I try to do is look at 22 23 what's available here in Massachusetts today,

24 whether or not it's legal. If you're a

gambler, especially if you're a problem 1 2 gambler, what do you have access to now online? You've got racing, which is I think 3 curiously left out. Racing has had sort of --4 They've had kind of a monopoly on legalized 5 Internet gambling going back to the OTV and 6 phone wagering days, but certainly since the 7 passage of the Interstate Horseracing Act, 8 9 which the Federal Department of Justice has 10 never challenged, which is giving them in most states if you see here can anyone be a TVG 11 subscriber? And it says yes. To open a TVG 12 account, you must be at least 21 years of age, 13 and operate in a state where racing services 14 15 are available.

And it goes onto list all of the states including Massachusetts. There's a little note here that residents of Massachusetts may not be able to place wagers on certain tracks. I'm not sure what that's about. And I'm sure Dominic or someone else can tell us.

According to TVG at least, and mostof the other national online racing providers.

You're perfectly able to wager online as long
 as you're playing the ponies from Massachusetts
 and you can bet on the tracks over the place.

So, then you've got the lottery, 4 obviously. And Massachusetts whether or not 5 selling tickets directly over the Internet like 6 many lotteries has been creeping ever closer to 7 this. So, you've got your VIP, your Red Carpet 8 9 VIP club, which gives you all sorts of second 10 chance sweepstakes and all sorts of other things. 11

And we see this, quite frankly, the 12 lottery is probably the second most aggressive 13 mover in the non-casino space. And again, 14 there's I think James said, a dozen states that 15 are in some way, shape or form selling, 16 17 subscribing VIP club online. There's some very 18 interesting things happening on the lottery 19 side.

20 Then of course you've got casino. 21 We look at here Satoshi Dice. Bitcoin has been 22 in the news lately, but Satoshi Dice, one of 23 the first bitcoin sites was the casino. And 24 there are now hundreds of Internet casinos that 1 take and you can bet in bitcoins.

I think sweepstakes got left out a 2 little bit. Anybody that's gone to the 3 Publishers Clearinghouse site and there's a lot 4 of folks like Publishers Clearinghouse, this is 5 an aggressive proto-gambling site. You would 6 not believe, if you go onto 7 Publishersclearinghouse.com and give them your 8 9 email address, when I was preparing this 10 presentation, I've now received over 20 emails from Publishers Clearinghouse in the past week 11 telling me desperately to go online. I'm going 12 to lose my chance if I don't go online right 13 now and click on their site right now to win my 14 \$7,000 today. It has to be today. You've got 15 to click today. You'll lose your chance 16 17 forever. It's unbelievable these guys. 18 So, it's a traditional sweepstakes, 19 but win \$7000 for life, bigger bucks millions. To me this looks a lot like, it may not be a 20 gambling site but it looks a lot like gambling 21 type activity. 22 23 And that brings us, of course, to

social. You have of course companies like

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Double Down and others that I think are doing a
 very good job of this. But there are a lot of
 competitors in the social space -- And I'll
 focus on this a little bit more. -- that are
 doing things like Bible Slots.

6 You're not going to find this in a 7 regulated market. Bible Slots is of course 8 gambling related activity. I think it's funny, 9 if you will. And we can't leave out fantasy 10 sports.

So, you've got social. You've got 11 fantasy sports. You've got social fantasy 12 sports and this real interesting combination of 13 daily social fantasy sports, which is explained 14 in a UI to carve out and some gray areas in the 15 law to create some daily fantasy leagues for 16 money and for lots of money. And I think 17 18 that's an emerging industry as well.

19 This is what's available today. We 20 don't even know what's going to be available 21 tomorrow given the innovation in this sector. 22 And obviously, we've got some concerns about 23 the downside.

24

I want to be very clear. We're not

saying that social gambling by definition is 1 bad. But we think the limited age and KYC 2 verification is an issue. You heard some great 3 stuff about what we're doing in the AML and KYC 4 side on the real money sites. But many of 5 these same operators are operating social sites 6 with little or no age or KYC verification. And 7 I'll get to that in a second. 8

9 We know also that especially among 10 the youth video and social gaming is correlated with gambling behavior. So, if you're likely 11 to do one, you're also likely to get into 12 another. Of course, early onset of gambling, 13 this is associated with problem gambling. 14 Some social gaming features are 15 associated with addiction. And we're 16 17 specifically looking at things like high rates 18 of play, both frequency and duration, some of 19 the opaque terms and conditions, the game

20 mechanics of this.

It seems, I think, fairly clear and we talked about this this morning, recreational gamblers may not converge. You may have folks that are just plain social and they stay on the

social side and that's fine. A couple of years 1 2 ago, that was the big question is whether or not you're going to be able to -- We're talking 3 about cross-platform. And I think some of that 4 happens, but not as much as we thought. 5 But problem gamblers may well 6 converge. They have much higher rates of 7 participation in gambling and gambling type 8 9 activity cross-platform. So, while your 10 recreational folks may stay in one channel or the other, the people that maybe perhaps your 11 heaviest customers may cross-platform. 12 If you look at the numbers of people 13 that are gambling on social casino sites, 14 that's about 200 million monthly average users, 15 just at the general population level, if 16 they're just average folks, that's about two to 17 18 three million monthly social gambling customers that are likely, just based on general 19 population average, to have gambling problems. 20 That's not even accounting for the 21 fact that if they're heavy into gambling they 22 23 may be more likely, as Mark said, they may be 24 more likely to have gambling problems. So,

some percentage of users are likely people that
 also have gambling addiction.

It's not a causal factor but it's 3 just some. If the general population, if those 4 numbers are true, it's a least a couple of 5 million people a month that are playing on 6 social sites that may also have problems. So, 7 there may be some opportunities to catch them. 8 9 And again, because this is 10 classified kind of legally and technically as not gambling, there's no regulation period in 11 most jurisdictions, which is I think an issue, 12 whether it's self-regulation or commission led 13 regulation. And it's moving and evolving so 14 quickly. 15

So, let's look at kind of what we 16 are. One of the things that concerns us --17 This on the left is what I get on my Facebook 18 19 page because I go to a lot of these sites. Warning, highly addictive. That's actually 20 seen as a positive thing. In the gaming world, 21 highly addictive in the gaming small G like 22 23 video game, highly addictive is a good thing. 24 But when you're doing a social

gambling site the term highly addictive to me
 is pejorative. In the gaming side of things
 that's a great thing. World of Warcraft is so
 addictive. Let's go on it.

5 So, either it's the terminology 6 that's odd. Obviously, you've got appeals for 7 guides. New slots game pays you six million 8 dollars given away during the tournament. But 9 this is what really concerns us a little bit, 10 which you wouldn't see in the regulated market, 11 the exhortation to play every day.

12 The more you play on this particular 13 site, the more chips you're going to get. And 14 if you stop playing days in a row bonus chips, 15 watch out if you miss a day you've got to start 16 over.

17 So, it's a real exhortation, a real 18 aggressive encouragement to play every single 19 day to always play every day or else you're 20 going to lose. You're going to get a lot more 21 if you keep playing every single day. Again, 22 that's something on the regulated side we don't 23 see very often.

24

You've got some other social factors

1 that are kind of interesting. The monetization 2 of this, I think, it's important to say as we 3 said earlier most people on the social side do 4 not monetize. You're looking at two percent or 5 so by and large.

6 But those who do, it's pretty 7 interesting. So, you see here you can buy one 8 trillion chips for \$4.99. A trillion chips, 9 how can you possibly lose a trillion chips? 10 Well, this site, the minimum bet is like a 11 billion. Most people are betting like 500 12 million. It's hilarious.

But then you get down here at the 13 bottom. There's 175 trillion chips for \$299, 14 \$499. Of course, at the bottom here what are 15 you taking, credit. Again, you can spend a lot 16 17 of money on a free to play game. And I won't go into the difference between the freemium 18 19 model and free to play except to say that you don't have to buy chips in most of these sites. 20 But when you run out that's when you start to 21 buy them. 22

So, here we look at another dailybonus screen where there's some pro-social

things, inviting your friends. But you're looking at again bonus every day, you've got to play every day to get your full bonus. Play more and you'll get more. Bonus for successful games, the more you win the bigger your bonus is.

There's some really interesting --7 And this is just a fraction of what's out 8 9 there. I quess it's just to say that there's 10 some very interesting stuff, aggressive stock. Again, we're not as concerned on the 11 social side about stuff like Farmville. I 12 don't care how many silos you buy. There may 13 be some people that have problems with that. 14 There may be people with impulse control 15 disorders. It's not a gambling addiction. 16 17 This is gambling. It may legally 18 not be gambling, but it's gambling like. It's poker, blackjack, craps. We saw James say, 19 these are the slot titles you have in your 20 casino, they just happen to be online. And 21 because it's on Facebook and because you can 22 23 start to play for free, it's somehow treated --

24 it's not somehow, it is treated very
1 differently under law and regulation.

2 What we see today, and this is from 3 some IPOs is that free tends to be more 4 lucrative than pay, which is pretty 5 interesting. But if you think about the 6 psychology of gambling especially the 7 psychology of addiction that makes a lot of 8 sense.

9 So, you can't really see this, but 10 what I'll tell you is that the green bar is King which is the maker of Candy Crush. And 11 when you drill into their IPO, as our friends 12 at Gambling Compliance did, thank you guys, 13 what you'll find is that their conversion rates 14 are up here at about four percent. In other 15 words, four percent of their players start to 16 17 play to get some weird bonus on Candy Crush versus about one half percent for Caesars. 18 19 However, when you look at the average revenue per user, the monthly revenue 20 average per user, it's obviously the gambling, 21

22 the social casino sites are doing much better 23 than Candy Crush.

24 But what it turns out to is that

Caesars is grossing twice the amount of money 1 2 from their free players as they are from their real money players. If you go to 3 Worldseriesofpoker.com you play on the average 4 twice as less as you play on their free sites, 5 which I just think is fascinating. 6 And you've got whales in the social 7 gaming space. This comes from the industry 8 9 trade. One guy, I don't know if he was

10 boasting or bragging or just making a joke, but 11 we had one player that spent over \$13,000 over 12 three months on one of our free play sites.

And this is where unfortunately when 13 you get to social gaming because it's not seen 14 as gambling what you have are some interesting 15 things like this. These services are intended 16 for 21 years of age. Great, we love it. 17 But 18 without diminishing the foregoing, you've got to be 13. And if you're under the age of 18, 19 you declare that you've got the consent of a 20 guardian. That's checking the box, I have 21 quardian consent. And just to reiterate, 22 23 really the minimum age here is 13 years old. 24 And if you're not doing good KYC, if

you're relying on Facebook to verify your age, 1 that's probably fair, because that's really all 2 you're going to get. Facebook's not doing good 3 KYC. So, you wind up having to rely on that 4 platform to verify your age. This is from the 5 6 Delaware Lottery. It's a state regulated site that was set up before their live Internet, 7 real money site went up to familiarize players 8 9 with the games that are going to be offered. 10 So, that was the purpose of setting up this site to make sure that people knew. 11 And they went into is saying that really 12 anybody 13 and up can become familiar with 13 ours. And we want to transfer them into the 14 real money side. 15

I've asked Delaware, how many people 16 17 under 21 signed up in this site? And why would 18 you set up a legalized regulated site that's intended to be 21, but really it's 13 plus? To 19 me that seems like there's some issues there, 20 again, knowing everything we know about youth 21 gambling access. And I haven't heard back from 22 23 them yet.

24

So, what we hear a lot there is that

regulation -- This is not gambling. And if you 1 try to regulate, it's going to kill the 2 industry. I think regulations actually worked 3 pretty well, especially in gambling. We've 4 known that the gambling has always had to meet 5 a higher historical bar. And I think \$119 6 billion in revenues last year, I think that's a 7 fairly successful industry that's heavily 8 9 regulated.

10 So, I understand that there's a 11 concern about regulation and overregulation. 12 And we encourage voluntary self-regulation. 13 But in the absence of that, it's important to 14 have from the commission perspective a thought 15 about how maybe to look at social.

We all know obviously, another big 16 17 argument for this is well you can't win money, which is true. But for addicts, it's not about 18 19 the money. People don't develop a gambling problem because they're interest in just 20 winning money. They develop a gambling problem 21 because they're preoccupied. They're obsessed. 22 23 It's the action that they seek.

24 Right now they say well, we're not

required to do the same regulations we would on
 a real money site. So, we're not going to do
 it until you can prove there is a problem. And
 it's sort of saying we're going to be
 responsible when you make us be responsible.

Let's be positive. Let's get out of 6 the gate and say we're going to in an abundance 7 of caution, we're going to adopt some of this 8 9 stuff, because we know that there's lots of 10 good reasons to do responsible gaming because it's good customer service. Because it builds 11 good support. Because it mitigates individual 12 harms and ensures sustainability. 13

If you don't want to be regulated a 14 good argument would be do it yourself ahead of 15 time. So, as Mark said, we tried to get a 16 little bit ahead of the curve. We launched our 17 Internet standards in 2012, our social consumer 18 protection in 2013. And what I'll talk about 19 real briefly is our review of the New Jersey 20 regulations. 21

We took best practice from around the world where there's in some cases we've got a decade's worth of experience. So, we went to

the very good jurisdictions, took their 1 standards, distilled them down. And frankly 2 reduced them a little bit for the United States 3 market. They're mainly in eight areas. 4 They track extremely well with Massachusetts 5 responsible gaming framework because it's based 6 on a public health and informed player choice 7 model. 8

9 And we've consulted with all three 10 of these jurisdictions. We've encouraged them 11 to adopt the standards. And what you're 12 looking at is in some cases a little bit more 13 than between half to two-thirds the regulations 14 were put into place in each of these 15 jurisdictions.

16 It's fascinating. Everybody did it 17 a little bit differently. Some folks did real 18 heavily on self-exclusion others did research 19 but not this. So, like I said, I won't go into 20 it in detail. These are all publicly available 21 on our website.

22 We encourage that. This is a great 23 framework. If you want to get into the 24 Internet gambling business, sort of on the

responsible gambling side, we're telling you 1 here's what you need to do. And if you're 2 already offering a jurisdiction 3 internationally, you're already doing it. 4 5 Because if you're offering it in a well-regulated place, you already meet every 6 one of these standards. It's of course we 7 believe unfortunate that the three commissions 8 9 that have gone on the casino side so far have 10 not adopted these fully, but we'll keep 11 working. On the social gaming side, 12 (INAUDIBLE). It applies again to gambling like 13 monetize games. I'm going to stay out of 14 Farmville. I don't want to know about your 15 COWS. We believe there needs to be responsible 16 17 gaming or call it consumer protection if you will if it's not legally gambling. We'll call 18 it consumer protection. That's fine. 19 Age controls, again, if you're going 20 to say these games are intended to be 21, but 21 I'm going to allow you to play at 13, I don't 22 23 think that's acceptable. I don't think that's accurate when it's a gambling like game. 24 Ιf

you want to play Candy Crush at 13, go ahead,
 feel free. That's all right. If you're
 monetizing and you're monetizing aggressively
 at hundreds of dollars a transaction, and you
 can't tell me if you're 16 or not that's a
 problem.

7 Data driven research, as Mark said, 8 there's a lot we know and there's lot more we 9 want to know. The analytics on this are 10 incredible. And it can really lead us into 11 great places.

Then player education, let's give 12 people some understanding of the odds and 13 randomness. And I think there are very pro-14 social ways to do this. If you're giving 15 people free coins, why not give them free coins 16 to fill out a little risk quiz or watch a 30-17 second video on responsible gaming. Or 20,000 18 19 free coins if you set your limits.

20 You don't have to set a limit, but 21 there are some very pro-social ways with social 22 gaming to use what's great and rich unique 23 about that to also deliver a responsible gaming 24 experience.

We're not seeing a lot of that, but
 we're optimistic that operators will embrace
 some of these steps.

Just to wrap up, I think for the Commission, one of the things you think about in this space is we're kind of trying to wrap our arms around what's here and now, and that's changing tomorrow.

9 We have to think outside the box. 10 It obliterates all of these traditional distinctions we make in law, in practice, in 11 regulation between what's bingo and what is 12 Keno and what is racing. You're seeing some 13 amazing hybrids. You're seeing a lot of 14 aggressive stuff. Daily fantasy sports is 15 technically not gambling related, but people 16 use it much like it is. 17

Every aspect of the game can be manipulated. I won't talk about reflexive odds and algorithms very much except to say that on many social sites, you don't play the game. The game plays you. So, you can't calculate odds, because it really doesn't have odds. The game itself will say if you've lost a lot, then

we'll sort of change the algorithms so that you
 win more, because we want you to stay on this
 device as long as possible. Or come back and
 play as many times per day as possible.

5 Again, it may look like a gambling 6 game, but it plays absolutely not like one at 7 all. And there's not always a lot of 8 transparency in either the game mechanic itself 9 or when you're transferring between a game that 10 is random and a game that is not.

11 It evolves on a daily basis. We see 12 sites that are doing alpha beta testing where 13 the site is changing within the hour or within 14 the day based on who's monetizing the most. 15 What was there tomorrow may not be there today 16 literally.

And but I think as Mark said, 17 18 there's a lot we can do on the Internet. We are very pro-responsible gaming on the 19 Internet. I think there's some fantastic 20 things we can do. 21 On the Internet side, we've got that 22 23 down. I think we know very well what you can

24 do and it's contained in our standards to

minimize risk for Internet gambling. You'll 1 never eliminate it, but I think you can 2 minimize it. So that's known. That's done. 3 Social, we don't know as much. And 4 I'm very sensitive to the need that we don't 5 want to smash an industry that there may not be 6 massive problems. But I think there's a lot of 7 concerns and risk there that we do need to 8 9 address. That's where I think it can be both 10 more risky and more responsible and it's how we all address it. But it's especially I think 11 relevant for the Commission. 12 That'll wrap up and I'd be happy to 13 answer any questions. Thank you. 14 MR. DAY: Thank you, Sir. We'll 15 have to hold questions a little bit if we can 16 17 because we are way over our time limit here. 18 If we can hold them and get them right at the end if we've got time, I'd appreciate it. 19 I'd like to make sure we've got 20 sufficient time for Lindsay Kinnimonth. 21 Lindsay is operations manager for GeoComply, a 22 23 geolocation technology solution provider to the 24 regulated gambling online industry. Since

launching in 2011, GeoComply has quickly become
 the industry's trusted solution for reliable,
 accurate and precise geolocation services.

Prior to GeoComply, Lindsay spent 4 five years in business product development at 5 GLI in the gaming compliance testing company 6 serving both iGaming and land-based marketing. 7 During that time, she worked with some of the 8 9 largest operators and vendors in North America 10 as well as regulators across Europe and North America itself. 11

12 Lindsay we appreciate you taking the 13 time to talk to us about geolocation location 14 technology. And it's all yours.

15 MS. KINNIMONTH: Thanks a lot Rick. 16 And thank you very much to the Commission for 17 inviting me. I'll be telling you everything 18 you need to know about geolocation in about 15 19 minutes. Is it not working?

20 MR. DAY: Mr. Chairman, you had a 21 question while we're doing our technology here. 22 Maybe we can get that into Keith.

23 CHAIRMAN CROSBY: I was interested,24 Keith, you talked about social gaming and at

first I thought you were operating with the 1 same definition that we had earlier, which was 2 without any investment for a potential gambling 3 Then your models had racing and had 4 return. fantasy football and so forth. I'm not sure 5 what you were-- What definition of social 6 gaming were you using in that presentation? 7 MR. WHYTE: I think that's exactly 8 9 the point is that social gaming is what you 10 think it is. No one knows. We would say it's any game that you play on a social network that 11 doesn't have at least initially one of the 12 three legal elements. So, it doesn't have 13 either prize, chance or consideration. 14 So, many of these games you don't 15 start out with those three -- One of the 16 17 elements is missing, let's say traditionally 18 it's for a prize. You can only win virtual 19 coins or you don't have to pay to play. But then once you get within the game, you actually 20 I would argue start meeting a lot of these 21 criteria. You're paying to play within the 22 23 game.

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So, even though it's free to start,

you're paying to play. But there's virtual 1 2 social fantasy racing. It's just this amazingly evolving industry. So, it's very 3 hard to put your hands around what actually is 4 5 social. I guess another way to say it is anything that would be on a social network 6 that's not regulated as gambling but uses 7 gambling mechanics. 8

9 That's where we see a lot of, frankly, concerns. There's lots of different 10 ways to deliver gambling, taking out one of 11 these elements using technology and social 12 networks. But it still looks and feels an 13 plays in many ways like gambling and may have 14 some negative impacts. If that answers your 15 question. It's a hard thing to get your hands 16 around. It's a very hard thing. 17 CHAIRMAN CROSBY: Thanks. 18 19 MR. DAY: I appreciate it. And are we ready Lindsay? Keith and Mark, a special 20 appreciation. This is Problem Gambling 21 Awareness month. So, we should acknowledge 22 23 that.

24 MR. WHYTE: Actually, today is

National Problem Gambling screening day that 1 Harvard Medical School is doing. So, we're 2 uniting healthcare providers across the country 3 to screen their clients at least on this day. 4 People that are coming in for alcohol problems, 5 even physical health problems, say have you 6 gambled in the past year? If so, start to ask 7 them a few questions. And we're getting some 8 9 really interesting results.

10 CHAIRMAN CROSBY: Do you have any 11 idea what level of participation you've got on 12 that?

Talking to Harvard last 13 MR. WHYTE: time we had over 40 organizations across the 14 nation. And we don't know yet the catchment 15 area is, but it's probably in the thousands 16 17 already. Based on these 40 organizations, they'll see thousands of clients within this 18 19 day or at least within the week that will receive a basic gambling screening. 20 And we're trying to see how far we 21 can work back and get the results of that. 22 23 It's just been a wonderful effort.

24 MR. DAY: Great, thank you. I think

we're ready. Lindsay go right ahead. We're
 just going right next door for lunch.

MS. KINNIMONTH: Hopefully guys can 3 hold up a little bit longer on the hunger. 4 So, as a lot of people mentioned this morning 5 geolocation seems to have become a very crucial 6 part to making online gaming happen, especially 7 in the US where you pretty much need to stay 8 9 within the walls of the state. And I think the 10 technology that's available right now quite recently is really remarkable in how to make 11 that happen. 12

Adding the Internet really adds a 13 whole bunch of new challenges when you're 14 trying to define a jurisdiction. You have an 15 16 activity that traditionally people play in 17 person, trying to find them when they're at 18 home playing really brings about questions like 19 where exactly are they? How are you go to block them if you need to? 20 Is it legal for them to access this 21

22 kind of a site? Or what kind of device are
23 they using? How are they accessing the gaming
24 site? What tools can you use to control that

1 activity?

2 As regulated iGaming continues to grow across the US, these are all going to be 3 really important questions for the stakeholders 4 involved. Talking about federal legislation, 5 UIGEA pretty much says that you need to have --6 be within the walls of the state in order for 7 Internet gaming to occur. You also have to 8 9 have enabling legislation for such actions. 10 And you also have to have the proper location verification tools in place to ensure that the 11 player is where they say they are within the 12 state itself. 13

14 Various states have also enacted 15 legislation about geolocation, namely New 16 Jersey, Nevada and Delaware. I also mention 17 Utah here because they explicitly ban Internet 18 gaming.

19 Why is that relevant to the state of 20 Massachusetts? If there is an online gaming 21 site here that accepts a bet from someone in 22 Utah, there's obviously various criminal or 23 civil implications involved across state lines 24 and on the federal level as well.

But really what all of the state legislation has in common is that it talks about geolocation in very broad terms using reasonably designed or reasonable certainty or the ability to reasonably detect where a player is.

It's quite vague and is really up to 7 the directives of that specific state to 8 9 determine how geolocation tools are going to be 10 mandated. And it can often get quite specific depending on how the user is accessing the 11 site, what kind of a device they're using, how 12 they're accessing the Internet varies greatly. 13 But really the main goal is to 14 create a first line of defense to ensure that 15 someone out of state is not getting in where 16

17 they're not supposed to. And the implications 18 of allowing them of course in range anywhere 19 from fines to shutting down a site to perhaps 20 jeopardizing a land-based license for a casino 21 operator, which has massive implications for 22 them. So, a very small slip up and can really 23 cause widespread peril.

24

So, how exactly does geolocation

work? Geolocation is really any technology
 that you may use to locate a player online.
 When we're talking about online gaming, we use
 a bunch of different location data pieces to
 find out where you may be.

There are a number of methods at 6 your disposal. And really depending on how the 7 player is accessing the gaming product and what 8 9 device they're using, you may want to use a 10 full gamut of these types of location data sources, IP addresses, Wi-Fi, GPS. There's 11 various methods of cell tower geolocation. 12 And I think what we've learned in places like New 13 Jersey is that you're going to need the ability 14 to draw on all of these types of sources to be 15 able to locate your players effectively. 16

17 And it might depend whether they're 18 on their cell phone or whether they're on their 19 laptop. Having a full range of these types of tools at your disposal is going to ensure the 20 most success for finding your players and 21 making sure that you aren't excluding ones that 22 23 might even be eligible and for some reason 24 can't get on.

But depending on what source you 1 draw upon, you can find out information not 2 only about the state or city that they're in, 3 but even maybe the name of the street and the 4 5 latitude and the longitude of their location. And the idea being that more of 6 these sources you have, the better it will be 7 to achieve this reasonable certainty that the 8 9 legislation often talks about. 10 Relying on one source alone, if that single source is being spoofed, if it's a fake 11 location, it doesn't carry much weight at all 12 if you can't trust it. 13 What exactly does geolocation look 14 15 like? This is a little video showing you --We'll zoom in closely on New Jersey. -- of 16 geolocations pathing in New Jersey. You'll see 17 a couple of red flags, people that can't get on 18 19 that are out of state. But live gaming is happening in the US right now in a few 20 jurisdictions and geolocation tools are making 21 22 that happen. 23 If you look at New Jersey you can 24 see the state line along the Hudson River is

really pinpointing where that fine line is
 between the state and ensuring that people can
 play right up to the border but not across it.

4 Just to talk a little bit about New 5 Jersey more specifically what's happening there 6 right now is I think quite remarkable. There's 7 more than five and a half million geolocations 8 happening per month.

9 Most of that play is happening 10 within a very small distance from the border. 11 So, the advanced technology that's available 12 even just the last one to two years has enabled 13 play right up to that border in very densely 14 populated areas.

And I think New Jersey is quite 15 relevant to the state of Massachusetts because 16 17 it's also a very small state. You have more 18 than six and a half million people. There's 19 bound to be a lot of potential players near the border. And you need to be able to accurately 20 pinpoint which side of the border that they're 21 22 on.

Talking about New Jersey, most ofthe population is coming from the greater New

York area and the Philly area. And when we
 look more closely on what's happening on the
 map, you can see there's people playing up to a
 block from the Hudson River. So, you have the
 ability to block other people that are just
 over the line, but make sure that those close
 to it are still able to play.

Talking about Massachusetts, this is 8 9 what you envision as a play zone. So 10 technically, if you were on a boat and you were still within the waters of the state, you would 11 have the ability to geofence playing activity 12 within an area like this. And then if there 13 were specific requirements to block off certain 14 areas like schools or government buildings, 15 libraries, tribal reservations, you would also 16 17 have the ability to do that.

18 Talking about spoofing or faking 19 your location, pretending you are somewhere 20 where you're not. Like I said, if your 21 information that you gather on a player's 22 location is not trusted, it's pretty much 23 worthless. You need to ensure that there are 24 layers of checks to make sure that no one is

spoofing their location. That the data that
 you have on them is where they actually are.

And right now, if you go to YouTube, you can watch all kinds of two-minute videos on how easy it is to make it look like you're somewhere else.

7 You can spoof your IP address very, 8 very easily. Mark mentioned a study that the 9 Iowa Racing Gaming Commission did in 2011. One 10 of the things that they determined in that 11 study was that IPs can be spoofed so easily, 12 some other means of technology has to be in 13 place to ensure that doesn't happen.

You can go to a free proxy site, pick from a drop down menu where you want to be in the world. And within a second, you're already somewhere else. So, unless you're checking to make sure that players aren't using a service like that, you are going to have a lot of problems.

Also, using a VPN to connect remotely to another location, it's something people do all of the time to login to their work network remotely. It also gives you the

ability to make it look like you are somewhere 1 2 you're not and remote into the state of Massachusetts if you're on a work trip back in 3 New York or anywhere else in the world. You 4 have to have the ability to check to see if the 5 player is using those types of programs and 6 assess the risk of whether or not that is going 7 to compromise an operator. 8

9 Remote desktop software, similarly 10 pretty much gives you the ability to remotely control a computer. You might have used 11 GoToMyPC or GoToMeeting for a webinar. 12 TeamViewer, LogMeIn, these are all very common 13 programs. If they are running on a player's 14 device, there is a very large risk that they 15 could in fact be in another state. You need to 16 17 be checking for these along with making sure 18 that the location that you have on the player 19 is consistent with what you need to accept. If you're on a mobile device, there 20

are also further risks like mobile apps that you can use for GPS spoofing. If you have a phone that's been jail broken or hacked, you can upload programs that might not be allowed

1 in the App Store that are legal and accepted.

And unless you're looking for those 2 specific spoofing applications, someone could 3 easily be using them and you would be 4 unknowingly be accepting an illegal app. It's 5 really important to be scanning in a whole 6 bunch of places the activity of the player and 7 the programs that they are running at the time 8 9 that the bet is taking place.

10 So, really, I think I need to say that you should expect to require some kind of 11 advance geolocation technology. It's going to 12 be needed to make sure that you are federally 13 compliant, that you're compliant with state 14 regulations whatever does end up happening here 15 in Massachusetts. That you're looking at 16 multiple sources of location data to cross-17 reference that information and make sure that 18 19 it's indeed trusted and hasn't been spoofed. That you're layering on spoofing checks to make 20 sure that the information you have on where 21 that player is really is where they say they 22 23 are.

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And supporting geolocation methods

across all devices. The way that you need to 1 find a player is very different on a desktop 2 computer as opposed to an Android phone. And 3 you have to have technology that's been 4 5 specifically designed to collect the location data on each of those devices. 6 So, the way that the player accesses 7 the game, even kind of what game they're 8 9 playing, the Internet connection that they're 10 using and what type of access to cell towers or Wi-Fi or any kind of location services how 11 those all impact how you can find them and how 12 successful you can find them. 13 Thank you very much. I'm not sure 14 if anyone has any questions on that. 15

MR. DAY: Lindsay, you mentioned the location services. How do they work together? There's not one method of verification but there's several methods that are used to reduce the risk and make sure somebody is where they are. Can you talk a little bit about those actually work together?

MS. KINNIMONTH: Yes. In somewherelike New Jersey, they look at the different

kinds of location data are available, and
 decide which ones are highly accurate like GPS
 or Wi-Fi and able to pinpoint your location
 within a very small margin of error.

Then something that's used more 5 traditionally like an IP address that would 6 help identify what language to display or 7 website to a player say if you were in Europe 8 9 for instance, is a good guideline for that secondary check, but isn't going to provide you 10 the accurate information you need as a primary 11 determinant of where that player is. 12

13 So, it really depends what device 14 you're on and how you're playing. And if 15 you're on a mobile device, you have tools like 16 GPS available to you. Whereas if you have a 17 player playing poker on their laptop at home, 18 you won't necessarily have the ability to find 19 them by something like GPS.

20 MR. DAY: Questions, Mr. Chairman. 21 CHAIRMAN CROSBY: You didn't exactly 22 say this, but I guess it's implicit that a 23 company like yours has the technology to defeat 24 all of those spoofing and fraud strategies or the lion's share of them. I assume that's what
 you think, right?

MS. KINNIMONTH: No. I think it's 3 safe to say that there's no system that's 100 4 percent unspoofable, just like someday someone 5 is going back into a bank system, someone's 6 going to hack into an FBI database, if you have 7 the time and money and resources to make it 8 9 happen. We'll never tell you that it's 10 impossible.

But going back to what federal 11 regulations require saying reasonable 12 certainty, reasonably designed. If you had to 13 be defendant in court, I know I definitely 14 would want to say here are all of the ways we 15 checked the player's location. Here are all of 16 17 the different spoofing checks we did to go to 18 reasonable lengths to make sure they were where 19 they said they were.

If the player is moving beyond that at that point it's more of a malicious player that is looking -- set out to thwart the system and defraud the system as opposed to your average player. CHAIRMAN CROSBY: How do you know
 how many you're not getting?

MS. KINNIMONTH: That's a good 3 question. You'd have to ask Eric from the DGE 4 if he has any players that are calling him 5 saying, hey, I'm in Massachusetts and I've been 6 playing on your site. It's really hard to 7 know. We're not aware of any specific players 8 9 in New Jersey that are accessing websites there 10 from out-of-state. But we also understand that no system is foolproof. 11

But the main challenge we are 12 finding day to day is based on how robust and 13 conservative the regulations are in somewhere 14 like New Jersey, you obviously put a lot of 15 roadblocks in front of players. And they 16 17 really have to be an eager player to overcome those along with the payment methods that they 18 19 need to deal with, the checks that they've never done before, KYC. Those are all hurdles 20 that they have to overcome. 21

And there is definitely a small percentage of players that want to play that are in New Jersey and because of one reason or

another, what program they have running on their computer, they're being blocked when they should in fact be allowed in. So, minimizing that percentage of players as false negatives is a challenge that operators would have to deal with on a regular basis.

7 COMMISSIONER MCHUGH: You talked 8 about the system, the geolocation system has to 9 be able to recognize all kinds of different 10 devices, the Android device, the different 11 platforms. Is the default that if you can't 12 recognize the device you can't get in? Or can 13 somebody with an unrecognizable device --

MS. KINNIMONTH: You'll always able to see the device or what the operating system is. The challenge will be making sure all of the right signals are available. So, do they have Wi-Fi turned on? Is GPS available or are they on an old desktop? Desktops aren't going to have GPS.

Gathering enough sources of location information is usually the main challenge as opposed to trying to figure out what device they're on specifically. Each device has its

own device information that you can use even
 for payments or responsible gaming.

So, the same way that you may block 3 a player from out of state, you can also block 4 5 based on their IP address or the fingerprint that we take of their specific device. So, 6 there's a lot of crossover. The geolocation 7 tools that may not be designed for that 8 9 specifically, but the information that's 10 gathered when you locate a player is useful for a number of other verification checks. 11 COMMISSIONER MCHUGH: Reframe 12 slightly, my question I should have said if you 13 don't know where the player is is the player 14 15 excluded? MS. KINNIMONTH: Yes. 16 If you can't 17 accurately pinpoint them where you need them to be then they can't get on. And it would be up 18 19 to the regulator to define what is that threshold for pass and fail. And also up to 20 the operator to determine what level of risk 21 they're willing to take on before they say pass 22 23 or fail.

24

COMMISSIONER MCHUGH: Thank you.

CHAIRMAN CROSBY: Just one more, I 1 know nothing about this. But there must be 2 some kind of a system where you could feed back 3 to the person who wants to play something that 4 was your system for identifying where they 5 were. And they couldn't play unless they used 6 that software or that mechanism. 7 MS. KINNIMONTH: Geolocation is 8 9 usually embedded in the gaming software itself. 10 So, it's automatically triggered in the background. If you were trying to feed into 11 that through a remote connection, some sort of 12 a program that allows you to remotely access or 13 remotely control that computer, someone like 14 GeoComply would be searching for that activity 15 and detect it right away. 16 17 But no one is going to stop a guy 18 from calling his friend in New Jersey and say, 19 hey, login to my account. Here's my password and use my credit card to deposit this money. 20 That's technically you still have the person 21

22 that's taking the action of the bet itself
23 still where they need to be. Does that answer
24 your question?

1

CHAIRMAN CROSBY: Yes.

MR. DAY: Lindsay, before somebody 2 is blocked, there's a series of tests basically 3 they would have to go through before they would 4 5 actually be blocked, isn't there? MS. KINNIMONTH: Yes. It all 6 happens in the matter of a second or two. But 7 a bunch of location data is collected. Than 8 9 that data is run through checks for spoofing 10 activity. And then it's filtered against the rules that would have been set out by the 11 regulator of the jurisdiction to determine what 12 constitutes a pass or a failed. 13 So, was the information accurate 14 15 enough? Were they within the state like they were supposed to be? Did they have the right 16 data sources around? That would all constitute 17 a pass or a fail. And it's completely 18 19 configurable. MR. DAY: Thank you. Any other 20 questions? Thank you, panelists. We 21 appreciate the time and the discussion. 22 23 It just so happens after lunch our 24 topic is going to be, we've got a

representative from Nevada, Delaware, Ontario 1 and New Jersey to talk with us about some of 2 things we just were. Come back. 3 CHAIRMAN CROSBY: What time? 4 MR. DAY: About 1:30. 5 6 (A recess was taken) 7 8 9 MR. DAY: Just to warm us up a 10 little bit, I just wanted to kind of just comment on as I was listening to these 11 presentations. For a long time I thought I was 12 fairly current about Internet gaming but as I 13 listen to our speakers, it is clear nothing 14 about Internet gaming stops and waits for you 15 to catch up here. This is definitely a rapidly 16 17 changing environment in the industry. 18 Our next topic we're asking our 19 panel to talk about what's going on with Internet gambling in their jurisdiction. 20 We hope to hear about what is planned, went well 21 and any areas of challenge. What I'd like to 22 23 do is I'm just going to introduce our full 24 panel, and we'll go from there.

Starting on the backend down here or 1 the far side Eric Weiss. Eric is the Chief of 2 Technical Services Bureau and Slot Laboratory 3 for the New Jersey Division of Gaming 4 Enforcement. Eric Weiss has been with the 5 Division since 1991 and has held positions in 6 the Administration, Investigative and Executive 7 Bureaus. 8

9 He briefly served as Assistant to 10 the Chief Investigations before being asked to oversee the slot laboratory in November 2007. 11 Since taking control of the Technical Services 12 Bureau, Mr. Weiss has been recognized for his 13 efforts to improve the oversight and regulation 14 of casino systems and games. This past year, 15 he played a key role in the introduction of 16 17 Internet gaming in his state of New Jersey.

18 Mr. Weiss was responsible for 19 researching Internet gaming policy evaluating 20 Internet gaming systems and establishing and 21 overseeing the approval and successful 22 deployment of seven Internet gaming platforms. 23 He is also responsible for establishing 24 monitoring tools and procedures designed to

ensure the ongoing integrity of Internet gaming 1 2 systems in New Jersey. We know as we were going through our discussion, Eric was already 3 being called on. So, we expect great things as 4 5 we move forward. MR. WEISS: No pressure. 6 MR. DAY: Next to Eric is George 7 Sweny. George is the Senior Vice President for 8 9 Charitable and iGaming Ontario Lottery and 10 Gaming Commission. George, we welcome you. We're glad you took the time to come south of 11 the border. 12 MR. SWENY: Good to be here. 13 MR. DAY: George Sweny began his 14 career at the Ontario Lottery Corporate in 1975 15 and has served in a number of capacities 16 17 including Senior Vice President responsible for 18 both lottery and bingo business units during 19 this time. Mr. Sweny was Senior Vice President 20 responsible for -- I already said that. Mr. 21 Sweny was also President of Interprovincial 22 23 Lotteries Corporation from July 2005, 2006 and 24 served as a member of the ILC's executive team
which governs the national lottery games across
 Canada.

Prior to joining OLG, Mr. Sweny 3 worked as the Chief Strategy Officer for the 4 Alcohol Gaming Commission of Ontario. In this 5 role, he was accountable for formulating and 6 driving and implementing the AGCO's strategy 7 consistent with the Division's overall 8 9 organizational alignment. His role also 10 included accountability for the audit and gaming compliance function within the 11 Commission. 12

13 Mr. Sweny is a member of the Board 14 of Directors for the Responsible Gaming Council 15 for Canada and has served on the Board of 16 Directors of the North American State 17 Provincial Lotteries Association.

18 Next to George is Rebecca Goldsmith. 19 Rebecca is the Deputy Director for the Delaware 20 state lottery. We'll definitely enjoy hearing 21 from you, Rebecca. And we encourage your 22 participation here.

23 Rebecca Goldsmith joined the24 Delaware Lottery in mid-2012 as Assistant

Director of Operations and Administration. 1 And as I understand is the brains behind Delaware's 2 conversion to Internet gambling. Prior to 3 coming to Lottery, Ms. Goldsmith had a 12-year 4 career with the Delaware Department of Finance, 5 serving first as a Senior Economic Analyst and 6 then as Assistant Director of Unclaimed 7 Property. 8

9 Rebecca's responsibilities during 10 those years included a broad range of duties included a broad range of duties ranging from 11 complex legislative research related to tax 12 policy matters to internal reorganization of 13 the state's unclaimed property compliance unit. 14 Most recently she is credited with 15 her work for the Delaware Lottery and leading 16 the implementation of the state's first in the 17 nation full scale online casino offering 18 19 including poker, table games and video lottery. Rebecca earned her master's degree in economics 20 at Colorado State University. 21 And closest to me is Jim Barbee. 22 23 Jim, thanks again for hosting our CIO and our

operation. We appreciate all of the assistance

24

1 that you've given us.

2	Jim Barbee is the Chief Technology
3	Division for the Nevada Gaming Control Board.
4	Jim Barbee joined the Gaming Control Board in
5	2000 and was appointed to his present position
6	as Chief of NGCB's Technology Division in 2011.
7	As Chief of Technology Division, Mr.
8	Barbee's responsibilities included oversight
9	and review and approval for all gaming related
10	technology used in Nevada and advising the
11	members of the Gaming Control Board and
12	Commission on matters related to technology and
13	gaming.
14	Mr. Barbee received his BS in
15	computer engineering from UNLV in 1999.
16	Again, welcome to all of you to
17	Massachusetts. And the way we're going to try
18	to do this is I'd like to give an opportunity
19	for each of you to spend a few minutes
20	introducing your agency and summarizing where
21	you are in each of your jurisdictions.
22	And to do that, I'd like George to
23	start off for us. Thanks, George.
24	MR. SWENY: Thank you very much,

Rick, for the kind introduction. And thank you
 very much to the Commission for the invitation
 to speak here today.

I know I've been given about 10 4 minutes to speak today and I'm going to try and 5 stick to that. Ten minutes is about the time 6 it took my beloved Toronto Maple Leafs to choke 7 away a three-goal lead in game seven of the NHL 8 9 playoffs to your hometown Boston Bruins last 10 year. So, as another visitor to this fine city in the Commonwealth, I hope to use my 10 11 minutes a little bit more productively than the 12 Leafs did and hopefully you will be just as 13 pleased with the outcome. 14

So, Rick did cover my introduction, 15 I'll just basically tell you I've been involved 16 17 in the business of government run gambling for 18 about 30 years now. I've worked in Ontario. I've worked in British Columbia. I've worked 19 in the public sector, the private sectors. 20 I've worked in regulation oversight, covered 21 gaming, slots, casino and charitable gaming and 22 23 now the wonderful world of Internet gaming. 24 We're in the midst of rolling out a

whole new suite of electronic games in Ontario
 to the bingo centers across the province. And
 we are getting very close to launching a very
 safe, secure and responsible Internet gaming
 platform under the banner PlayOLG.ca.

6 And I thought before I got into the 7 detail about the Internet, I'd give you a 8 little bit of context about the Ontario Lottery 9 and Gaming Corporation and really the Canadian 10 landscape, because obviously I think you need 11 the context to understand why we are where we 12 are.

So, provincial legislation 13 specifically the Ontario Lottery and Gaming 14 Corporation Act, dictates what OLG really 15 exists for. And that's to do four things. 16 In 17 essence, our purpose is to stimulate economic development, to generate revenue for the 18 19 government of Ontario, to advance a very dynamic responsible gambling agenda, which I 20 will talk about. And to make sure that all of 21 those things are done in the best interest of 22 23 the province and the people of the province. 24 I think I can proudly say that OLG

is very good at doing all of those things. And
 we really try hard to live up to our
 legislative mandate.

We launched our lottery business in the mid-70s. It was all launched based on community support. And casino gaming arrived in Ontario in 1994 with the opening of our first facility right across the river from Detroit in Windsor, Ontario.

10 So, today OLG is one of the largest gambling companies in North America. Our 11 lottery terminal network span about 10,000 12 points-of-sale. And through that network, we 13 process more secure transactions than both Visa 14 and MasterCard combined. We've got 24 gambling 15 sites either racinos or casinos in the 16 province. And the largest number of our 17,000 17 18 employees work at those sites.

So, the two longest standing
businesses. lottery and gaming, drive about \$7
billion in revenue to the province of Ontario
and \$2 billion of that is profit. As I
mentioned earlier, we've got about 60 bingo
centers in a unique partnership with the

charity community in the province. We've got
 20 of those now up and running with new
 electronic games. And we'll be rolling out
 across the rest of them over the next 18
 months. And we're moving very, very quickly to
 the launch of PlayOLG.ca.

7 Our annual profit is returned in its 8 entirety to the provincial government. And 9 it's used to support healthcare, hospitals, 10 community infrastructure, charities, not-for-11 profits and amateur athletics. All told OLG 12 spurs about \$3.7 billion of annual economic 13 activity in the province of Ontario.

So, things like hosting fees to our 14 casino communities, our employee payroll, 15 payments to a host of stakeholders including 16 17 first nations. And OLG regularly receives very 18 strong international recognition and rewards 19 for its RG programming. We spend about \$50 million a year on research, prevention and 20 treatment in terms of problem gambling. 21 One of the key objectives of our 22

24 is to conduct and manage lottery schemes. And

corporation again, spelled out in legislation

23

I need to spend a little bit of time on this 1 2 with you, because those three words you see underlined right there really are the 3 foundation of the gaming business in Canada. 4 5 They are lifted right out of the Canadian criminal code. And our colleague from 6 Gambling Compliance talked about this a little 7 bit earlier in his remarks, but these are the 8 9 words that really make gambling legal in my

10 country.

What the criminal code dictates is that a provincial government or its designate agency, in this case OLG has to conduct, must conduct and manage the gaming activities or we're offside of federal law and my colleagues and I don't want to go to jail. So, we are pretty clear about what we have to do.

18 What do those three words mean? And 19 to help you, I've included a bit of a checklist 20 up here on the screen. These are the factors 21 that have been identified through case law as 22 being relevant to determining whether OLG is 23 conducting and managing.

24

So, to be clear, we can contract out

our operational side to private sector
 operators and we do. And we will be doing more
 of that. But to meet our legal obligation to
 conduct and manage, we must demonstrate control
 over all of these factors. So, we can't simply
 license out the gaming activity to the private
 sector.

So, we're the operating mind and we 8 9 will demonstrate on a regular basis that we are the operating mind, and really the strategic 10 entity of the gaming business in the province. 11 So, depending on the line of business, these 12 factors can change a little bit. And it's very 13 acceptable that they morph to fit the 14 particular business that we're talking about. 15 So, in the Internet gaming law we're 16 17 going to talk about we're focusing basically on 18 items one, three and seven. So, that would be 19 one, setting strategic direction and establishing clear operational policies. 20

21 Number three, owning and retaining all of the

22 customer data, which I'll talk a bit about.

23 And number seven, compensation models.

24 So, in our iGaming model, OLG will

handle all of the dough. That's our job. And
 we will compensate our suppliers. We manage
 those contracts.

This model is really a bit complex. 4 5 It does morph from province to province. Ιt does come from the federal criminal code. 6 These factors have really been approved by our 7 attorney general and came out of joint work 8 9 between OLG and our regulator, the Alcohol and 10 Gaming Commission of Ontario, my former 11 employer. And the AGCO is a multi-purpose 12 regulator. It provides oversight over legal 13 gambling in the province, along with the sale, 14 service and consumption of alcohol. So, 15 specific to gaming, it works to ensure a strong 16 17 regulatory environment by registering all of 18 the manufacturers, suppliers to the gaming 19 industry, employees of OLG of those manufacturers and suppliers. 20 It establishes standards and 21 22 requirements. It approves rules of play. Ιt 23 tests and inspects gaming equipment, has a

24 full-blown laboratory at the commission. And

1 it investigates noncompliance.

As we moved through the steps to establish our Internet gaming business, we have been very, very careful to square up everything we're doing with our colleagues at the AGCO. That has paid bonuses for us. And the clear kind of clean open lines of communication are absolutely imperative.

9 When I think back over the process 10 of establishing our Internet business, I am reminded by some pretty wise words from a 11 former executive chair of one of the biggest 12 banks in Canada and now one of our board 13 members, so I have to be extremely respectful 14 to him. He basically said when you're dealing 15 with big technology projects like this, they 16 17 generally cost twice as much as you think they will and they'll take twice as long as you 18 19 think they will to set up.

He wasn't far off when he said that, at least in the aspect of timing. This has not been an easy endeavor for us. So, back in 2010, our board got from government a renewed mandate, which included amongst other things

the direction to move forward with Internet
 gambling.

3 The government was very clear. You 4 are going to do it with extreme care. In 5 essence, this was driven by a number of 6 factors, one of which was to repatriate some of 7 the half billion dollars that leaves our 8 province every year to offshore Internet 9 gambling operators.

10 We knew we had to be good and we 11 knew we have to be good to get Ontarians to 12 choose us over the other games that they had 13 become very use to playing.

14 So, we looked at various options. 15 And we ultimately arrived as an operating model 16 where OLG would conduct and manage a single 17 Internet gaming platform. And it would do so 18 by engaging and overseeing the efforts of a 19 third-party service provider, which would 20 manage for us day-to-day operations.

Public interest principles shaped our process. Provincial elections got in the way of timing a little bit. And our priorities for an operator included a company with the

skills and experience to help us be competitive
 and to move forward with a very effective
 Internet gaming strategy.

We wanted a company that could promote responsible gambling, stand as a leader in that field. We wanted some company that was adept at identifying identity fraud, particular focus on preventing access to minors.

9 We wanted an operator that had a 10 demonstrated and proven ability to protect personal information, integrity of the games, 11 and to detect money laundering, which of course 12 we heard a little bit about earlier this 13 morning, and other related criminal activity. 14 We also had a stipulation that all key computer 15 servers would have to be located in Canada and 16 preferably in Ontario. 17

18 So, an RFP went out for that 19 operator's role at the end of 2011. And after 20 close to a year, a very fair, open, competitive 21 process, we identified a preferred vendor. By 22 the spring, a contract was approved by our 23 government and we executed with that vendor. 24 And that vendor is GTECH. We've since been engaged with GTECH
 in various cycles of development,
 implementation, testing, really moving our

4 business along so that we are very prepared to 5 launch it.

Our Internet gaming solution is 6 about to be delivered to our regulator. We are 7 weeks away from handing the final solution to 8 9 the AGCO for regulatory testing. And pending 10 that review, we will launch basically in a twostage process. A soft launch where we'll 11 invite some of our players out of our loyalty 12 program at the casino business. And we'll let 13 them test the system out, quite frankly, and be 14 ambassadors for us for four to five weeks. 15 Then we will open it up to the province likely 16 late summer, early fall. 17

18 So, here's the model that we arrived 19 at with GTECH. In looking at it, I'd like you 20 to remember those three important words I 21 mentioned earlier from the criminal code, 22 conduct and manage. OLG can't just hand over 23 the operation to GTECH or as I said earlier, 24 create some kind of licensing arrangement. We

have to be the operating mind behind the gaming 1 business. And we're going to do that by 2 maintaining accountability for defining 3 policies, setting strategy, retaining all 4 customer data and managing all of the money. 5 For its part, GTECH will be 6 providing its software. They'll be managing 7 day-to-day operations and they'll be handling 8 9 customer inquiries through a call center. And 10 that call center will actually be integrated right into our larger operation so that various 11 -- according to protocol, various complaints or 12 issues will be shot right into the OLG call 13 center. So, that will be like a tier three 14 kind of issue. 15

Our plans call for a phased rollout. 16 The initial product offering will feature 17 18 interactive casino style games for online play, slots, video poker and table games. PlayOLG 19 will also allow customers to purchase their 20 favorite lottery products. So, our version of 21 Powerball and Mega Millions is LottoMax and 22 23 Lotto649. And then over time, we're going to 24 introduce bingo followed by poker, peer-to-peer

1 poker and sports wagering.

2 In those second and third phases, we will be enhancing our mobile device 3 capabilities. Obviously, recognizing the huge 4 growth that we're seeing worldwide through our 5 eyes and through the eyes of GTECH on the 6 popularity of mobile. 7 So, you can actually get onto 8 9 PlayOLG.ca right now. It's a live site and it 10 will basically give you information about where we're going and when we're going there. 11 All of this is underscored by a 12 commitment of working towards the gold standard 13 for responsible gambling. Those were the 14 Premier's words when he announced that OLG 15 would be getting into the business. And it is 16 a business priority for us at OLG. 17 Our public position is really quite 18 19 clear. If you're a problem gambler, we don't want you. Our role in RG is very well defined. 20 Our program is designated and designed to 21 deliver independent provincially funded 22 23 agencies like the Responsible Gambling Council and the Center for Addictions and Mental Health 24

to weigh in and give us advice. And we have
 designed our program with very much of their
 advice.

4 The core elements of the program, 5 player education, employee training, support 6 tools for our players and voluntary self-7 exclusion are consistent actually across all of 8 our lines of business.

9 Certainly, as we built our site and 10 we thought about this business and we took advice from organizations like Responsible 11 Gambling and the Center for Addictions and 12 Mental Health, we took them to heart. 13 The result is that the work has been embedded --14 was embedded into our RFP, is embedded into our 15 contract with GTECH, and is embedded right into 16 the platform itself. 17

18 It'll feature tools allowing players 19 to self-educate and manage. You heard a little 20 bit about that from our colleagues at Bally and 21 IGT this morning. And you can see what some of 22 those things are in the bottom left-hand corner 23 of the slide that's up there right now.

24 So, things like spending limits,

player duration limits really can help people 1 control their gambling habits. As with our 2 land-based gaming sites, we will also offer 3 voluntary self-exclusion. So, any player that 4 wants to take a break for a variety of periods 5 of time, we will not let them or we will use 6 our very best efforts not to let them back on 7 our site. And we'll also bridge them right 8 9 into counseling and make our very best efforts 10 to see that they get the help that they need. Naturally, we are a little bit 11 reticent to go with detailed financials in a 12 public way, but this afternoon I am happy to 13 share certain information with you. Our peer 14 agencies like British Columbia, Manitoba and 15 Ouebec have been in the Internet business for 16 some time now in one way, shape or form, either 17 with lottery tickets, bingo or casino games. 18 And they are very good in terms of 19

sharing their information with us. So, based on their figures, other market research that we have done, our own player data, our population, we actually think it's reasonable that by year four or five of our business, we'll be

providing \$100 million in incremental profit to
 the province through our Internet business.
 It's really part of a larger effort
 at OLG that we're referring to as

modernization. And modernization is intended 5 to address the shortcomings of our business 6 model. Foremost amongst those shortcomings as 7 an example is we are not always where our 8 9 players want us to be in a number of ways, in 10 the lottery business, in our casino gaming business, in our bingo business. Nor do we 11 have the games they always want to play. 12

13 Certainly, offering our consumers a 14 safe, secure, responsible Internet gaming 15 platform is a very important step to help us 16 address those issues and to help us with our 17 overall modernization of our business model.

18 It goes without saying that the 19 Internet is rapidly changing our business. 20 We've seen it in the music business. You've 21 seen it in the media industry. And we do not 22 want to be left behind. And that is a real 23 driver for us to be moving ahead with 24 PlayOLG.ca.

So, we're actually very excited. 1 We're getting very, very close, as I said 2 earlier to handing the product over to our 3 regulator. We believe that what we're doing 4 5 and how we're doing it fits with that purpose and mandate that I talked about earlier. 6 We know it will create economic stimulation for 7 the province. We're working on some 8 9 interesting things with our colleagues at GTECH 10 on that front. It will generate incremental profit. 11 it will definitely advance our responsible 12 gambling agenda. We will actually get real-13 time insight into the gambling patterns of our 14 players. And it will keep the bucks in the 15 province or as many of them as we possibly can 16 17 keep in the province to do good work in Ontario. 18 19 So, that basically is the extent of my remarks here. And I'm happy to answer any 20 questions that you may have. 21 CHAIRMAN CROSBY: What is the 22 23 population of Ontario? 24 MR. SWENY: The population is about

1 13.5 million.

2 CHAIRMAN CROSBY: Twice Massachusetts. 3 MR. SWENY: Yes, adults just under 4 5 10. CHAIRMAN CROSBY: That's 6 interesting, because our lottery contributes a 7 billion dollars and we're half the size. And 8 9 you contribute two billion dollars. So, on a 10 per capita basis, it's about the same. MR. SWENY: The Massachusetts 11 business on the instant scratch and win is 12 unparalleled anywhere in the world. And we 13 look at that thirsting. Thank you very much. 14 MR. BARBEE: If it's acceptable to 15 the Commission, I've prepared an oral 16 17 affirmative presentation. I don't have a slide 18 show, but I'd like to just sit here, maybe talk to you a little bit about what we do in Nevada. 19 My goal is to give you just a brief overview of 20 the Nevada Gaming Control Board, our regulatory 21 structure. Talk about what led up to Internet 22 23 gaming in Nevada and then just give you a 24 general idea of where we are currently. Feel

free to, if you have questions along the way,
 to interrupt as we go.

My name is Jim Barbee. I am the 3 Chief of the Technology Division with the 4 Nevada Gaming Control Board. And thank you for 5 considering us to come and speak with you 6 today. I did have the opportunity to interact 7 with your organization in the past. And it's 8 9 been a great experience so far. I really 10 appreciate the approach that you're taking. So, to talk a little bit about 11 Nevada and the Gaming Control Board. Nevada 12 has a two tiered regulatory structure. We have 13 a Gaming Commission and a Gaming Control Board. 14 Our Gaming Commission is a lay body. It 15 consists of five members that are appointed by 16 17 the governor. These are a group of people, they're part-time employees. They meet once a 18 19 month. The purpose of the Commission is to make final ruling decisions on all licensing 20 matters in Nevada, and to promulgate the 21 regulations that govern gaming. 22

The Nevada Gaming Control Board isthe full-time body. The Board is governed by

1 -- I'm sorry. The Board is led by three
 2 members, one of them acts as the Chairman. The
 3 current Chairman is A.G. Burnett.

4 The Board consists of six divisions. 5 There's an audit, an enforcement, a technology 6 division -- I usually save myself for last, so 7 I forgot what the other guys are, audit 8 enforcement, investigations, tax and license. 9 Each of the divisions, we have a core set of 10 responsibilities.

My particular area of responsibility 11 is gaming technology and any technology that's 12 used in Nevada relative to gaming. The Board 13 has a staff of approximately 420 full-time 14 employees. The Technology Division, my group, 15 16 I have a staff of 25 professionals. They range 17 from computer engineers to electrical 18 engineers, computer scientists, mathematicians 19 and IT auditors.

20 Throughout our discussion today, 21 we're probably going to talk about tech. 22 standards and MICS and regulations and whatnot. 23 So, I'd like to give you just a brief overview 24 of the Nevada regulatory structure.

It all starts at the state level. 1 2 Our Legislature comes together and they come up with our statutes. So, we might talk about 3 The primary enabling legislation in 4 NRS. Nevada is our NRS 463. It's called the Gaming 5 Act in Nevada. Below the NRS is our gaming 6 regulation. Those are the daily requirements 7 on the gambling industry. Those are crafted by 8 9 our Gaming Control Board and approved by our 10 Gaming Commission. 11 The primary regulation in Nevada that deals with -- we call it interactive 12 gaming. I don't know who came up with 13 interactive gaming, Internet gaming. But we 14 refer to it as interactive gaming that's our 15 16 regulation 5A and our regulation 14. Just below our regulations, we have 17 two operating guidelines. We have what we 18 refer to as the technical standards. That's 19 20 how systems have to operate. For example, you have to have this many games in game recall. 21 These are the standards that apply to a random 22 23 number generator. These are the geolocation 24 requirements. Those are again the technical

1 standards. And I am responsible for those.

We also have what we refer to as 2 minimum internal control standards, MICS. Our 3 MICS govern how the systems have to be 4 operated. So, the technical standards say how 5 they have to work. And the MICS dictate how 6 the operators use those systems. Our chief of 7 audit is responsible for the internal controls. 8 9 So, that's a little bit of background on the 10 Nevada Gaming Control Board and the Gaming Commission. 11 To give you a little bit of history 12

about how we got into Internet gaming. 13 In 2001, Nevada had its first enabling 14 legislation. And that authorized the Nevada 15 Gaming Commission to adopt regulations for 16 Internet gaming. And it also established the 17 18 minimum demographics necessary to hold an 19 operator's license. And I believe it was mentioned a little earlier today that that's 20 our bricks-and-mortar and what size of location 21 that that had to be. 22

Let me fast forward to 2011. It wasin 2011 that there were modifications or an

amendment to the legislation. And that again 1 made more clear the Nevada Gaming Commission's 2 ability to adopt regulation. And it also 3 established a couple of conditions that in 4 order for us to offer Internet gaming, we'd 5 need to have some federal law authorizing 6 Internet gaming or have a notice from the 7 Department of Justice that it was acceptable in 8 9 Nevada.

10 It was pretty apparent in 2011 that there was activity on the federal front for 11 interactive gaming. And that it was time for 12 us to kick it into gear and start looking 13 seriously at how are we going to regulate that. 14 So, in 2011 we started our 15 regulatory process. That's where we started 16 17 developing our regulations, and concurrently we 18 developed our tech. standards and internal 19 controls.

In December 2011, I don't know if it was shortly the day after or the day before the Department of Justice released their opinion, but we did adopt our regulations to govern interactive gaming. And then in January 2012,

we adopted our internal controls and our
 technical standards.

Throughout 2012, we were working 3 with the industry to get systems online either 4 5 to develop the system manufacturers and the development of their systems. 6 And then in 2013 there was an 7 amendment to the 2011 legislative session, 8 9 which removed the prohibitions about the 10 federal law in requiring input from the Department of Justice. As well, it authorized 11 our governor to enter into multistate 12 agreements with other jurisdictions where 13 interactive gaming was legal. 14 Then we fast forward to April 2013, 15 we had our first system go online. That was 16 17 Ultimate Gaming. In September our second 18 system went online. That was the World Series of Poker brand with 888 as the manufacturer 19 20 there. In February, just last month we had 21

22 our third system come online. That was the
23 Real Gaming that's related to the South Point,
24 an operator there in Vegas. And then most

notably here last month we had the interstate
 agreement signed between the governors of
 Delaware and Nevada.

4 So, that's a little history on how 5 we got to regulating Internet gaming. But to 6 talk to you a little bit more about the details 7 of what was involved in that process, and it 8 had a lot to do with exactly -- the process was 9 quite similar to what it appears you're doing 10 here today.

11 There was a steep learning curve 12 involved. The first thing you have to figure 13 out once you realize or you have the enabling 14 legislation that it's legal, you have to figure 15 out who do I license? How far into this space 16 do we need to go?

And I think for us, there was a lot 17 18 to learn there. There's a lot more vendors that have critical impact on the operation of 19 interactive gaming than let's say your bricks-20 and-mortar. In your bricks-and-mortar, I'm not 21 22 saying that the payment processor or the folks 23 who are bringing the cash, the Brinks truck 24 that rolls up isn't critical to that operation,

but they don't have as great an impact on the
 potential integrity of their bricks-and-mortar.

3 Whereas in the online space, those 4 operators, your payment processors, your KYC, 5 your geolocation, they have a significant 6 impact on the potential integrity of your 7 industry. So, you have to make that decision 8 how far into that space do I want go as far as 9 the licensing goes.

10 Then as you delve into that space, the next decision is how deep do I want to 11 license those folks? As you go through the 12 process to get a bricks-and-mortar license or a 13 manufacturer's license, you're providing 20 14 years of tax records. You're basically giving 15 a government top-secret clearance. Do you need 16 17 to apply that same level of licensure to the service providers? They're critical to the 18 19 function of the industry, but do you have to go that deep? That was another decision that we 20 had made there. 21

22 Nevada has established three ties of 23 investigations for licensure. Tier I is a 24 full-blown licensing where basically you give

carte blanche to do the investigation. It
 takes a bit of time and it's a bit more
 expensive.

A Tier-II review that one might cost in upwards of \$10,000 tops, I believe \$2500. And that would apply again to the ancillary service providers like those geolocation, the payment processors and the KYC. And then the Tier III is for the marketing affiliates.

10 As you go and understand the 11 interactive space, there are a lot of terms 12 that get thrown around. So, that was another 13 area that we had to learn a little bit more 14 about.

Player liquidity for example, just 15 in a recent meeting with a policymaker in my 16 17 own organization, they finally asked me what is 18 player liquidity? I hear that term all the 19 time. What does it mean to have player liquidity? I know it's important, but what 20 does it mean? 21 The more people you have, the more 22

23 games you can offer. The more games you can 24 offer, the more attractive it's going to be to

potential players. If a person comes to the
 table and they want to play \$5.00, \$10.00 poker
 but you don't offer it, well they might go and
 watch TV instead.

5 If however, because you have a 6 greater player liquidity base, you have more 7 people who are interested in \$5.00 and \$10.00 8 tables. Now you can actually offer one. So, 9 when the person goes to find a \$5.00 or \$10.00 10 table, it's available to them. And they'll sit 11 down and play.

12 Little things like that trying to 13 define that common vocabulary. So, what we did 14 to define that or to establish that we brought 15 in through a series of training for all of our 16 policymakers and people who would have 17 influence or impact on regulating Internet 18 gaming, we had training sessions.

We brought in both industry
professionals and professionals from our
professors from UNLV to first start off with
what is the Internet? What is Internet gaming?
What does it mean if somebody talks about
penetration testing? What does it mean if we

talk about servers? What is a firewall? So,
 let's establish that baseline.

The next sort of training we had was 3 on fraud. What are some potential Internet 4 fraud possibilities? What are the risks that 5 we're potentially going to be faced with? 6 And the we brought that training 7 down even more focused and brought in some 8 9 industry professionals that dealt specifically 10 with Internet gaming in foreign jurisdictions and whatnot. So, there's a large learning 11 curve there. 12 So, once you have a basic 13 understanding then you need to understand the 14 technology that's involved. So, we spent a 15 fair amount of time dealing with technology 16

providers. Having them come in and demonstratetheir technology, talk to us about it.

19 And one of the main questions you 20 want to ask any technology provider when they 21 come forward is not just tell me how great your 22 technology is, but tell me what's the risk that 23 is involved in your field? And how do you 24 mitigate that risk?

Once you get past, and I apologize 1 to any technology providers out there, but once 2 you get past their sales pitch where they're 3 telling you how great their technology is, and 4 you get past them hoping you're going to write 5 their technology into your regulation, once you 6 put that part aside and you get down to it, the 7 technology providers are excellent educators. 8

9 So, I think what you really need to 10 understand or what we really tried to 11 understand was what don't we know. And let's 12 talk to people who do know. So, that was a 13 large amount to our learning curve.

Now that we've gotten the baseline 14 established, the whole reason that we're here 15 was for not only to offer entertainment for the 16 17 patrons of our state, but there's tax revenue implications. So, how do we report on that? 18 We did define a very specific reporting 19 infrastructure. We went so far as to say every 20 system, regardless of who provides it, you have 21 to have a report that's called this. This is 22 23 what needs to be in this column, that column 24 and the other. This is how you tie all of

1 those together.

I think just overall, the learning curve was pretty steep. We had a short period of time to get up to speed on that. I believe we are in a good position with it now. And I see like this form is a prime example of you doing pretty much that same thing.

8 Where are we now? We currently have 9 three operators, as I mentioned. The most 10 senior Ultimate Gaming. They've been live 11 since April, April of last year. Then we have 12 World Series of Poker went live in September. 13 And then the South Point or Real Gaming went 14 live last month.

With those systems we are seeing with Ultimate Gaming, their second- and thirdgeneration software submissions. These are including more patron bonuses, more variations on the games of poker, system enhancements and whatnot.

The 888 World Series brand, that system is being approved, going through our final approval process now. They should get approved later this month. Once 888 gets

approved, they will be providing that system to 1 2 one or two other operators in Nevada. So, I expect within the next three to six months to 3 see a few more operators coming online. 4 Then with South Point, they're three weeks into it. 5 As we went through the licensing 6 process, Nevada has licensed 12 operators. 7 That would be 12 bricks-and-mortar locations 8 9 who can perform interactive gaming. We have 24 10 service providers. The service providers would 11 be the manufacturers of the systems, the 888's, the Bally's, the IGT's of the world. Then we 12 have 30, approximately 30 secondary service 13 providers licensed. Those would be the ones 14 who provide the geolocation, the patron 15 identification and the KYC. 16 17 More importantly, where are we as a 18 regulator? Now we are at least a year into it. We see where we struck right on. We see where 19 we were a little off-based. So, we're going 20 through our regulatory structure now. We've 21 22 made some recent changes to our patron 23 protection in our regulations to adjust to 24 limits that we had initially set. We're going

through now to do a technical standard an 1 internal control review. And that's what I 2 have for an affirmative presentation. 3 MR. DAY: Thank you very much. I 4 appreciate your time. Rebecca? 5 CHAIRMAN CROSBY: Do we have 6 questions, Rick? Are you going to skip 7 questions or --8 9 MR. DAY: Questions. 10 CHAIRMAN CROSBY: If you have time, yes. A couple of quick ones. You only are 11 licensing, only giving the option of offering 12 Internet gaming to bricks-and-mortar license 13 14 holders? MR. BARBEE: That's correct, Sir, as 15 the operator. 16 17 CHAIRMAN CROSBY: As the operator. 18 And what are your the revenue projections now as -- What is your revenue performance compared 19 to what your revenue projections were? 20 MR. BARBEE: I'm not certain. And I 21 22 would go with my friend up north being a little 23 hesitant to relay that information in a public 24 meeting. First, because I don't know and I'd
1 hate to lead you down the wrong path.

I think our revenue projections, we 2 may have projected slightly over what we're 3 currently receiving. But I don't think we were 4 -- We didn't have grand revenue projections 5 based on our population size. I am familiar 6 with accounts created and whatnot. And I do 7 know that the accounts created information is 8 9 consistent with what our projections were 10 there.

There's an excellent resource that's 11 available online. And one of the things you'll 12 learn is you can learn a lot online. There's a 13 couple of websites, pokerscout.com for example, 14 is great website to go and look at for 15 information on the industry. You could login 16 17 to PokerScout now and see how many people are 18 playing on any particular site.

But more importantly, the information that you can get there is, I believe, it was Poker Stars may have released up to 10 years' worth of their demographic information worldwide. And there was a professor, maybe he was out of Germany, he put

a paper together. It's a really good paper if 1 2 you get the opportunity to read it. Maybe it's the University of Hamburg. And through the 3 demographic information that he compiled, he 4 went state-by-state and jurisdiction-by-5 jurisdiction. This is approximately how many 6 poker players are available in that particular 7 jurisdiction. 8

9 I know that the policymakers didn't 10 look at that information. I should remind you that I am not the policymaker. I'm the 11 technology guy, the nuts and bolts guy to tell 12 you if it works or not. But I'm also the 13 technology guy who goes on the Internet and 14 does a bit of research myself. The information 15 that was contained in that paper, I'm seeing as 16 consistent with what turned out to be the 17 18 number of accounts that were created in Nevada. 19 COMMISSIONER CAMERON: Ouick 20 question, Jim. You have 12 operators. Everyone that's a licensee has the ability if 21 they chose to? 22 23 MR. BARBEE: Everyone who is

24 currently licensed, yes, they could. However,

in Nevada we have, and I am going to be a
 little off on my numbers, but we might have
 3000 licensees. Of those 3000 licensees, maybe
 2000 to 2500 we consider restricted locations.
 Those would be places with 15 or fewer slot
 machines. They are not eligible to receive an
 operator's license.

You have to have brick-and-mortar 8 9 presence with a certain minimum number of hotel 10 rooms, a certain minimum number -- I believe a county with a certain number of people. Out of 11 those, I don't know the potential there. Maybe 12 it's two to four hundred of Nevada's current 13 brick-and-mortar operators would be eligible 14 for the license. But you do have to go and get 15 the license. It's not de facto that you get it 16 17 simply because you have an operator's license 18 for brick-and-mortar.

19 COMMISSIONER CAMERON: You apply for 20 it and qualify. And you have three systems. 21 I'm not sure of your terminology. Like Poker 22 Stars is one of the three. If others want to 23 participate, will they have the potential or 24 are you going to cap that number?

1 MR. BARBEE: No, Ma'am. And Poker 2 Stars isn't in Nevada. That is with the 3 example, I believe they are the ones that 4 released that data.

We have three system providers. 5 And when I talk about systems that would be the 6 manufacturers. The corollary would be to slot 7 machine manufacturers IGT, Bally, Aristocrat, 8 9 Konami. We have three. We don't have a limit 10 on the number who are eligible. We'll let the market dictate how that will play out. 11 Of the three that are currently 12 operating, there's 888 who is working with 13

Caesars and the World Series brand. There is 14 Ultimate Gaming. Ultimate Gaming is affiliated 15 with Station Casinos. They're the manufacturer 16 17 of the system as well as the operator. And 18 then there's Real Gaming. Real Gaming is 19 associated with the South Point. And are also the manufacturer of the system as well as the 20 21 operator.

22 COMMISSIONER CAMERON: Some of those
23 systems participated when it was illegal,
24 correct? How are you looking at that when

deciding whether or not they are eligible to be
 an operator in Nevada.

MR. BARBEE: I believe that was part 3 of the legislation in 2013. At the state 4 level, they established a covered asset and a 5 covered person clause. Covered asset and 6 covered person, the person would be the entity 7 performing the operation, the asset may be the 8 9 trade name. Anyone who accepted wagers after 10 December 12 that UIGEA went into place in 2006, anyone who was found to have violated UIGEA, I 11 believe has a five-year minimum cooling-off 12 period before they can apply for a license in 13 14 Nevada.

COMMISSIONER CAMERON: Thank you. 15 MR. DAY: Rebecca, when you comment, 16 17 we heard about the agreement between the two 18 governors. Maybe you can comment on that. MS. GOLDSMITH: We'll get to that. 19 That's definitely in the plan. Good afternoon, 20 everyone. Again, my name is Rebecca Goldsmith. 21 I am the Assistant Director of the Delaware 22 23 Lottery. And most recently, I was responsible 24 -- most recently I was the project lead on the

implementation for the iGaming launch in the
 state of Delaware.

Really it's that role that brings me 3 here today to speak with you about some of the 4 processes that we took to actually launch 5 Internet gaming and some of the hurdles, the 6 challenges that we faced because certainly 7 we've been in your shoes for sure. 8 9 And to everyone's credit to this 10 point, there's quite the learning curve. There's no doubt about that. 11 In Delaware, we are a little unique 12 relative to our counterparts in Nevada, New 13 Jersey in that the state lottery is both the 14 operator and the regulator of casino gaming in 15 Delaware. Meaning we've got ourselves a little 16 17 more in the weeds maybe on the operational side 18 than the average. 19 We have a particularly unique relationship with our three licensed video 20 lottery agents that actually operate our 21 casinos on the state's behalf. 22 23 You'll find I use a couple of

24 unusual terms throughout this process. Really

in Delaware there are two forms of gaming that 1 is actually legal. One is lottery the other is 2 horseracing. Legislatively over time as gaming 3 expanded, the term lottery sort of continued 4 down that road. So, for us a video lottery 5 machine is commonly known as a slot machine. 6 And a video lottery agent would be a casino 7 operator in our case. So, you'll know what I'm 8 9 referring to when you hear those terms.

With us, our story really starts 10 back in June 2012 when the State Legislature 11 passed a Gaming Competitiveness Act that 12 included many provisions, but the most relevant 13 at this point is the legalization of Internet 14 gaming within Delaware. That particular piece 15 of legislation basically required that our 16 three casinos act as the front-end portals 17 offering the websites associated with their own 18 19 names and brands, while the Delaware Lottery managed the platform or the system on the 20 backend. So, that's been a little bit of a 21 22 unique component relative to our counterparts 23 in the United States.

24

Again, I think somewhat in the very

beginning of today's session talked about not 1 wanting to -- And I wrote it down. --2 jeopardize the goose that laid the golden egg 3 with respect your land-based casinos. That was 4 directly what was taken into account in this 5 legislation here is hoping to supplement that 6 activity, to create players both online and 7 land-based. And to grow both businesses 8 9 together. So, I think we're all looking at the 10 same topic broadly speaking. 11 Again, because we are a little bit unique in that we are a government agency 12 responsible both for the operation and 13 regulation of casino gaming, we too went to 14 bid. So, in January 2013 we issued an RFP for 15 an Internet gaming system solution. In doing 16 so, we also issued our technical 17 18 specifications. So, that came out in January. 19 Once that process started, we immediately turned into the development of our 20 regulatory environment. What were we going to 21 do to regulate this new activity in the state? 22 23 And we knew that we were really 24 comfortable with our regulatory environment for

land-based casinos. And wanted to be prudent
 enough to use as much of those processes we had
 already established as possible making
 reasonable modifications for your online
 environment.

And I think to Jim's point, talking 6 about who are you licensing. Instead of 7 licensing somebody who is walking across your 8 9 casino floor, now you're trying to license 10 somebody who has access to your backend technology to make modifications to tables and 11 areas of your system. So, dealing with 12 security in that way. 13

We did a couple things to further 14 our research. One was looking at other 15 regulated environments. I think we really 16 17 looked at Spain, Italy. We looked to our friends in Nevada to see what they had already 18 19 done going before us. Alderney, Malta, Gibraltar and we reached out to other technical 20 experts who had experience really ferreting 21 through the degree of regulations that are out 22 23 there.

24

And I'll mention GLI currently as

they sit in the back of the room, because they 1 are heavily involved in evaluating certain 2 systems to various standards. And there was a 3 really good opportunity for us to seek out 4 technical input throughout the process. 5 From there as we designed our 6 regulatory environment, we were making 7 selections on our platform provider. And that 8 9 for us ended up being Scientific Games and 888 10 who had co-bid for the business. 11 Throughout that process, there were any number of multifaceted decisions that are 12 going to have to be made. Which payment 13 options you are going to accept. How are you 14 going to conduct your geolocation? How many 15 fallbacks you are going to have. What exactly 16 17 are you going to do? Are you going to use the 18 cell phone component with SMS delivery? How do you implement identification verification? 19 And quite frankly, for us on the 20 operational side, how are we going to establish 21 a new customer service group to accommodate the 22 23 volume of inquiries and players that are going 24 to be coming and having questions?

As we did that we tried to look to 1 the experience. Again, unfortunately for 2 Nevada and both positives for Nevada, they went 3 first. And we were able to try to glean from 4 them some of what was going to happen to us 5 next. And the two issues that really stood out 6 were on the banking side and on the geolocation 7 side, trying to get those as right as possible 8 9 for what was really going on.

10 The first issue on banking was trying to find institutions that would accept 11 deposits from players who were making Internet 12 gaming related deposits to our casinos. 13 So, all three casinos are very well-established, 14 well respected, have long-standing 15 relationships with lending institutions in our 16 17 state.

But when they went to move forward to actually open up accounts where they could accept players' funds that was a little bit of a different story. One of our casinos was immediately told no. They had to go try to seek out an alternative company. The other two actually had accounts opened in a relatively

brief period time. We thought we were ready to
 go.

And no kidding one month before 3 launch, the bank who had approved these two 4 accounts be open started asking a number 5 questions related to 2006 UA that related to 6 our system verification checks, related to the 7 2011 Wire Act decision. And at some point, 8 9 three to four weeks prior to launch, determined 10 they could no longer allow these accounts to be active and shut them down. 11 So for us that's a showstopper if 12 you can't accept funds and you can't accept 13 deposited monies you really can't gamble online 14 period. So, it was a 180 degree spin trying to 15 find an institution that understood the legal 16 17 offering that was being provided in our state 18 that was willing to accept whatever level of 19 perceived risk was out there. And to move forward with 20 prioritizing any kind of background checks and 21 vetting process for our two casinos now. 22 And 23 to do all of that within a three to four week 24 timeframe.

And we did it. And it was amazing. 1 One particular institution really did a great 2 job at sort of bridging that gap for us and it 3 didn't affect our launch. But those are the 4 kind of things that you don't expect. 5 You feel like you're in really good 6 standing, and then all of a sudden something as 7 big as that comes out of nowhere and you are 8 9 stuck scrambling. So, we went through that. Another issue we tried to head off 10 at the pass was credit card acceptance, which I 11 think we touched on earlier and the dreaded 12 Visa 7995 code. 13 And a quick overview of that is 14 there are something like 8000 credit card 15 issuing banks in the United States. Each one 16 of those banks is allowed to decision on its 17 own the various payments that come through. 18 So, 7995 is a code for Internet 19 gaming. So, every transaction that Visa uses 20 to deposit directly to an online casino carries 21 that particular flag with it. And every Visa 22 23 card issuing bank has the right to determine 24 whether or not they want to accept that charge

1 or decline it.

Visa has an extremely high decline 2 In our situation, it's like 70 percent rate. 3 approval for MasterCard, 30 percent for Visa. 4 So, on the front-end we have an active card 5 acquiring bank who is meeting regularly with 6 the two card brands trying to promote education 7 on what's actually happening. But we also have 8 9 another opportunity in our cashier to try to 10 configure our system to help the player realize that if they're getting a decline there are 11 other methods of deposit that are available to 12 13 them.

And one of the things that we did 14 was strategically allow our default in the 15 credit card portion to be MasterCard. So, 16 17 that's the first that you go to. And if a player wants to use a Visa, they certainly have 18 19 that option. They pick from that drop down menu. And when they do that it triggers a 20 reminder for them that allows them to 21 understand that if their card is declined, it 22 23 may be that their card issuer has a relatively 24 high decline rate, and they can choose

something else. So that once that person 1 receives a decline, they're not gone forever. 2 They understand that there is another 3 alternative out there for them. 4 It's those kind of decisions I think 5 that are going to make the difference in the 6 business being successful. It's how you 7 communicate that to the individual player. So, 8 9 we started out on that front on a pretty good 10 note. And then we got down to the 11 geolocation piece. And I think geolocation, 12 the way it's being used in the US gaming 13 industry is particularly new. And there are a 14 wide variety of options that are going to be 15 16 available to you. At some point, as a regulative body, 17 18 you have to come to terms with what degree of 19 false declines are you going to accept? So, there are going to be some people who are 20 blocked from being on. They may be riding a 21 peripheral boundary. They may be in a 22 23 particular location. And it is going to 24 happen. It's to what degree are you

1 comfortable with it.

And then looking forward, I think 2 for us, we're really hoping that because this 3 technology is so new at least the way we're 4 using it that going forward it's going to 5 change. There's going to be a bigger 6 refinement and more tools available to use so 7 that you can kind of grow with the technology, 8 9 grow with the industry and move forward so long 10 as you keep up on the technology. And you understand how we all are using it to make the 11 best decisions possible for your particular 12 business. So, some margin of error is sort of 13 to be expected, I think, at that point. And to 14 Lindsay's, I think, comment earlier, it's the 15 reasonableness standard as well. 16 17 That takes us through January, June

18 contracting decisioning and then by late
19 October we actually launched with three online
20 gaming casinos and I guess the nation's first
21 shared liquidity poker room.

22 Right now when you logon to any one 23 of our three casinos to play poker, those folks 24 actually sit in a common location and play

poker with each other. And what that does for us is it again it creates more games that are available at any time of day, more players who want to play at those particular stakes at the same time, etc.

6 So, the more folks you have coming 7 on, the easier it is to find a game at the rate 8 and time you like and the more attractive and 9 fun the whole process is.

10 As we went into launch, our real focus kind of like, I think, everyone in this 11 case was the soft launch approach really 12 heavily focusing on the stability of the 13 platform, of the backend processes, of the 14 games, making sure we didn't have any 15 unanticipated issues. Once we were comfortable 16 with that, moving forward with a heavier 17 marketing strategy. And I think what that's 18 19 meant for us is more modest revenue growth in the first four months. And I think we were 20 okay with that. 21

But no matter what, as we turn our attention to acquisition, we still have to be cognizant of our demography and our geography.

So, in Delaware we are a small state. 1 You can 2 go from the northernmost piece to the southernmost piece in roughly two hours. Our 3 population is 900,000 people. Of that some 4 portion of them are of legal gaming age. Of 5 those who are of legal gaming age, some of them 6 want to play online, some don't, etc. 7

So, as you get down to it, you are 8 9 restricted by your boundaries. And that's what 10 made this multi-jurisdictional agreement with Nevada so important. It's the legal framework 11 that was established and announced in February 12 allows the two states the latitude to try to 13 combine a poker room so that you can attract 14 more players, make your game more fun and allow 15 16 more offerings to occur. Again, it was just 17 the legal framework that was established. Now we've got to work on how we actually do that 18 19 technically. But it was a major first step.

20 And I think that really takes us in 21 Delaware to where we are now. And then moving 22 forward the conversation is really focusing 23 again on mobile alternative forms of gaming, 24 etc. So, I think that's it in a nutshell.

MR. DAY: Great, questions? 1 2 COMMISSIONER ZUNIGA: Can I ask a question about that legal framework? Has there 3 been any challenges to that cooperation? 4 Is that in somebody's mind crossing state lines 5 whether it takes place in cyberspace or not? 6 MS. GOLDSMITH: No. I think that's 7 the entire purpose of the multi-jurisdictional 8 9 agreement is that if you've got the two 10 entities saying, like Nevada and Delaware, that we agree between ourselves that our players 11 adhere to, I'm going to call it, the 12 traditional geographic limitations, which are 13 your players are in Nevada, our players are 14 particularly in Delaware, but they're actually 15 allowed to play in a common poker room. 16 And 17 again, playing a game that is actually legal in both spots. 18

19 So, in Delaware we have we call 20 full-scale offering. You can play table games, 21 poker or slot machines. Then in Nevada, it's 22 the poker product that's really legal. So, for 23 us we're restricted by that piece. So, what we 24 are offering is a shared liquidity poker room

because that's legal in both locations. Did I
 answer?

COMMISSIONER ZUNIGA: Yes. I'm 3 curious why do you think the credit card 4 companies have such high or different levels of 5 rejections? Are they conducting a credit 6 analysis or risk analysis of every player? 7 MS. GOLDSMITH: One of our partners 8 9 Vantiv, is very active in this particular area. 10 And I would sort of encourage you to speak with them because they are so heavily involved 11 monitoring what's actually happening and doing 12 outreach. 13

I think part of it is a business 14 decision, a risk aversion business decision by 15 the individual issuing banks, period. And I 16 17 think it's that long-standing belief from that 18 2006 unlawful Internet Gaming Enforcement Act saying that you will be sanctioned by the 19 federal government if you allow transfers of 20 funds for these purposes. 21

And it's when you have that 2011 Wire Act decision come forward, it's a matter of adjusting to history of declining that 7995

1 code under all circumstances.

So, in our state what we tried to do 2 was meet with the Bankers Association to 3 educate them as to what was legal, what's not 4 legal, what we do in our state to authenticate 5 who you are, validate identification, etc. And 6 then help them do outreach with local banks. 7 And I think it's that process, it's 8 9 that communication that's going to take some 10 time for everyone to come to terms with -- to see change. That you're used to this being an 11 illegal process and that you've spent all of 12 this time trying to prevent it, and now you can 13 open the doors a little bit. It's okay here. 14 It's okay in certain jurisdictions to accept. 15 But it's the same conversation 16 17 happening throughout the United States throughout the card brands. It's not specific 18 I think to any one of us. We are all 19 struggling. And we're seeing improvement, but 20 it's a process. 21 22 CHAIRMAN CROSBY: Who owns the 23 player data in your model? 24 MS. GOLDSMITH: In our model, the

player data is actually owned by the individual 1 casinos. But we have the authority to have 2 access to it at any time. They are competing 3 with each other, so they don't want to share 4 player data amongst themselves. But as the 5 lottery we are able to see all of it. 6 COMMISSIONER STEBBINS: Rebecca, is 7 there a difference -- I'm looking at something 8 9 that shows kind of a varied tax rate. Can you 10 explain why you may or may not have a varied 11 tax rate? MS. GOLDSMITH: The rates for 12 Internet gaming actually follow our land-based 13 tax rates. So, the revenue-sharing agreement 14 is like 43.5 percent for table games and 29.4 15 percent, I believe, for video lottery. And 16 that's the intent for the Legislature to 17 18 support this activity and to continue mirroring what's going on in the land-based. Otherwise, 19 it's no different online than what it is in our 20 land-based casinos. 21 22 COMMISSIONER STEBBINS: And your 23 revenue projections because obviously you have 24 a lot of people here in the Delaware beaches

and shores during the summer, do you see -- was 1 2 there revenue modeling which showed a probably higher percentage of usage during the summer? 3 MS. GOLDSMITH: I think we're trying 4 5 to stay away from that conversation honestly as much as possible. And I think it's been 6 interesting because again, we're the regulators 7 not the policymakers. 8 9 So, it's trying to be realistic

10 about again, what's actually happening in our 11 state and the attractiveness of the product. 12 But we are hoping that the tourism season will 13 be a good opportunity to attract new players. 14 To use that acquisition for those folks who are 15 coming from outside, giving them something else 16 to do while they are here, etc.

17 COMMISSIONER STEBBINS: Thank you. 18 MR. DAY: Thank you, Rebecca. We 19 might be back to you if we end up with any time, but we better get to Eric. Eric, if you 20 would, it seems when you and I were talking 21 about we're kind of interested in regulation. 22 23 We walked on the casino floor and take a look. 24 I think you commented to me as well that you

have been working on monitoring specifically 1 for Internet gaming how that might come about. 2 So, if you would as you go in your comments 3 please mention that. I'd appreciate that. 4 5 MR. WEISS: Again, I'd like to reiterate what everyone was saying and thank 6 all of the Commissioners for having us here. 7 It's a great opportunity to let everyone know 8 9 about the good things that are happening in New 10 Jersey. I will try to be a little bit more brief and to give more time to you guys for 11 questions, because I know we are pressed for 12 time. 13

Really in New Jersey this whole 14 process started -- we dove headfirst into it. 15 And everybody thinks it happened very quickly 16 like nine months from the time the bill was 17 authorized to the roll out of Internet gaming 18 19 in New Jersey. But it really started more like two years prior when we passed a legislation 20 that authorized mobile gaming inside of a 21 casino. 22

So, that legislation basically saidthat mobile doesn't necessarily mean it's a

handheld device. It's just that you can have 1 gaming, inter-room gaming, mobile gaming inside 2 the four walls of a casino. When that 3 legislation was passed and we started 4 researching how we were going to regulate that 5 6 we recognized very quickly that the technology behind mobile gaming in a casino is the same 7 technology behind the Internet gaming. 8 9 You have your account based 10 wagering. You've got your geolocation issues, those type things. So, we really at that point 11

And we knew that if the governor ever passed the legislation, we would be in a better place to regulate it. That's really what gave us the foundation.

started researching the Internet regulations.

12

17 And the legislation eventually came out. And the governor was very clear that he 18 wanted this legislation to one, address 19 responsible gaming issues. He was very 20 concerned about that. The other one that it 21 was intended to revitalize Atlantic City to 22 23 help our casinos. So, our model really, and I 24 know there's going to be some discussion about

1 can Internet and casinos and lotteries coexist.

And the idea in New Jersey was yes, there's a synergy there. And it would help our casinos. Only casino licensees can offer Internet gaming. And it's no secret. There's been a lot of competition on our borders. And people are leaving the state out of convenience.

9 So, the people that are living along 10 those borders now can gamble online in Atlantic City. Our Atlantic city casinos can maybe 11 reach out to people that maybe have never had a 12 relationship before. And what's good about 13 Internet gaming is that you can't do anything 14 anonymously. So, you know who the players are. 15 You know where they're coming from. And you 16 17 know what value they are to your organization from the standpoint of how much they play. 18 So 19 you can market to them better. That's the background really that introduced Internet 20 gaming and authorized it and how we got to 21 where we are with the legislation. 22

New Jersey right now we think is agood place from a regulatory standpoint. We

currently have six casinos that have received 1 permits that are authorized to conduct Internet 2 gaming and are conducting Internet gaming. We 3 had 100 new companies come to New Jersey and go 4 through the licensing process. And Jim talked 5 about the different levels of licensing 6 depending on the kind of work that you do or 7 service that you offer. It's very, very 8 9 similar in New Jersey as it is in Nevada.

10 From the system side, we test and 11 approve the equipment ourselves in-house. We 12 have a lab. And we tested and approved seven 13 Internet gaming platforms. We offer casino 14 games and poker. So, of those seven platforms, 15 four are currently approved for poker.

We have four RGS, remote gaming systems or servers approved. And we have about 250 casino games authorized to be conducted in Atlantic City. And we're still getting submissions and we're still approving them.

21 It was an aggressive schedule that 22 we had. And one of the things that I heard 23 discussed in industry was that New Jersey had 24 this huge hiring process in order to get ready

1 for Internet gaming. And that wasn't really 2 the case in New Jersey. Today, today we have 3 less staff than we had when Internet gaming was 4 passed. So, you ask how did you do that, 5 right?

6 We had attrition, obviously. We 7 restructured the organization, reallocate staff 8 especially from the licensing standpoint. And 9 we did hire. We did strategic hiring, cyber 10 security people, network administrators, DBA's 11 those type of people to bring in to help us 12 through this process.

We also hired an Internet gaming 13 consultant Mario Galea, who was a regulator in 14 Malta, he was the chief regulator in Malta. 15 He's experienced from the standpoint of 16 licensing, which is very important to us and 17 18 all of these companies that are overseas in 19 Europe that he's licensed now in New Jersey. So, he gave us some good insight there. 20 And he's also very technical. So, 21

22 he's an ethical hacker. He's an electrical 23 engineer. So, it was a very good fit for New 24 Jersey as a consultant.

From the operations standpoint, 1 2 we're seeing a tremendous amount of patron growth. We're averaging around 37 percent of 3 an increase month to month on new patron 4 registrations, new patron accounts. 5 Today, we have about 248,000 patron 6 accounts in New Jersey. And from a revenue 7 standpoint, we're seeing about 23 percent 8 9 growth. I don't want to get into projections, 10 kind of like Jim and Rebecca here but I can talk about facts. 11 So, we are. We are at 23 percent 12 revenue increase month after month. We've 13 generated over \$26 million in Internet gaming 14 revenue. And there's another point to talk 15 about with Internet gaming revenue that I've 16 heard talked about out there and have read and 17 that's that poker is the economic driver on the 18 19 Internet. It's poker that is the one that is 20 the most important to have. In New Jersey at least, the 21 experience that we've had is that casino games 22 23 account for about 70 percent of all gross 24 gaming revenue. And poker is only about 30

percent at this point. That's not across the 1 There are some casinos that have 2 board. partnered with an Internet gaming provider that 3 really is more poker centric. But even in 4 those cases, casino games outpace the poker on 5 the Internet world, at least in New Jersey. 6 So, it's still early right now. 7 We're still in the infancy stages of gaming. Ι 8 9 don't know if these numbers are going to change 10 or how that's going to play out. So, that'll be interesting to watch as we progress through 11 this. 12 We talked a little bit about some of 13 the challenges. And clearly, geolocation and 14 payment processing have been issues in New 15 Jersey just like probably in every other 16 jurisdiction. 17 18 From the payment processor side, 19 primarily Rebecca talked about the 7995

20 designation for the FCC code versus the 9754.
21 9754 is a different code that MasterCard uses
22 which helps them get more percentage of
23 approvals through the credit card process.

24 But what's very interesting -- Let

me just talk about credit card processing and
 the real issue. The real issue are the issuing
 banks and how much risk they're willing to
 accept. So, they look at things like
 regulatory risk. They look financial risk.
 Those are the two key issues that they are
 dealing with.

8 Rebecca talked about for all of 9 these years 7995 is bad. You can't do it. And 10 the regulatory risk in some cases they're 11 scared they're going to face that from the 12 federal government.

So, what we have done is we've 13 worked with the Department of Banking, the 14 Office of the Controller of the Currency to 15 really talk to them about what's going on, the 16 problems we're dealing with, the fact that it 17 is legal in New Jersey. And we're hoping that 18 19 we get an advisory issued from those organizations within the next couple of months. 20 We're very hopeful that that will happen. So, 21 that will alleviate some of the regulatory 22 23 risk.

24 The financial risk, which is really,

really interesting is that if you look at --1 people talk about fraud being a problem and 2 things like that with Internet gaming. And 3 there's going to be problems financially with 4 5 those aspects of it. But if you look at 6 chargebacks as a measure of that risk, financial risk, the reality is that in New 7 Jersey we're running at around 20 basis points 8 9 which is tremendous. It's very, very good. 10 It's a very low level of financial risk especially when you compare it to online 11 retailers and the people like that who are 12 running at 50 to 100 basis points. So, from 13 the standpoint of financial risk, it's very 14 low. So, that information needs to get out. 15 It needs to get out to the banks. As that 16 17 does, I think you're going to see a higher rate 18 of approval.

We're already seeing 78 percent of the transactions from MasterCard getting through. We're seeing currently from Visa 44 percent. So, it's a lot better. It started at around 10 percent of those transactions were getting through. We're not at about 44

percent, which is very good. So, we're doing
 well.

Really there's two primary methods. 3 There's ACH transfers. I think Tim Richards 4 talked about that earlier in his presentation. 5 And there's credit card transactions. And now 6 the casinos are getting very creative with some 7 of the other payment methods. But they account 8 9 for very, very little when it comes to the 10 total number of patron deposits. Those are the kinds of things you're going to be dealing with 11 from the standpoint of payments. If you can't 12 fund your accounts, you can't game. 13

The other issue I'd like to talk a 14 little bit about is the geolocation issue. 15 Ι know Lindsay presented up here. And what's 16 17 very similar between us and Massachusetts is 18 the density of population, the number of people you have around your borders is very high. So, 19 if you have a large buffer, you exclude a lot 20 of people from being able to gamble. 21

It was very important to us that we
were able to get very close to the borders as
part of the geolocation process. And as we

were evaluating the different technologies that
 could be used, we became concerned that they
 could be defeated or circumvented each
 individual one individually.

5 And when we talked to the director 6 about some of the challenges there were, he 7 made it very clear to us, he made it clear that 8 he wanted not a reasonable assurance, he wanted 9 more than a reasonable assurance that this 10 geolocation process can't be defeated and that 11 it would work properly.

So, what we did is we issued an 12 advisory. Our regulations are very vague. 13 Ιt has to be effective. It has to make sure that 14 the people that are gambling are in the state 15 of New Jersey. But we had a team that 16 17 evaluated all of the technology and came out 18 with an advisory, a baseline if you will of 19 what we would expect.

20 And we challenged the industry to 21 come back and propose to us how they can meet 22 that standard. They didn't necessarily have to 23 do it the way we suggested you had to do it, 24 but they had to address the issues. And

Lindsay talked about some of the things that
 she does. And you asked her questions about
 anti-spoofing and things like that.

So, there are things that she didn't
talk about that are built into their system
that really raises the bar. It's very
difficult to circumvent those controls the way
they have them implemented. It gives us a very
high level of assurance that it's working.

And one of the -- I don't know if 10 it's a misrepresentation or a misnomer about 11 what's happening with regard to geolocation. 12 That geolocation is this is a big issue, it's 13 not. The reality is as Rebecca talked about is 14 there are some people that are just not going 15 to be able to gamble because they don't have 16 Wi-Fi for instance in their house. Or they're 17 in the Pine Barrens of New Jersey and we can't 18 geolocate them. So, there's going to be 19 instances that you are in New Jersey and you 20 just can't gamble. 21

But the data shows that 95 percent of the geolocations that come through of all geolocation tests are passing. The five

percent that are not passing, some of those are 1 from people outside the state of New Jersey. 2 Some of them are from we call false negatives 3 or false positive, people that are in New 4 Jersey but for environmental reasons or 5 technological reasons they can't be geolocated 6 to the satisfaction of the state. So, they 7 can't gamble. 8

9 I think part of that was a growing 10 process too, because these casinos are partnered with vendors. And they've been doing 11 business in Europe. And geolocation is not an 12 issue in Europe as it is in the United States 13 because they implemented from a national level 14 and we're implementing on a state-by-state 15 basis. So, we have to geolocate those borders. 16 17 Just educating the consumer when they're calling the helpdesk and telling them 18 you have remote desktop software on there and 19 this is the reason. How you treat your 20 customers when they dial-in helps alleviate a 21 lot of those concerns. 22

And there was an article today inthe paper that said New Jersey relaxed its
standards for the geolocation. And that's just 1 simply not true. We've never done that. So, 2 if you see that it's not true. I think things 3 are getting better. We're having a 95 percent 4 pass rate. And part of that is through 5 education. Part of that is people are starting 6 to understand the technology. So, it's 7 important to note that for all of you. 8

9 We'll just lastly talk about the 10 monitoring tools that we use in New Jersey. 11 So, it was very important to us that the data 12 could not be compromised. You're collecting a 13 whole bunch of data about everybody. There's a 14 couple of things we've done. This has been a 15 real challenge for us.

16 One of them was from the land-based 17 experience that we've had, we look at all of 18 the different casinos. And every casino 19 individually has their own slot monitoring 20 system whether it's SDS, IGT, ACS.

21 So, when our investigative staff 22 would go out and they'd have to do an 23 investigation and interrogate data or revenue 24 certification, people would go out in the

field, they had to learn individual systems.
 They had to understand the data structures of
 those systems in order to perform SQL queries
 and things like that.

5 So, with the Internet world what we did is we created what we call is an XML 6 schema. What we decided to do is to 7 standardize all of this data. So, we said this 8 9 is how we want it. This is the information we 10 want you guys to give us. This is the format we want it. And this is how we want you to do 11 it so that it's standardized. You don't have 12 to learn system to system to system. We just 13 have the data we need to interrogate and it's 14 15 available to us.

And we take SHA-1 signatures of that 16 data. And the casino has to maintain that. 17 18 And they transfer that data to us as well. So, 19 the casinos are really the ones responsible for the data storage. And SHA-1 is a digital 20 signature of the data that they've generated. 21 We have all of those digital 22 23 signatures locally in our system so that we 24 know that the data hasn't changed from the time

it was generated so that we can do our
 investigations. So, from a monitoring
 standpoint, the data issue is a very important
 one.

The other thing we're doing, and if 5 you come we've done tours for people. As they 6 come through our offices, we have these 7 monitors. And one of the things is our 8 9 geolocation monitor. And Lindsay showed you 10 these pin drops. And you see actively people getting geolocated in New Jersey. It's kind of 11 neat. You can see geographically where they 12 are. You see the red pins come in. And you 13 can click on that and say oh, this is the 14 reason this person didn't get through. He has 15 remote desktop processing software. 16 But we also use a tool called 17

18 Nagios. Nagios is an external monitoring tool.
19 And what we did with that is we've automated a
20 process where we remotely ping each individual
21 website, hey, are you there. So, we know when
22 the systems are up.

We're taking SHA-1 digitalsignatures of their terms and conditions the

player protection page. So, we know if they 1 ever change. We have high visibility remotely. 2 From an internal monitoring 3 perspective we have installed data collectors 4 or basically servers behind the firewall of 5 every casino. And we have insight. We can 6 monitor all of the Internet traffic that's 7 coming in the HTTP traffic, the VPN traffic 8 9 from the behind the firewall and behind 10 networks.

So, we can see everything, all of 11 the transactional data and what's happening 12 behind the firewall, where it's going. 13 Basically, it's an investigative tool. There's 14 certain transaction. You can see the volume of 15 the data. You can see how much data. You can 16 17 see data going from New Jersey out to Europe. 18 And it's an investigative tool. So, you find 19 out what is going on. Why is this happening? What you see is you get accustomed 20 to the normal transactions and then all of a 21 sudden something will pop up that's out of the 22 23 ordinary, which would spark an investigation. 24 So, from an external monitoring

standpoint, an internal monitoring standpoint
 we have a high-level of insight into what's
 going on in those regulated systems.

Then you have the lab. Everything 4 5 that can be used out in the field has to come to our lab. Our engineers and statisticians 6 know these systems inside and out. Everything 7 that comes in, any critical system, anything 8 9 that is revenue related, game outcome related, 10 anything that the systems do to comply with regulations would be considered critical 11 function. 12

13 All of that stuff has to come 14 through the lab has to be tested. We get a 15 digital signature of all of the stuff that 16 comes in. That's how we know what we've 17 approved in the lab is out in the field.

We are part of the change control process through something called release notes. We require the casinos, once something is approved that they have to notify the Division when they want to install it. We've gone and we've gone to every IT shop and we've analyzed the architecture, their network architecture.

We've sealed all of their game hardware with
 Division seals. And we've inventoried all of
 their systems with Division serial numbers so
 that we know exactly what's out in the field.
 If the seal is broken, there has to be a
 notification to us.

So, that's how we keep control of 7 the hardware that's out there. The release 8 9 notes and the software process, through the 10 release notes we have visibility into all of the changes and what is actually running out 11 there. They really can't do anything without 12 us having visibility into it. That's basically 13 it in a nutshell of how we regulate and what 14 we're doing from the standpoint of monitoring. 15 So, if you guys have any questions, 16 I'd be happy to answer them. 17 18 COMMISSIONER CAMERON: One quick question. Eric, you said there was a 23 19 percent increase; is that correct? 20 21 MR. WEISS: Correct. 22 COMMISSIONER CAMERON: Is that on 23 average? Are those individual facilities, is

24 there a decrease in the number of folks or the

1 revenue in the actual casino itself?

2 MR. WEISS: Right now, we're not seeing that. But like I said, this is early. 3 In the long run we hope and it's really 4 designed that you'll be able to market to new 5 people. You'll have new relationships. Start 6 a poker tournament online, finish it in 7 Atlantic City. 8 9 So, we hope to see positive 10 correlation, growth in Internet, growth in casino visitation in Atlantic City. Time will 11 tell whether that happens or not. 12 COMMISSIONER MCHUGH: Eric, you said 13 something about 70 percent of something was 14 casino games. And 30 percent of that was 15 poker. I missed what that was. 16 17 MR. WEISS: In New Jersey all forms 18 of casino games are authorized. We talked 19 about the regulatory model in New Jersey only casinos can use it. Only casinos can offer 20 Internet gaming kind of like the deal with Jim 21 Barbee, but we offer all forms of gaming like 22 23 Delaware does.

24

We also offer which no one has done

yet, is live casino games online in which we'd be streaming. And we've seen that in Europe where they've done that very effectively where you're playing with a live person spinning a roulette wheel. And our regulations authorize that.

7 So, the revenue associated with 8 casino games which would include roulette, 9 blackjack, craps and slot machines, so that's 10 casino games, 70 percent of all gross gaming 11 revenue is coming from those.

12 COMMISSIONER MCHUGH: And the other 13 thing I wanted to ask about is what is the 14 permitting scheme? If you have a casino 15 license, you can get permitted to run Internet 16 gaming, right?

MR. WEISS: Yes. 17 18 COMMISSIONER MCHUGH: Can you get 19 more than one permit? I read, I thought, things about the casino operators getting more 20 than one permit and then having --21 MR. WEISS: I think what you are 22 23 referring to is the Internet gaming platform. 24 So, a casino would only have one permit to

1 offer Internet gaming, a licensee.

2 Now how many Internet gaming platforms like 888 can be a platform provider 3 which provides the back office and things like 4 that. Then Bewin may also be a provider. So, 5 what we did was for the opening we limited the 6 7 number of platform providers that a licensee could hold. And we limited that to one. 8 9 COMMISSIONER MCHUGH: Thanks. 10 CHAIRMAN CROSBY: We're running over. I had a question, but I think maybe we 11 ought to move it along just because we're 12 running over a little bit. 13 MR. DAY: I think we're at break 14 time. Thank you very much. 15 16 17 (A recess was taken) 18 19 COMMISSIONER MCHUGH: One of the interesting and valuable things about this 20 industry, I think all of us on the Gaming 21 Commission have been learning is the 22 23 willingness of people from other jurisdictions 24 who have been through these things to come and

share their concerns and their information,
 their insights with us.

This afternoon, we're going to try 3 to pull together some of the things that we've 4 heard during the course of the day and try to 5 get some thoughts and opinions about policy and 6 the way forward, at least at a high level. 7 There are many aspects of this that we could 8 9 talk about. And I've selected several of them 10 that I'd like to talk about with this very distinguished and very balanced and varied 11 12 panel.

13 I'm not going to read all of their 14 biographies. They're distinguished each of 15 them. Their biographies are in the handouts 16 that you have. And if I read the biographies, 17 we'd have 10 minutes left for the program.

18 So, let me simply introduce them in 19 the order in which they are up here in front of 20 you. To my immediate right is Senator Jennifer 21 Flanagan from Leominster. She is the vice 22 chair of the committee on Ways and Means of the 23 Massachusetts Senate and has had a 24 distinguished career in that body.

Next to her is Senator Bruce Tarr 1 from Gloucester. He is the minority leader of 2 the Massachusetts Senate, has had an equally 3 distinguished career. They're both very 4 5 thoughtful people who have filed bills coming from slightly different directions dealing with 6 Internet gaming that I hope we can talk about a 7 little bit this afternoon. 8

9 Next to Senator Tarr is Stephen 10 Martino. He is the Director of the Maryland 11 State Lottery and Gaming Control Agency. He's 12 had a long career in the gaming industry, was 13 on the Kansas Lottery Control Board before 14 coming to Maryland and has got great 15 experience.

16 Next to him is Vernon Kirk, the 17 Director of the Delaware Lottery. We've heard 18 about Delaware and what it's just gone through. 19 I want to loop back and talk about some more 20 those things as we proceed.

21 Next to him is George Sweny, the 22 Senior Vice President of Charitable and iGaming 23 for the Ontario Lottery and Gaming Corporation. 24 We heard his presentation a minute ago. And

we'll loop back there too and get some
 additional information.

Next to his right is Chuck Bunnell.
He is the Chief of Staff for External and
Governmental Affairs for the Mohegan tribe,
involved with Mohegan Sun's activities and a
long career in this industry and in legislative
relations and liaison.

9 To his right is Kim Sinatra, the 10 Senior Vice President and General Counsel and 11 Secretary of Wynn Resorts. And has had a 12 career in various aspects of the legal end of 13 the entertainment industry, I think, is fair to 14 say on a broader scale.

Next to her is Tom Beauchamp. He's
the Senior Vice President of IT for Penn
National Gaming, our licensee since two weeks
ago.

19 Next to him is Marcus Prater who is 20 the Executive Director of the Association of 21 Gaming Equipment Manufacturers, a nonprofit 22 organization that represents the interests of 23 the gaming manufacturers, gaming equipment 24 manufacturers. 1 So, we're going to spend some time 2 talking about a series of questions that come 3 out of the discussion that we've been having 4 during the course of the day.

And then I'm going to ask at the end 5 for each of these distinguished panelists to 6 take just a minute to leave us with one big 7 thought. What is it that they'd like the 8 9 Commission to carry away from this gathering 10 with respect to Internet gaming? I think it'd be a shame if we let such a distinguished group 11 go away without getting that last nugget in. 12 So, that's the way we will end the program. 13 But to begin with, let's take a look 14

15 at what's going on right now. I'm going to ask 16 -- going on right now in the relationship 17 between the lottery, the brick-and-mortar 18 casinos, the Internet, where that relationship 19 exists and where parts of it exist without all 20 three legs of the stool.

21 And I'm going to start by asking 22 Stephen Martino, if I might, to tell us a 23 little bit about the relationship between the 24 brick-and-mortar casinos in Maryland, which are

growing by the moment and the lottery which --1 and I ask that question to begin with because 2 where they are despite a slightly different 3 regulatory mechanism, is where we will be when 4 5 the final license is issued. They've got a strong lottery. They 6 will have and do have a strong casino presence 7 as will we. So, Stephen could you give us some 8 9 thoughts about that? 10 MR. MARTINO: Sure. Thank you, Commissioner. It's always nice to be in 11 12 Boston. So, I bring a little bit different 13 perspective than maybe what you experience in 14 Massachusetts because in Maryland we are the 15 Lottery and Gaming Control Agency. So, we are 16 17 the owner, operator, marketer, chief encourager 18 of the traditional lottery, which in this state 19 is obviously operated by the Massachusetts 20 Lottery.

21 But we are also as part of our work, 22 the regulator of the commercial casino industry 23 that is growing. We have four casinos opened. 24 We'll have another one in downtown Baltimore

that will open in July or August, September
 sometime. Then we will have a sixth and final
 casino that will open in suburban Washington,
 DC sometime in 2016.

So, we are in some ways both 5 complementary and in conflict with ourselves. 6 We are encouraging people to play the lottery 7 while on the casino side we are strictly a 8 9 regulator. We are calling balls and strikes 10 and making sure that we have good clean operations in the state, which we do. 11 Obviously, you have the Internet 12 that has creeped into the discussion. 13 Obviously, with Internet operations now going 14 on in New Jersey and with our neighbor to the 15 east in Delaware, we are keeping a close eye on 16 that. We have tried to kind of parse out how 17 18 Internet operations could potentially look in Maryland. Obviously, we are subject to the 19 approval of the Legislature and perhaps even a 20 constitutional vote on that. So, it's not 21 imminent. 22

But we think it's important to mapout and encourage both of the participants, the

traditional lottery which we think would be appropriate to have a presence in the internet lottery sales and the casino operators. And they I would want to offer gaming like is done in Nevada and New Jersey and Delaware and make sure that everyone kind of knows what lane they're in.

So, in Maryland we have staked out 8 9 the notion, subject obviously again to approval 10 by the Legislature that the lottery itself would be the operator, marketer of a 11 traditional lottery sales platform on the 12 Internet, while we would work and be the 13 regulator of Internet gaming with an idea that 14 we would really want to focus the benefits of 15 that and the operations with the six 16 traditional commercial casino license holders, 17 18 the brick-and-mortar license holders in the 19 state.

20 We think that that's appropriate 21 given the fact that in some cases they will be 22 making close to a billion dollars' worth of 23 investment into their casino, brick-and-mortar 24 casino infrastructure in the state.

And that seems to have been 1 2 generally well received. Whether we go the New Jersey model and allow each casino to operate 3 their own platform, or whether the Legislature 4 might think it best to go more of a Delaware 5 route and have more a central operating system 6 and have each casino skin their own front but 7 be able to benefit from the marketing efforts 8 9 that they would put in, those are public policy 10 decisions that have not been contemplated, haven't been made. 11 But we clearly see a divergence 12 between the traditional lottery and the 13 commercial casino enterprise and think that 14 both can coexist. So, that's kind of where 15 16 we've mapped out initially in this new world of 17 the Internet. The lottery 18 COMMISSIONER MCHUGH: was there first, Stephen and then the casinos 19 What if any measures were taken to 20 came. preserve the lottery's space, if you will? 21 Observations have you made with respect to that 22 23 space and the casino space since the casinos 24 arrived?

MR. MARTINO: Well, I don't think 1 that much was done to preserve the lottery 2 space. We have started to see some 3 cannibalization of traditional lottery sales 4 because of the casinos. We opened two -- The 5 first two casinos that opened in the state were 6 modest. Penn National opened what ended up 7 being about an 1150 slot facility in Northeast 8 9 Maryland. Then there was an 800 slot facility 10 that opened on the Eastern shore close to Ocean City had no effect on traditional lottery 11 sales. 12

13 Then Maryland Live opens. It starts 14 with 4750 slot machines. That's been reduced, 15 but they now added table games. They now have 16 close to 140 table games, a 50-table poker 17 room. In the last fiscal year that ended June 18 30 of '13, our traditional lottery sales were 19 down about 2.5 percent.

20 We're down another about 2.1 percent 21 as of this week in traditional lottery. I 22 think that it was anticipated, maybe not to 23 that degree. We've actually put out some 24 consulting help to try to project what the

1 long-term impact is going to be to our

2 traditional lottery from the casinos.

We talked about this a little bit at 3 lunch, so I'm prepared, overall when you 4 5 combine the revenue that comes from the 6 traditional lottery an d from the casinos in fiscal year '13, we were up \$179 million from 7 the previous year, which was an increase of 8 9 27.6 percent. So, actual money coming into the 10 state is increasing. It's just obviously we're seeing a shift in where some of that 11 discretionary entertainment spending is being 12 done. 13 We're typically being affected in 14 our Keno. We have a very robust Keno 15 operation. We have the second-highest per 16

capita sales in the United States in our Keno 17 game. We're seeing some effects on our 18 19 scratch-off tickets. We know that those are the most casino like games that we offer. And 20 people are now able to easily access a very 21 large, very nice commercial casino where 22 23 frankly the payouts are higher and they're 24 voting with their dollars.

COMMISSIONER MCHUGH: Vernon Kirk, 1 2 you too have both of those. You have a lottery and you have casinos. You also have the 3 Internet. We've heard about that and I want to 4 come back and talk a little bit more about that 5 later. 6 And you have a different regulatory 7 structure as well. How do you see the 8 9 relationship between now the Internet, the 10 casinos and the lottery? MR. KIRK: There's a peaceful 11 coexistence between all three since the lottery 12 runs all three. So, everything we do we do in 13 conjunction with the casinos and starting with 14 15 the Internet. So, that was an effort that as 16 Rebecca mentioned earlier came out of the 17 18 Delaware Gaming Competitiveness Act of 2012. 19 And it was done in consultation with the casinos. And allowed them to have the portals 20 where you could access them. So, we think 21 everything is -- the coexistence between all 22 23 those genres are really good for us. 24 Our only problem is sitting next to

me on my left here, Director Martino and his 1 fantastic casinos. Our traditional products 2 are up eight percent. Our table games are down 3 30 percent. And our video lottery is down 4 about 12 percent. That's our biggest 5 competition right now is Maryland. 6 That's why we had the Gaming 7 Competitiveness Act was to try to fend these 8 9 things off. Every time we introduced 10 something, the surrounding states also jump in. We started with video lottery in '94. We added 11 sports betting in `09 through the casinos. 12 We added table games in '10 through the casinos. 13 We added Internet gaming in '12 through the 14 15 casinos. It's all tools in the toolbox to try 16 to compete with some of our more ambitious 17 18 neighbors, shall we say, including 19 Pennsylvania. COMMISSIONER MCHUGH: Friendly 20 competition we've brought here today. One 21 enters the online casinos through the lottery 22 23 portals, one can do that? 24 MR. KIRK: Through the casino

1 portal.

2 COMMISSIONER MCHUGH: But there's a link on the lottery page? 3 MR. KIRK: We operate the platform, 4 5 but you can't get on by going to delottery.com. You've got to go to one of our three casinos 6 and logon there to get on the Internet. We are 7 transparent. You can't see us in the 8 9 background. It says Delaware Park on the back 10 of the card but when the ace turns over, we control that. 11 COMMISSIONER MCHUGH: You host the 12 Internet sites but you do so transparently? 13 MR. KIRK: Correct. 14 COMMISSIONER MCHUGH: Marcus Prater 15 you have some statistics, very early, very 16 17 preliminary but some statistics nonetheless. 18 And I think they're in part of everybody's 19 packet, dealing with the symbiosis or lack thereof between Internet players and casino 20 players. 21 Could you touch on some of the 22 23 highlights of what those statistics show? And 24 maybe tell us a little bit how they were

1 compiled and when.

MR. PRATER: Sure. My background is 2 in marketing. I'm also an online consumer in 3 Nevada where when sports betting came to my 4 iPhone, it dramatically reduced the number of 5 6 visits I would make to my local casino every week. And I have been waiting to see how the 7 local casino operations respond to that and how 8 9 they cross market, cross promote the idea of 10 being able to bet on your phone, but also don't forget to come visit us at the casino. So, 11 that's been in my mind as New Jersey has rolled 12 13 out.

When I was in London for the iShow 14 15 in late January, Clarion Events which runs the 16 iShow, published a study through their commercial intelligence division. And it was 17 basically -- It's a survey of 506 active online 18 19 players in New Jersey. It's really the first study of some of the habits that have been 20 taking place in New Jersey. 21

Again, the full bullets are in your packet. But some of the highlights for me when I thought about the cannibalization issue were

35 percent of online players surveyed were new
 to online gaming in New Jersey since November
 2013 when gaming went live.

So, there was a lot of people 4 5 playing illegally, still are, but these 35 percent represented new players that had never 6 even dabbled in the online space. Thirty-eight 7 percent of those who previously played on 8 9 illegal sites had now migrated to approved 10 sites. So, that's certainly good news but still leaves a lot of room for the rest of the 11 players that are still playing. This survey 12 was of online players total not just the 13 approved sites but the illegal sites as well. 14 There's clear brand correlation 15 between land-based casinos and online brands 16 17 used by New Jersey players. I think we've seen 18 that in the results with the Borgata and 19 Caesars in particular. Ninety-seven percent of New Jersey online players also gamble in land-20 based casinos, but actually visited relatively 21 infrequently. Forty-eight percent visit a 22 23 casino a couple of times per year or less. 24 Twenty-nine percent visit at least monthly and

1 18 percent visit casinos only once per year.

So, it shows that these players are 2 not multiple visitors to the land-based and 3 then now they're staying home, playing online. 4 The other interesting thing, 5 certainly new online players are influenced by 6 promotions in general. And 35 percent are 7 influenced by promotions that can be redeemed 8 9 at the land-based casinos with hotel stays 10 being the most important promotional offer. Seventy-nine percent of online 11 players expect to visit land-based casino as 12 frequently as before or feel that they are now 13 more likely to visit. And then separately from 14 the study, in some of the quarterly reports, 15 the Borgata has noted that 85 percent of its 16 17 online players were not recently rated players 18 at the casino.

19 So, very early but the whole 20 cannibalization issue is one to keep an eye on. 21 So far, New Jersey I think they are trying 22 different marketing offers to get people to 23 come to the casinos and also sign up. And I 24 think that over time, the different offers when

1 the player start responding over more than just 2 a few months period, then we'll have a better 3 idea of what that is going to look like in the 4 future.

COMMISSIONER MCHUGH: What is the 5 big picture you take from this preliminary 6 recognizing that it is preliminary? 7 MR. PRATER: I think it's good news. 8 9 I have not obviously been able to play from 10 Nevada, but I did talk to several New Jersey players on the phone. And they frankly have 11 been a little disappointed in the amount of 12 marketing. Other than the sign-up bonuses and 13 so forth, they also expected that they would 14 get more marketing messages from the land-based 15 to come visit the property. 16

17 Again, using my sports book analogy 18 that when you logon and there's no offers that 19 entice you, the one guy I talked to said he has not visited a -- He lives in Fort Lee and he 20 has not visited either Bethlehem or Atlantic 21 City since the online went live. Part of the 22 23 reasons he cited was simply because they hadn't 24 made it attractive enough for him to get in the

1 car and drive.

2 So, I think the survey of the 3 players is good news in terms of the attitudes 4 and the idea of staying tied to the land-based 5 but I think that the land-based casinos have to 6 step up and keep trying new marketing offers to 7 see which ones the players respond to.

COMMISSIONER MCHUGH: Thank you, 8 9 Marcus. George Sweny, as I understood your 10 presentation here a few moments ago, you are about to roll out the PlayOLG as a unified 11 package of Internet offerings, all of which are 12 run by the corporation. And you presently have 13 four branded operators in destination casinos. 14

Do you anticipate an impact on them from what amounts to a new source of potential competition?

18 MR. SWENY: Jim, much like my 19 colleague Vern to my left, I don't think we're 20 going to see that kind of cannibalization. 21 What we'll be looking for down the road is 22 where we can leverage the synergies. So, OLG 23 does have four of its sites that are operated 24 by the private sector Caesars, Penn and FMC.

1 We also have 20 sites that OLG operates

2 themselves.

As I said earlier, we've got the lottery business, the casino business, soon to come the Internet business and the bingo business. And our challenge down the road will be how do we collect the synergies amongst all of them?

9 From what I have seen as I look 10 around the world either in the UK or our colleagues in British Columbia, Quebec and 11 Atlantic, Canada is we've not seen 12 cannibalization. As they've introduced various 13 forms of Internet gaming for instance on the 14 lottery side, there have been high level of 15 concerns with lottery retailers about 16 17 cannibalization. Hasn't happened. It's all 18 been incremental. And that would be consistent 19 from jurisdiction to jurisdiction that we've had a look at. 20

21 So, don't want to make arbitrary 22 decisions for our consumers. We want them to 23 be able to make choices. And we have to figure 24 out how to leverage the synergy between the

1 various channels.

2 COMMISSIONER MCHUGH: Is there a collaborative exercise, enterprise with the 3 destination casinos to deal with that? 4 MR. SWENY: Not at this point, but 5 in the bigger picture at OLG in this program 6 called modernization, we're actually going to 7 move more to the private sector model. And 8 9 we're going to outsource the operations of all 10 of our casinos.

So, as our thinking evolves in that 11 effort, we will be looking to - Again, you've 12 got to respect the criminal code. OLG must 13 conduct and manage, but white labeling sites 14 for casino operators in our pan is certainly 15 something that we are thinking hard about. And 16 17 again, figuring out what is that synergy 18 between the branded land-based casino and OLG's 19 Internet offering.

20 COMMISSIONER MCHUGH: Thanks. Tom 21 Beauchamp, you and I talked some time ago. And 22 your biography reveals what we talked about 23 that your background -- you spent a lengthy 24 time in general merchandising with some of the

1 biggest retailers in the country.

2	And you told me that you looked at
3	the development of the Internet today, Internet
4	gaming today the way you looked at the
5	development of E-commerce about 15 years ago.
6	And I wonder if you could offer some thoughts
7	on that as to the parallels you see with
8	respect to the development and then moving into
9	the future what you might anticipate.
10	MR. BEAUCHAMP: Thanks for saying it
11	was only 15 minutes ago. It's actually been
12	longer. First of all, I'd like to thank the
13	Commission for the vote of confidence in
14	awarding the license to Penn. We're very
15	excited to be here in Massachusetts.
16	I do view the Internet as another
17	channel as opposed to a replacement. To me
18	there's a number of different lines of
19	business. Our expertise is in the casino
20	business both slots as well as tables as well
21	as horseracing. And lottery is a different
22	line of business that we don't participate in.
23	We hope to become a retailer for the
24	Massachusetts Lottery.

But we found within our land-based 1 businesses and what we've seen with online is 2 you have very different customers. And it's 3 important to offer all of the different 4 channels of gaming. And there are different, 5 I'll say, business processes and rules. And I 6 think it's important to have specialists who go 7 after the different types of gaming. 8

9 In our environment, we feel very 10 good about casino operations, table games and 11 that's what we do well. We also know that as 12 we have opened up our loyalty program to multi-13 property that the most valuable customers are 14 the customers that visit us in more than one 15 property.

And I think we're going to find in what I'll call multichannel, which is again my background that customers that visit you online and come into your land-based property are worth much more than a customer that visits you in a single channel.

22 So, that's really our objective 23 would be for the lines of business that are 24 legal that we participate in those but both

1 online as well as off-line.

Probably the best example is a few 2 Amazons and Ebays that are out there but there 3 are many more of the traditional retailers that 4 embrace the Internet and are very successful. 5 Consumers expect to be able to find an online 6 and an off-line offering. We don't want to be 7 a Blockbuster. We don't want to be a Tower 8 9 Records. There's many examples where 10 traditional, I'll say, consumer-based businesses did not adapt to the Internet and 11 are now no longer here. 12 COMMISSIONER MCHUGH: You attribute 13 to their sort of dinosauric disappearance to 14 their failure to adopt rather than a business 15 16 model change? 17 MR. BEAUCHAMP: It's probably both, 18 but I think there's a lot of candle makers that 19 said the light bulb was never going to catch 20 on. 21 COMMISSIONER MCHUGH: Chuck Bunnell, from your standpoint, and not focusing 22 23 specifically on you necessarily, on Mohegan 24 Sun, but where do you see this Internet piece

fitting into things over say the next five 1 years? Where do you think this industry is 2 going to be insofar as brick-and-mortar and 3 Internet in five years? 4 MR. BUNNELL: Judge, thank you, 5 thank you members of the Commission for giving 6 us the opportunity to be here. 7 We've given it a lot of thought. 8 9 And I think pending the federal government 10 coming in and making a decision for all of us, which is something that we all need to continue 11 to watch because there are a lot of things that 12 are happening in Washington that would impact 13 all 50 of the states or at least 47 of them as 14 three have already made that step. 15 I would say as Stephen said, if the 16 17 player stay within their lane, that we can all I believe that if lotteries are 18 prosper. 19 offering subscription services and selling draw games on the Internet that they have the 20 opportunity to reach to a different generation 21 that they may be losing, and that they'll 22 23 prosper. I think that traditional commercial 24 operators that have the ability to market and

contact their existing customer base and
 potentially expand on that customer base
 through the Internet they will prosper.

4 I think where things get difficult 5 and it's really important that regulators and 6 legislators come together and help guide us as 7 operators to establish the boundaries and those 8 lanes in which we stay in.

9 I think with your guidance I think10 we can all prosper and be successful.

11 COMMISSIONER MCHUGH: Kim Sinatra, 12 let me ask you the same question. You look at 13 it as other operators do. Where do you see the 14 Internet, casino, lottery space in five years? 15 MS. SINATRA: I don't know. My 16 crystal ball is usually a little foggy, but I

17 will do my best.

18 It's interesting because I think 19 that this issue among all others has caused the 20 most divisiveness in our industry. Because as 21 you see even our trade association the AGA, 22 can't decide what its position is because there 23 are people who fall on both ends of the 24 spectrum.

There are people in our industry who 1 tell us we're going to be Blockbuster or Tower 2 Records tomorrow unless we adopt and go online 3 straightaway. There are others who say it's 4 5 not safe. We don't believe in it. It's immoral and we're going to stay away from it. 6 Our company and I'm going to make it 7 a little specific because that's what I know, 8 9 has wrestled with this issue for years and 10 years and years without a clear consensus, I must tell you. I think that what we do is 11 incredibly specialized. Ours is an 12 experiential luxury experience. 13 So, as Steve Wynn says, I can't 14 distinguish myself on a 17-inch screen. 15 Ι don't get it. So, from our perspective 16 creating tourism, providing hospitality and 17 luxury experience is sort of what we do. 18 19 There are people who believe very much in providing the experience and the 20 product on the Internet. I think that the 21 important thing to understand is the 22 23 segmentation. Who is your customer? Are the 24 same customers -- And that's the

cannibalization argument, right? Is the same
 customer who comes to a table games customer at
 Wynn the same person who you're trying to get
 at the lottery or at an online casino or at a
 slot machine in a local casino? And I think
 that a lot of people will say those customers
 are different.

In preparation for this panel, I 8 9 started pulling some of the academic research 10 about this issue. First of all, there's not very much in the US yet because the legalized 11 online business is so new. But there are some 12 things that people know from looking at the UK. 13 Is there substitution? There usually is. And 14 somebody said it earlier. Is there 15 16 substitution between the lottery and online, yes, there probably is some cannibalization 17 18 there.

19 Is the person who is online the same 20 guy who's going to the Borgata or not going to 21 the Borgata, probably not. The early returns 22 in New Jersey would tell you they're probably 23 not the same customer. We don't feel like 24 people substitute online for a Wynn experience
1 at this time and maybe ever.

24

So, I guess I'm going to jump ahead. 2 The cautionary part is go slow. You don't have 3 to eat the elephant all today. I think that a 4 lot of people are going to find out as the 5 smaller states like Nevada and New Jersey and 6 Delaware and Maryland wade into this territory, 7 you're going to learn a lot. What are the 8 effects upon the lottery? What are the effects 9 10 upon bricks-and-mortar. And considering sort of the different governing patterns that you 11 have here, some trends are going to emerge. 12 COMMISSIONER MCHUGH: As you look at 13 this and as you've summarized the look you've 14 taken, do I understand you to say that there is 15 a piece of this that may be casino specific or 16 website specific? I.e. if there is a 17 particular standout experience at a casino or 18 19 at a website that's going to matter more than some general trend might otherwise? 20 MS. SINATRA: We know that's true in 21 22 bricks-and-mortar. We know that you can drive 23 a premium in a premium facility. So, that we

know in bricks-and-mortar.

On the Internet, I think that the 1 2 jury is out. Usability is important. And the ease of processing payments is essential. So, 3 people are finding those real struggles in the 4 early days. Those are affecting people 5 6 uniformly. So, we haven't even gotten to the place where can you distinguish between World 7 Series of Poker and someone else's poker. 8

9 They are different and the animators 10 will tell you they're different. And you would think that a discerning customer can tell. But 11 it feels like ease-of-use on Internet 12 invocability and convenience are the things 13 that people care about. We're not so sure that 14 they distinguish between what color the felt 15 16 is.

COMMISSIONER MCHUGH: One of the 17 things we talked about this morning at some 18 length was social gaming. And want to spend 19 just a second or two talking about that. Under 20 the general framework of where that is going to 21 go over the next five years and how will its 22 23 trajectory affect the Internet and traditional 24 casinos and lotteries?

Stephen Martino, I'm going to come 1 back to you, if I might, to give us an insight 2 on your thoughts on that. There is free play 3 on at least one Maryland casino now. We heard 4 this morning about free play. We heard about 5 6 freemiums. You start off free and then you buy and pay actual money for more. And we heard 7 about -- I guess that's the second line. 8 9 Where do you see that piece -- And 10 we've also seen we heard this morning about significant monetary revenues coming in to 11 people from the paid social gaming. What if 12 any thoughts do you have about where that's 13 going to go over the next few years? 14 MR. MARTINO: You're right. 15 Maryland Live, Maryland's largest casino is 16 17 operating through its Aristocrat player tracking system a free online play system, 18 19 which they say has been wildly successful in helping them market and promote their casino. 20 It's not freemium. You don't start free and go 21 22 to premium. 23 There is no consideration. You just

go on. You play. You don't win anything.

We

24

don't allow the accumulation of any kind of
 player reward points. It's just a way for them
 to brand their casino, extend their reach.

I hear when I go to conferences like 4 5 this, industry conferences I hear a lot about regulation of social gaming. I can tell you in 6 the incredible number of things that the 7 Maryland Legislature has asked this agency to 8 9 do over the past five years, never once has 10 anyone even remotely brought up the notion of regulating social gaming. 11

I don't know that at a state public not policymaker level that it's on anyone's mind. That doesn't mean that it's not important. Ultimately, we have to stay in our lane as an agency, as a regulatory authority. And we don't have any in that area.

18 Clearly, our casinos don't have the 19 ability to go to Internet gaming. So, right 20 now even if they wanted to they couldn't 21 transition. Maryland Live couldn't transition 22 their Internet site to some kind of pay to 23 play. So, to get into the area of the Candy 24 Crush and the Farmville and the poker which Keith Whyte was talking about in his
 presentation today, I think that's going to be
 a much deeper conversation.

You're going to start bringing the 4 5 Facebooks of the world, the platforms where these are at. I don't know. It's a legal 6 issue probably. I'm certainly not acquainted 7 with it at this point in time. I'm not even 8 9 sure that we've got the legal authority on a 10 state level to do that nor as near as I can tell there's certainly no interest at least in 11 the state of Maryland right now to going into 12 13 that area.

14 COMMISSIONER MCHUGH: Vernon Kirk, 15 one use of it is as a stalking horse for the 16 full version of online gaming, that's the use 17 of it that you put, do you see the use of that 18 continuing? Do you see any other uses of that 19 continuing over the next five years? Are there 20 other uses that would be helpful?

21 MR. KIRK: First, let me say I agree 22 with Steve. Delaware has not been asked these 23 questions either as far as regulatory for 24 promotional or free play. And I think there's

a distinction that Delaware did use IGT's 1 2 Double Down for about one month prior to going live with our games. Again, as a player 3 acquisition and just do player education to get 4 people more associated with gaming online. 5 Once we went live, we took the 6 Double Down sites down. But they were very 7 There's at least one proposal out popular. 8 9 there now from one of our casinos to put back 10 up a different free play site which they think can help them market to their play for pay. 11 I think the distinction, and Stephen 12 kind of touched on it right at the end is 13 between when you talk about social gaming, to 14 me that pushes aside the free play casino style 15 things and brings more into the Facebook crowd 16 17 that are playing against each other in a lot of 18 the games you've seen on TV, those types of 19 games.

I personally think from the lottery, not necessarily online or a casino perspective, but from the lottery perspective, I think those types of games are the future. That's where your new customer base is going to come from,

whether it's translated via an instant ticket
 maybe or something like that.

But it's going to be something where 3 right now you have tournaments for Warcraft or 4 These are going to be converted at some 5 Halo. point in time, I'm convinced, into some sort of 6 a revenue producing. You're going to operate 7 tournaments for profit to play against your 8 9 friends in Family Feud or something like that 10 where somebody is hosting it for some sort of 11 monetary.

12 There's prize consideration and 13 chance that has to be involved to make that 14 happen. And I don't know how it's going to 15 happen or whether it's going to be in that 16 format. But I believe in X number of years, 17 three years, five years or whatever that's 18 really the next horizon.

19 COMMISSIONER MCHUGH: Do you see 20 that -- You said one of the magic words there. 21 Do you see that as an environment where chance 22 determines the outcome or where skill or is it 23 going to be ambiguous in your view?

24 MR. KIRK: I think it's going to be

ambiguous. There are games now, there are some 1 video games now that require a certain amount 2 of skill. I think that line is going to get 3 blurred. I really do. 4 5 COMMISSIONER MCHUGH: Chuck? MR. BUNNELL: I just might direct 6 the Commission and your staff, it's been an 7 issue of great debate in California as they 8 evaluate the potential legalization of Internet 9 10 gaming there. They've had hearings on the definition of social gaming dealing with a lot 11 of the questions that you are raising, Judge. 12 There is actually a record in California on the 13 subject matter. 14 COMMISSIONER MCHUGH: We certainly 15 need to keep our eye on that because some of 16 the numbers involved in some of the articles 17 I've read are enormous. 18 George Sweny, do you see any role 19 for social game or free play gaming as the 20 stalking horse for your rollout that's going to 21 22 come? 23 MR. SWENY: I do. Much like Vern 24 has said, I don't know exactly where it's going

to go, but as we watch companies like Facebook monetize their games. So, they're in the bingo business now in a pay to play way. That's kind of a step in that direction. You can just see the potential convergence of the games, the demographics and the gaming side merging together.

So, we don't have a mandate for it 8 9 today. We're watching it carefully. We talked 10 to our colleagues at IGT about Double Down and where they're going with it and why they're 11 going there. So, we're in full open eyes, open 12 ears, listening hard and we'll figure out where 13 it's going and whether or not we'll leverage it 14 in the future. 15

16 COMMISSIONER MCHUGH: Let me shift 17 gears slightly now because we started out 18 talking about the three legs of the stool, if 19 you will, the Internet, the lottery and 20 casinos. And I want to spend a second thinking 21 about whether or not they should have separate 22 spheres of exclusivity.

23 Senator Flanagan, you introduced a24 bill that would authorize the conduct of online

lotteries. And in connection with introduction
 of that bill, did you think about this three legged stool issue? And if so, what if any
 conclusions did you come to?

5 SENATOR FLANAGAN: I think back in 6 2012 when the Internet Gaming Task Force was 7 formed under Treasurer Grossman, we began to 8 look strictly at the lottery products which 9 would be the lottery games. Because at that 10 point we weren't sure what was going forward 11 with the casinos.

So, I think in Massachusetts because 12 we are so early in the expanded gaming phase, 13 we don't even have our casinos built yet. We 14 wanted to tread very lightly. So, the 15 legislation that I filed which came from the 16 task force recommendations was to allow the 17 18 lottery to look into the possibility of it. 19 There is no money even attached to this to go out and get consultants or to utilize 20 consultants. 21 22 So, it was truly the lottery

23 products because at that point the lottery has 24 full control over it. It was filed also as a

conversation starter. Because where are we 1 2 going to go in Massachusetts and how are we going to proceed, given the fact that the 3 lottery does not oversee expanded gaming or the 4 casinos or the slot parlor in Massachusetts. 5 COMMISSIONER MCHUGH: Has you're 6 thinking evolved at all since that bill was 7 filed? 8 9 SENATOR FLANAGAN: It certainly has. 10 I think as we progress with the expanded gaming in Massachusetts, we certainly need to look at 11 how it's going to affect casinos once they are 12 built. It's going to affect the slot parlor. 13

14 And how it's going to affect just players in 15 general.

16 Certainly, there's a concern when we 17 talk about Internet gaming. With my 18 constituency you hear people say my families 19 are going to go broke. All of a sudden they're 20 just going to be able to use credit cards or 21 debit cards. And that's not what this is 22 intended for.

We have small businesses that areconcerned. The convenient stores, they won't

get the residual sales from people coming in to
 buy a couple of scratch tickets or the Mass.
 number.

So, I think it's evolving. I'm not 4 too sure that we have a final product because I 5 think it has to evolve as we move forward with 6 the casino process in Massachusetts. And once 7 we know where everything is sited. And we also 8 9 need to think -- We also need to give the 10 casinos room to breathe. We just did expanded gaming in Massachusetts. There is a thing as 11 too much too soon. 12

13 So, we need to certainly look at how 14 much we're going to put forward in front of the 15 players in Massachusetts but keep in the back 16 of our mines that there are three states that 17 have looked at this. There are states looking 18 at moving forward. So, it's evolving.

19 COMMISSIONER MCHUGH: Let me ask you 20 Senator Tarr, if I might, a similar question. 21 You too introduced a bill to allow Internet 22 gaming. Part of that bill said that the 23 authorization, if the bill were enacted, would 24 not include anything that simulated or

resembled a slot machine or was in conflict 1 with a game that was run by the state lottery. 2 Could you expand on your thinking behind that? 3 SENATOR TARR: I sure could. And I 4 5 think it's important to understand first of all, that from my perspective we are talking 6 about a situation of inevitability. This kind 7 of gaming is occurring throughout the world. 8 9 It's occurring even by players in Massachusetts 10 with folks that are unlicensed and unregulated in many respects. So, this is a situation 11 where we have to closely examine our model for 12 gaming and to say is it capturing all of the 13 potential that it should be capturing. 14

15 So, when we talk about trying to 16 develop that model even further, we've already 17 seen that in Massachusetts. We've seen it over 18 the last several decades. We've seen Keno. 19 We've seen lottery products. Now we've seen 20 casinos.

21 So, as we evolve that model, one of 22 the questions is how do the pieces fit 23 together. Certainly, to have Internet gaming 24 to capture dollars that we aren't currently

capturing, and I think we've already heard 1 comments about that today, makes sense. But to 2 do something that would so closely and so 3 directly would compete with an existing product 4 5 doesn't make sense at the present time. There's also another issue with 6 regard to the slot machine activity and that is 7 that in the Internet format, it might be too 8 9 susceptible to someone developing an addiction 10 or developing an overuse relative to the availability of the necessity of skill with 11 regard to playing that particular game. 12 So, there are a number of reasons 13 why we chose in our bill at this point to 14 exclude that particular modality. 15 COMMISSIONER MCHUGH: And the 16 17 exclusion was not to give it to somebody else 18 but to exclude it period. 19 SENATOR TARR: Correct. COMMISSIONER MCHUGH: One of the 20 things that everybody needs to think about is 21 what the most helpful legislative role is. 22 23 We've got situations in which the 24 states -- and the default modality is that the

states regulate this area. We've got some 1 federal bills that have been introduced. 2 The Reid-Kyle bill being one and there are others 3 that are in play now. Then there is some 4 5 effort, some sustained effort to prohibit the entire thing from start to finish. 6 Senator Tarr, do you have any view 7 as to the role of the state and federal 8 9 Legislatures in this space at a very high level 10 and without committing you to any permanent 11 position? SENATOR TARR: First of all, I want 12 to let you know that I've been lobbying Senator 13 Flanagan for my bill while we've been sitting 14 15 up here. It's not even referenced at the 16 17 table, and that is I think the most important 18 role of the federal government right now is to 19 provide some clarity on the issue. There is certainly folks trying to explore all of the 20 different contours of the existing laws and 21 that's before we get into the laws that might 22

23 be proposed in the area.

24 It seems to me that the states are

already engaged in gaming. The vast majority
 of the states are engaged in gaming. And it
 should be allowed to continue within the rules
 that they can establish.

5 And it seems to me that the federal 6 government would be well served by looking at 7 what the states have developed and try to do 8 something that harmonizes with them rather than 9 something that necessarily preempts or 10 conflicts with them.

That being said, it's important for 11 the states, I think, to try to develop a 12 regulatory rubric here as guickly as possible. 13 Because again, this isn't a situation where 14 this activity isn't occurring because we don't 15 regulate it. Quite the opposite, this is a 16 17 situation that is occurring in many cases and 18 we don't regulate it.

19 So, it seems to me that in many ways 20 the federal government now trying to do 21 something that is preemptive would be swimming 22 against the tide and it would be somewhat in 23 the nature of prohibition, to be honest. So, 24 it seems to me that we have to figure out the

right way to approach this. And to infringe on
 a states' rights I think would beg a conflict
 that isn't necessary or productive in the field
 of law that we're talking about.

5 COMMISSIONER MCHUGH: Senator Flanagan, do you have thoughts in this area? 6 SENATOR FLANAGAN: I think Senator 7 Tarr is right in that fact that we need to work 8 9 together to do this. Certainly, we are moving 10 towards more gaming in our states. People are looking at dollars that aren't being captured. 11 Here in Massachusetts, we have a very 12 successful lottery. And we need to preserve 13 that. And also figure out how we can expand 14 gaming. 15

So, if the feds and the state 16 17 Legislatures or governments do not work together, there's going to be a lot of 18 19 unnecessary conflict and it may set us back. So, it's important that we do work together so 20 that we can move forward productively. And we 21 know that we're moving forward, we just have to 22 23 figure out a way to do it.

24 COMMISSIONER MCHUGH: Stephen

Martino, do you have some thoughts on this 1 2 topic from the regulator's standpoint? You're closely involved with the day-to-day 3 regulation. You've been regulating it for 4 years. And now you see these issues arising. 5 MR. MARTINO: In particular, being 6 in Maryland and so close to Washington we've 7 been involved in those discussions as well. 8 9 Probably unlike just about every lottery, we 10 staked out a position several years ago that said that we would have been okay with some 11 federal involvement in this. Obviously, 12 depending on what that federal involvement was. 13 In particular, the Reid-Kyle bill is 14 not something we could be supportive of because 15 of how limiting it was. Obviously, it was just 16 poker only. But also it was really mandating 17 18 to states who the participants could be in the 19 jurisdiction. It does seem very heavily weighted towards Nevada. 20 I think in general, we think that 21

22 each state should adopt its own sensibility on 23 this issue. Nevada, New Jersey, Delaware have. 24 They've passed legislation allowing for

1 Internet gaming. Georgia and Illinois,

Minnesota, North Carolina through subscriptions are al selling lottery products. Michigan and Kentucky say that they'll be selling Internet lottery products by the end of this year. So, I think ultimately each state can make its own decision.

8 Maryland hasn't reached that point 9 yet. But when public policymakers decide that 10 it's in the best interest of the state to do 11 so, then it will. As Senator said before, it's 12 inevitable.

At some point in time, each state is probably, if they have an inclination towards gaming, is probably going to adopt this because they are going to be looking to capture revenue that's lost. Frankly, every state continues to need revenue.

19 COMMISSIONER MCHUGH: Marcus Prater 20 from the equipment manufacturer's standpoint, 21 does it make any difference what model is 22 adopted?

MR. PRATER: Well, it does in thatwe are at the mercy of our customers who are

right now the majority of them are the bricks and-mortar casino operators. So, we typically
 align with what the operators want going
 forward.

5 And then our individual members are 6 also in the Internet space with the Bally and 7 the IGT and all the others creating not only 8 the engines that drive Internet gaming but the 9 content and ultimately the marketing and the 10 systems behind it.

So, we definitely have a vested 11 interest in this. I would say I agree with 12 Senator Tarr that in a perfect world having 13 some level of federal oversight or framework or 14 clarity would be a wonderful thing. I'm not 15 sure we're going to get there anytime soon but 16 17 then yes, it becomes a state's issue. We would 18 like this thing to roll out and be very orderly 19 and it's just not going that way.

I think we also have to be aware of what's happening with the potential of a federal ban that's a real threat that will affect, as Chuck said, 47 of the 50 states if it goes through. So, there's probably not a

whole lot we can do about it other than what 1 we've been doing collectively. And that's 2 sharing information and working through the AGA 3 and other sources. I guess time will tell 4 5 where it all ends up. COMMISSIONER MCHUGH: Another 6 offshoot of the state regulated model is the 7 multistate agreement model underneath the broad 8 9 form of individual state regulation. That is 10 something you just entered into, Vernon. Could you explain how that is working and what it was 11 that lead you to do it. And whether that gives 12 you some insights and some base for favoring 13 one or the other of these models that's in 14 play? 15 That's a big question, but you can 16 17 take any piece of it you'd like. 18 MR. KIRK: Basically, the agreement 19 between Delaware and Nevada was a legal framework to share poker liquidity. It's yet 20 to be determined exactly how that is going to 21 be accomplished or with whom for that matter. 22 23 There are several casinos in Nevada 24 offering online gaming. Of course, all three

casinos in Delaware will be participating when
 and if we get to that stage.

But I think the most important part 3 of this is it was designed to have enough 4 foresight to be able to include other states as 5 they come around. As Steve was saying, when 6 and if the states pass their own legislation, 7 this agreement has made it very easy for other 8 9 states to come into this agreement. So, it 10 should expand pretty quickly when and if other states get there. 11

How it's going to work, it's still 12 pretty unclear. The premise of course is 13 always revenue. That's the big 800-pound 14 gorilla in the room. But frankly, the indirect 15 reasons are more important they end up 16 producing the revenue. That is giving your 17 players the most positive or entertaining 18 19 playing experience.

20 It was mentioned earlier today about 21 this happens by being able to go to a poker 22 room and find the game of your choice at the 23 stakes of your choice at the hour of your 24 choice. Maybe you're a shift worker and you can only play at three in the morning or
 something.

In Delaware, I can tell you with 3 some degree of certainty you will not find a 4 5 game of poker online at three in the morning 6 but maybe with Nevada you will or Nevada and another state or another state. So, it's about 7 enhancing the player experience. They will 8 9 And if they don't find their game, they come. 10 might leave or they might just play a little bit and go. But if they find their game, they 11 might play longer. That's how it generates 12 13 revenue.

Then who knows what's around the 14 corner? It's so new that right now it's poker 15 with Nevada. If we agree with another state 16 17 and it includes table games, then maybe you 18 come and play blackjack at a Delaware table. 19 Or a Delaware player goes and plays a slot machine at an undisclosed state's table. We 20 just don't know how it's going to end up, but 21 we laid the groundwork. So, we'll see what 22 23 happens now.

24

COMMISSIONER MCHUGH: Is the

Powerball model something that is a useful
 model?

3 MR. KIRK: It is. It is called the 4 multistate agreement. Powerball is operated by 5 the Multistate Lottery Association. To say we 6 borrowed liberally from that agreement might be 7 an understatement. But it does have a really 8 good infrastructure and one that we can utilize 9 with some reasonable modifications.

As a matter of fact, we consulted 10 with the Multistate Association about the 11 structure of their agreement, our agreement and 12 Delaware's and Nevada's agreement. That's one 13 of the areas when people talk about a federal 14 law for consistency and stuff, there is no 15 16 federal law that governs Powerball or Mega 17 Millions. And they're operated by a wide variety of states and quite well, I might add. 18 19 So, there's a difference of opinion in that arena, I think. 20

21 COMMISSIONER MCHUGH: Do the 22 operators have any preference? I know you'd be 23 delighted to operate with whatever regulator is 24 there. But Kim Sinatra?

MS. SINATRA: I think you have to 1 2 look at -- That compact was sort of necessity because as Vern alluded to, the liquidity, 3 poker is all about liquidity. How many people 4 are playing at what time, at what level. 5 Both Delaware and Nevada are pretty 6 puny on liquidity. So, they needed to sort of 7 expand the base to have any sort of viability 8 9 to the business at all. California could do 10 poker on its own, right, because there are enough people there. So, the desires of the 11 states are going to differ. 12 There is a huge divide between 13 people believing that poker only is the 14 solution versus casino games. The liquidity 15 issue isn't the same really with casino games. 16 17 COMMISSIONER MCHUGH: You mean poker only for the Internet? 18 MS. SINATRA: Yes, I'm talking only 19 Internet at this point. So, I think that there 20 is very much that's undecided and up in the 21 air. And drawing really broad conclusions at 22 23 this stage of the operation of the business is 24 premature.

I I thought it was kind of interesting that people were not wanting to talk very much about revenue and real potential because the prognosticators have been out there for years talking about billions and billions of dollars you're going to make in online gaming on the Internet.

8 The early returns have not been 9 good. A lot of it has to do with the practical 10 realities of how do you get the money to flow. 11 The payment solutions have been very, very 12 tough and very slow to go. So, very slowly, 13 bank by bank, inch by inch people are making 14 some progress on that.

But the idea that's there just truckloads of money that are going by that you should be scared that you're missing I think is probably not the way I'd look at it.

19 COMMISSIONER MCHUGH: Chuck?
20 MR. BUNNELL: I think it very much
21 depends on what games you're willing to offer.
22 As the other panelists have said, liquidity
23 really only matters for a very limited number
24 of games like poker. For the other games, it's

not required. So, you don't need a multistate
 compact.

3 Then again you have to weigh what 4 games you as a jurisdiction want to put in 5 everyone's home. And that's a very serious 6 policy question that you as a regulatory body 7 and legislators will sit down and discuss. 8 There's a lot to weigh. 9 COMMISSIONER MCHUGH: Tom, did you

want to weigh in on this? 10 MR. BEAUCHAMP: I would. 11 We are currently operating in 19 different states 12 today. Each one has its nuances. 13 While I think the federal government, the premise would 14 be an overlying consistency, I think undoing 15 many of the things that are unique state-by-16 state would make that a very difficult 17 18 proposition.

19 It would be very helpful if we knew 20 exactly what the rules were and if the threat 21 of a ban was off the table. But beyond that, 22 we are not proponents of federal legislation. 23 At this point, I think it is much better to 24 deal with it at the state level. And there are

very different priorities across the individual
 states.

The other thing from my perspective 3 would be very helpful is the right pace. And 4 to me the right pace is to go slowly. There is 5 a lot of changes that have occurred. We've 6 been looking at Internet gaming very seriously 7 for about three years now, and have made 8 9 literally no investments other than continuing 10 to watch the market. And the reason that's the case is 11 it's changing constantly. And I think as we're 12 seeing, and Kim had mentioned, it's going to 13

14 start slowly. There's going to be a lot of 15 learning. And quite honestly, it's very good 16 to start in some of the smaller markets where 17 the investments can be a little smaller and we 18 can just as much from it.

19 The only thing I would encourage is 20 as we move forward, in particular in 21 Massachusetts that we take it at a reasonable 22 pace. And you'll have to define what 23 reasonable is for you. But from a Penn 24 perspective starting with the casino side in a

traditional land-based market is a great place
 to start.

And then you've got a great lottery that may be a good model to start with as well. But to go full-blown on all types of gaming very quickly I think would be very difficult to implement consistently.

8 CHAIRMAN CROSBY: Are you going to9 bring us in?

10 COMMISSIONER MCHUGH: Now is a good 11 time because I was going to take one more 12 topic. Actually, let me take one more topic 13 and then I'll bring you in. And then I'm going 14 to ask these thoughtful people for their final 15 word.

But I don't want to leave this 16 17 discussion without a focus on responsible 18 gaming, which we heard about this morning. 19 George Sweny, you said that responsible gaming was baked into your model. And we saw that. 20 Did you do things differently on the Internet, 21 are you planning to do things differently on 22 23 the Internet than you are in principle at least 24 in the brick-and-mortar casinos?

MR. SWENY: Actually, I would say 1 2 our approach is going to be to take a very consistent approach to RG across all of our 3 lines of business. You will have different 4 5 tools for different parts of the business. In the casino world, we have 6 developed biometric facial recognition. And 7 that is proving to be an incredibly effective 8 9 way to keep self-excluded patrons out of our 10 casinos much more effective. And we've got 16,000 of them in the province of Ontario than 11 the system we had in place before. 12 So, we are going to take I would say 13 a common philosophy across all of the lines of 14 15 business, but we will use effective tools where we can use them. 16 17 So, the Internet piece and I 18 explained some of the tools that we've got in there. We committed to a gold standard. We've 19 committed to a gold standard across all lines 20 of business. 21 We see our RG as really a 22 23 competitive advantage to us in the long run. 24 We don't want problem gamblers in any part of

our business. We would much rather have a very
 broad base of players that's a sustainable base
 of players spending less money than a few
 players playing a lot of dollars.

5 And it's critical to the future of 6 our business. That would be what I would call 7 one of our Achilles' heels if we do not address 8 the responsible gambling file appropriately.

9 COMMISSIONER MCHUGH: Stephen 10 Martino, you are the chair of the responsible gaming committee of the National Association of 11 State and Provincial Lotteries. Has that 12 group focused on any Internet specific 13 responsible gaming issues as of this point? 14 MR. MARTINO: Not on the Internet. 15 We have really been focused on lottery related 16 17 issues. The committee had not particularly 18 active until the last couple of years. So, we've made significant progress and working 19 collaboratively with the National Center for 20 Problem Gambling on some issues. 21

Obviously, in Maryland, we don't
have Internet gaming or Internet lottery. But
I would expect that when we do, we would make

sure that we have robust responsible gambling awareness and problem gambling treatment. We already have a very effective, I think, problem gambling treatment awareness framework in the state of Maryland that is funded by the brickand-mortar casinos.

We charge \$425 per year per slot
machine on the floor, \$500 for a table game.
That money goes to the Center for Excellence
that was created by the state Department of
Health and Mental Hygiene that's housed at the
University of Maryland School of Medicine.

I think if we add Internet to the portfolio then we'll adapt accordingly and make sure that there's awareness and treatment for those who choose to play on the Internet.

17 COMMISSIONER MCHUGH: Senator Tarr, 18 among your many accomplishments is your 19 master's in mental health -- I'm sorry, Senator Flanagan, among your many accomplishments is 20 your master's in mental health counseling. 21 This must be an issue that you have given some 22 23 thought to. Could you share those thoughts 24 with us please?

SENATOR FLANAGAN: Even when we 1 2 filed the gaming bill a couple of years ago, before it passed the Legislature, one of the 3 biggest components that I was concerned with 4 was problem gamblers. And not only because it 5 affects your business, but because it affects 6 our entire Commonwealth. And it affects 7 families, which in turn really comes to the 8 9 heart of the economy of our state. Is that we 10 want to make sure people are playing responsibly. And if we see that there are 11 problems then we can intervene. 12 Obviously, right now, what's in the 13 14 front of everyone's mind is drug addiction and how that affects family. Well, gaming 15 addiction is similar in the fact that it's not 16 17 deadly but it brings you into just despair as

18 any kind of addiction would.

19 So, as we look at the addictive 20 personality and we look at players who may be 21 addicted to gaming, and it's not necessarily a 22 land-based facility. There's people who can 23 walk into a casino and not play a slot machine 24 but give them any Red Sox or Patriots game and

they're betting illegally or legally depending
 on where they are.

So, we recognize the fact that this 3 encompasses all areas of gaming. And we want 4 to make sure that any and all actions that we 5 take as a Commonwealth we keep that in mind. 6 And I think Massachusetts has a really great 7 organization to deal with compulsive gambling 8 9 and to deal with addiction. So, we work with 10 them to ensure that we're paying close attention to this. 11 And as we move to the Internet 12 phase, it's really going to get concerning 13 because you're not in that place wherever they 14 are. You're not on that Smartphone. You're 15 not on that computer or that iPad. So, that's 16 17 really where we're going to have to rely on the 18 industry, which we're happy with the fact that 19 the provisions that are put in place now for land-based casinos is that people can sort of 20 be swiped out of a casino and you can never 21 22 really utilize your cards there again. 23 We are going to rely on that for

Internet base. And I think that's where the

24

gold standard is really going to help us move 1 forward in this conversation. Because at a 2 time when people are still looking for jobs and 3 people are still trying to keep the jobs that 4 they have and keep their families sort of above 5 par and not be homeless and not have all of the 6 economic problems, this could be a trigger for 7 some. 8

9 So, while we can't save everyone 10 from themselves, we have to do what we can to save the Commonwealth and the people in the 11 Commonwealth from going down that road. 12 Thank you. I COMMISSIONER MCHUGH: 13 apologize for that slip. I made it because I 14 meant to say that Senator Tarr told me in 15 advance he'd have to leave early. So, that's 16 why he left. 17

18 Thank you very much, Senator
19 Flanagan. Now before I ask each of these folks
20 for a last thought, if there are questions,
21 let's have them.
22 CHAIRMAN CROSBY: There seems sort
23 of consensus to the extent we can estimate that

these three pillars can coexist with probably

24

relatively minimal cannibalization as long as
 everybody stays in their own lanes.

And somebody, Tom maybe said what 3 are those lanes. I'm interested, particularly 4 you who are supervising all of them, is it 5 pretty clear in your mind or in anybody's mind 6 that you can make a clear distinction between 7 online lottery games and online casino games? 8 9 Are those lines clear enough that in an 10 environment where you might have two different regulators as we might in Massachusetts where 11 you can draw those lines? 12 MR. KIRK: I think the answer is 13 yes. The only blurring areas if you try to do 14 electronic instant tickets online. Otherwise, 15 if you're selling a Powerball ticket or a Mega 16 Millions ticket off the lottery website, I 17 18 don't think it really equates to the casino

19 experience.

20 But there is some talk of doing 21 electronic instant tickets online. And that 22 could blur the line a little bit. But I'm 23 still not quite sure that it's not a different 24 customer.
MR. BUNNELL: We in the industry are 1 waiting to see. Minnesota has just in the last 2 few weeks put scratch tickets online. Those of 3 us, the commercial operators are a bit 4 concerned that three pineapples or three bells 5 in a scratch ticket that you instantly push 6 looks a lot like a slot machine. 7 CHAIRMAN CROSBY: Right. Are you in 8 9 Minnesota? 10 MR. BUNNELL: We are not, but we're watching each state. 11 COMMISSIONER MCHUGH: George? 12 MR. SWENY: I think the comment is 13 fair that some of the electronic instant 14 tickets could start to blur the lines. That 15 really is going to be determined by the payouts 16 17 and the pay structures that you put against 18 them. 19 Our lottery base is a much larger base of players. About 53 percent of Ontario 20 adults play lotteries on a regular basis, once 21 every two months at least. The casino 22 23 demographic is smaller. It's about 25 percent 24 of adults.

But we do know that most of our 1 2 casino players are also lottery players. In fact, we develop products specifically lottery 3 products specifically to market to our casino 4 players. And we provide different types of 5 prizing to our lottery players that may 6 encourage them to go and try a casino product. 7 So, we're managing the overall 8 9 marketplace. There will always be challenges 10 there but I think that's an opportunity for us more than anything else. 11 COMMISSIONER CAMERON: 12 T had a question about sports betting. Senator, you 13 just mentioned the Red Sox or the Patriots. 14 I'm very well aware, spending a lot 15 of time in New Jersey, how prevalent the 16 illegal sports betting is as it is here in the 17 Commonwealth. And I had an interesting 18 19 conversation with a legal bookmaker in Europe about what a significant piece of business that 20 is in Europe and mainly on our teams by the 21 22 way. 23 And I know the pushback from the 24 professional teams along this line. But I was

wondering particularly with our panelists who do business in Las Vegas and Canada about that book of business and how a big piece it is, and what we think the future of that will be. As we're speaking of online gambling, what do we think the future of sports betting is in a legal manner?

MR. SWENY: I can start from the 8 9 Canadian front. OLG has a product, it's a 10 lottery based product called ProLine chromite. It's a parlay wagering system. We do about 11 \$300 million a year in volume. So, all parlay 12 wagers. That's two or more. It's usually 13 three games. All of the major sports leagues 14 we offer other than the NBA. 15

And that was a deal that was carved out between the province and the NBA when they expanded into Canada with the Raptors. They basically said we don't want you to offer the NBA on your ProLine list and we won't let the Raptors come to town unless you take it off. So, that's the deal.

23 The Canadian Senate is currently24 considering a bill that was passed through the

House of Commons unanimously to take a 1 prohibition out of the code, which prevents the 2 wagering on single event sports. So, we are 3 all watching that with great interest. That is 4 5 a massive piece of business. And we are doing considerable 6 research around what that would look like if in 7 fact the senate moves forward with that piece 8 9 of legislation. 10 MS. SINATRA: From an operator's perspective, the sports book is not a 11 significant part of our business at all in Las 12 Vegas including pari-mutuel and that entire 13 segment. That said, there's sort of a 14 constitutional issue in the United States. 15 And New Jersey is trying to push against at least 16 17 the conventional wisdom that passed about which 18 was a federal law that was passed that said 19 only three states who opted in within a certain period of time had the right to offer sports 20 betting. 21 So, unless and until that legal 22

22 so, unless and until that legal
23 rubric changes, it's currently in the federal
24 courts and New Jersey is not doing well. But

unless they make some progress, it's sort of a 1 dead issue. But it's something that we offer. 2 It's not a significant part of our business. 3 COMMISSIONER MCHUGH: Any other 4 5 thoughts? Any other questions? All right, then let me do as I promised and ask for one 6 big thought as we wind up. And I'll start at 7 the far end and just work down this way because 8 9 the Senator gets the last word. Marcus? 10 MR. PRATER: Thank you, Sir. Thank you for the opportunity to be with you today. 11 My thought is that these type of events are 12 exactly what's needed when a new state or a new 13 jurisdiction, a new country any group that's 14 considering a new form of gaming. 15 Obviously, you're headed down a 16 road. You've had the lottery. Casinos are 17 18 coming, things are progressing there. Now 19 we're talking about Internet. But as long as we have sort of forward thinking groups that 20 are doing their homework in advance, I think 21 that everything will work out just fine. 22 23 I've been in this business now a 24 little over 20 years. And like others have

said, this industry is full of very intelligent
 good people. It's an entertaining industry to
 be in. But there's regulatory bodies, and
 there's probably too many trade groups frankly
 in our industry.

So, everybody's interests are 6 already represented by the various groups. But 7 for all of the behind-the-scenes politicking 8 9 that goes on, these groups work very well 10 together. And you've done a good thing by reaching out to all of the different people 11 that have been here today to act as resources. 12 You are learning, the public learns 13 and eventually everyone feels good about at 14 least the process has run its course. And no 15 stone has been left unturned. 16 So, I have great confidence in this 17 18 industry and the people in it. And I think good things are coming to the Commonwealth. 19 COMMISSIONER MCHUGH: Thank you. 20 21 Tom? 22 MR. BEAUCHAMP: I won't repeat

23 everything that Marcus has said, but I agree.24 I think it's great to solicit input from all

1 constituents.

The other thing I would encourage is 2 look outside of gaming. While there are a lot 3 of nuances because gaming is regulated state-4 by-state, there are a lot of differences but 5 there's a lot that can be learned in moving to 6 the online space in particular from financial 7 services, healthcare, retail, a lot of other 8 9 industries that have gone further down the road 10 than gaming has. And you have to layer that with the things that are unique to the online 11 gaming industry. 12 I learned a lot today. 13 It was great. Thanks for the invitation. 14 15 COMMISSIONER MCHUGH: Kim? MS. SINATRA: I am going to echo the 16 thoughts of the two previous panelists. I 17 18 think this is always a helpful dialogue. I 19 assume that the Commonwealth will continue upon it's methodical path to try to get to the right 20 place. That was a compliment, Commissioner. 21 Look at Delaware and Maryland 22 23 sitting together, Mohegan and Wynn sitting

24 together. This is quite the peaceful

organization right here. I would encourage you
 not to be deterred by the hurry, hurry, hurry
 emergency part of this conversation.

I think that it's helpful to see
what other states experience as they journey
down this path. And oftentimes, you can learn
a lot. And the experience will translate.
COMMISSIONER MCHUGH: Thanks.

8 COMMISSIONER MCHUGH: The 9 Chuck?

10 MR. BUNNELL: I'd make a joke of being the fourth person. I was going to say 11 the same thing, but I won't. We are a 12 resource. We've spent a lot of time in this 13 field. We've testified before Congress three 14 times now. We've testified at the state level 15 three or four times. We have a free play site. 16 We have data that we'd be willing to share with 17 18 the Commission if it's helpful to you to look at the crossover that we have. We consider 19 this a partnership, and a relationship that 20 we've been involved with for a long time. We 21 concur. We are a resource and we want to 22 23 continue to be one.

24

COMMISSIONER MCHUGH: Thank you.

1 George?

MR. SWENY: Final thanks to the 2 Commission for inviting me here today. I've 3 met some great people. I've learned lots. 4 5 That has been critical in my career in gaming. There is always something to learn. 6 There are challenges on the horizon. 7 I mentioned our player base in lottery, it used 8 9 to be 70 percent. It's now 53 percent of 10 regular players. What's it going to look like five years from now? How can you leverage 11 different channels in different ways to look at 12 growing the opportunities down the road? 13 I agree with Tom, there's a lot to learn outside 14 of gaming business. Sometimes we're a little 15 bit narrowly focused. So, I really think 16 17 that's a great idea as well. COMMISSIONER MCHUGH: Vern? 18 19 MR. KIRK: I'll certainly agree with my colleagues before me. Take your time, but 20 I'll add to that choose your partners very 21 22 carefully. 23 COMMISSIONER MCHUGH: Great, thank 24 you. Stephen?

MR. MARTINO: I would encourage you 1 to be supple in your approach and adaptive to 2 change. Who knows when Internet gaming, 3 Internet lottery may come to Massachusetts. 4 Who knows when it might come to Maryland. Ιf 5 it's a couple of years, it's almost certain 6 that it won't look then like it looks now. And 7 you'll have to approach things differently 8 9 building upon the cumulative progress that 10 other states have chartered. Thank you for having me. 11 COMMISSIONER MCHUGH: 12 Senator 13 Flanagan. SENATOR FLANAGAN: Thank you for 14 15 allowing the Legislature be a part of this. Ι think as we did during the expanded gaming 16 debate, we want to do our due diligence as a 17 Legislature as we talk about iGaming. 18 19 And one of the biggest concerns we have is how it affects our constituency 20 especially with the beginning of the casino 21 industry coming to Massachusetts. 22 23 So, my suggestion and the suggestion 24 I've had to my colleagues is that we tread

lightly into uncharted territories here in 1 Massachusetts. And make sure that we do this 2 right. And we do it with the amount of 3 transparency that we conducted the expanded 4 gaming legislation at in making sure that 5 although we pay attention to the other states, 6 we do what's right for Massachusetts. And if 7 that means we need to take our time, then we'll 8 9 certainly have those debates on the floor of 10 the House and the Senate. COMMISSIONER MCHUGH: Thank you. 11 In summing up, it is clear from today and today's 12 thoughtful presentations that there are 13 numerous pieces that go into this area. And it 14 is also clear that the complexity of trying to 15 ensure protection for the lottery, which is 16 17 part of our fundamental mission, it's a great resource for the Commonwealth, while at the 18 19 same time giving room for its new industry that promises great benefits to the Commonwealth, 20 room for that to grow and grow adequately and 21 22 exponentially is an enormous challenge. 23 And we are greatly added, and I know

23 And we are greatly added, and I know24 I speak for all of the Commissioners -- greatly

1	aided by the willingness of all of you to come
2	and share your thoughts with us today. And for
3	all of the other presenters who came from
4	across the world and across the country to be
5	with us today and to share your thoughts. So,
б	a great thanks to all of you for your
7	willingness to share. And we are now
8	adjourned.
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10	(Conference adjourned at 4:43 p.m.)
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1 GUEST SPEAKERS:

2	Jeffrey Allen, Bally Technologies, Inc.
3	Jim Barbee, Nevada Gaming Control Board
4	Tom Beauchamp, Penn National Gaming
5	Chuck Bunnell, Mohegan Tribal Nation
6	Sen. Jennifer L. Flanagan, Massachusetts Senate
7	Rebecca Goldsmith, Delaware State Lottery
8	Patrick Hanley, Massachusetts Attorney
9	General's Office
10	James Kilsby, GamingCompliance
11	Vernon Kirk, Delaware State Lottery
12	Stephen Martino, Maryland State Lottery $\&$
13	Gaming Control Agency
14	Marcus Prater, Association of Gaming Equipment
15	Manufacturers (AGEM)
16	Tim Richards, Global Cash Access
17	Sen. Stanley C. Rosenberg, Massachusetts Senate
18	Kim Sinatra, Wynn Resorts
19	James Stern, IGT Interactive
20	George Sweny, Ontario Lottery & Gaming
21	Corporation
22	Sen. Bruce E. Tarr, Massachusetts Senate
23	Eric Weiss, New Jersey Division of Gaming
24	Enforcement

1	Keith Whyte, National Council on Problem
2	Gambling
3	
4	
5	MASSACHUSETTS GAMING COMMISSION STAFF:
б	Mark Vander Linden, Director of Research and
7	Problem Gambling
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1	CERTIFICATE
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3	I, Laurie J. Jordan, an Approved Court
4	Reporter, do hereby certify that the foregoing
5	is a true and accurate transcript from the
б	record of the proceedings.
7	
8	I, Laurie J. Jordan, further certify that the
9	foregoing is in compliance with the
10	Administrative Office of the Trial Court
11	Directive on Transcript Format.
12	I, Laurie J. Jordan, further certify I neither
13	am counsel for, related to, nor employed by any
14	of the parties to the action in which this
15	hearing was taken and further that I am not
16	financially nor otherwise interested in the
17	outcome of this action.
18	Proceedings recorded by Verbatim means, and
19	transcript produced from computer.
20	WITNESS MY HAND this 14th day of March,
21	2014.
22	
23	LAURIE J. JORDAN My Commission expires:
24	Notary Public May 11, 2018