Pandora (P) Q116 Financial Results Conference Call April 28, 2016

2 Scripts for: Tim Westergren, CEO and Founder

3 Sara Clemens, COO

Mike Herring, President & Chief Financial Officer

Dominic Paschel, Vice President, Pandora

Dominic Paschel

Good afternoon, and welcome to Pandora's first quarter 2016 financial results call. Before we begin, let me remind everyone that today's discussion will contain forward-looking statements based on our current assumptions, expectations and beliefs, including projected financial results or operating metrics, business strategies, anticipated future products or services, anticipated market demand or opportunities and other forward-looking topics. For a discussion of the specific risk factors that could cause our actual results to differ materially from today's discussion, please refer to the documents we file with the Securities and Exchange Commission.

Also, during this call, we will discuss non-GAAP measures of our performance. GAAP financial reconciliations and supplemental financial information are provided in the press release filed today with the SEC, and detailed financials are available on our Investor Relations site.

Today's call is available via webcast and a replay will be available for two weeks. We will also post the full text of today's prepared remarks once Mike concludes. You can find all of the information I have just described on the Investor Relations section of Pandora.com. On today's call we have Tim Westergren, Founder and CEO, Mike Herring, President and CFO, and Sara Clemens, COO. With that, let me turn the call over to Tim Westergren, Pandora's CEO.

Tim Westergren

Thanks, Dom, and thank you all for being on the call today. Before I turn to the corporate update and the latest quarterly results, I want to offer some perspective on this company that I founded with two friends over 16 years ago.

When I was twenty-nine years old, I was a keyboardist and songwriter in a traveling rock band spending weeks on the road traversing Colorado, Idaho, Washington, Oregon and California on the so-called "Crescent Moon" tour. We were one in a sea of bands driving thousands of miles packed in with our equipment, playing small clubs, and doing the best we could with flyers and staple guns to get locals to show up. The music was great, but like so many other bands we shared the stage with, we were penniless and struggling to create a sustainable career. I saw so many great bands that never made it past their first self-produced album. And I remember like it was yesterday the moment I decided, somewhere on a stretch of I-80 in Nevada, to hang it up.

Five years later, as the dotcom wave swept across the country, I hatched an idea that I thought might fundamentally change the odds for musicians, and there was no way I wasn't going to pursue it. The Music Genome Project was the first recommendation methodology that offered the promise of a level playing field and a powerful discovery engine if we could get it to scale. Done right, we could do for musicians what eBay did for small merchants. It's hard to put into words just how profoundly gratifying it is to see this vision taking shape. Barely a day goes by now that I don't hear some anecdote about a working musician somewhere feeling the Pandora effect – from a bluegrass band selling out a show for the first time, to a string quartet unexpectedly selling a bunch of CDs, to a defunct band reuniting because of renewed interest in their music. The vision of a thriving music economy is actually coming true.

I share this story not to be sentimental. It's because in the 16 years with this business, through thick and thin, I've learned the true power of an idea whose time has come. Pandora survived

when almost no one did, and now we are completely changing the way listeners discover and enjoy music and the way artists build sustainable careers.

I'm returning to the helm at a very exciting time for the company. Yes, we've had a rough couple of years, and there are plenty of doubters, but not inside our four walls. I've spent the first weeks of my tenure out with the teams across the country, and can say unequivocally that we have never been more clear about our mission, nor more confident in our ability to achieve it. The team is focused and hard at work on building the next era for Pandora.

I know this company, and our business environment, like the back of my hand and I attribute much of the external perception to lack of understanding. Pandora's strategic position is not obvious to the outside world. You have to look under the hood. The precision of our personalization in which we have invested immeasurably for close to two decades is not obvious. How hard is it to deliver a consistently satisfying personalized radio experience over months and years? Just ask any of the dozens of so-called "Pandora Killers" that have come and gone — it is a fantastically hard problem. That's why in the face of intense competition, our hours listened per user is steadily rising. And this despite a glut of free on demand services with little or no ad load that are creating a dangerous "gray market" for music. Our recommendation engine is a formidable combination of painstakingly generated ground truth data, tens of billions of precise listener signals and a large and growing corpus of original algorithms and data science research.

And just like the personalization engine, the depth and complexity of our monetization engine is also mostly unseen. Its only symptom is a growing core business that makes almost as much revenue per hour as broadcast radio, on one-fifth of the ad load. How did we hit a nearly \$50 RPM in our seasonally weakest quarter? It takes massive and highly efficient national and local sales teams dovetailing with a sophisticated inside and programmatic selling arm, a highly developed ad ops and client services layer, an intricate pricing and yield engine, and our end to

end design and production expertise. It is an immense and very mature infrastructure that makes that experience possible. These two dimensions - personalization and monetization – are just two major strategic advantages for Pandora that manifest themselves over time. In the coming year their significance will become increasingly apparent.

Finally, let me end my comments before handing it over to Sara and Mike with a high level overview of our strategy. The strategic plan we laid out in February's call is unchanged, and we are already making rapid progress on every front toward our goals. The team that conceived of and will execute the strategy are all here and fired up. We know exactly what we need to do, and we know exactly where we're going.

And it all starts with our core radio product.

Approximately 100 million unique listeners come to Pandora every quarter. They listen to an all-time high average of over 23 hours per month. This represents the third largest logged-in user base in the U.S., behind only Facebook and Twitter. Through their interactions with the service, and the ability we have to cross-match data with third party services, we have a highly developed understanding of their music preferences and their sociographic profiles – and with the onboarding of our targeted local concert recommendations, we will add to that a precise longitude and latitude. An audience like this represents a massive marketplace. And that is what we are building. Every move we have made over the past two years, including the acquisitions of Next Big Sound, Ticketfly and Rdio, has been a deliberate strategy to form a centralized marketplace where listeners and music makers come for all things music. Our heavy investment in artist tools through the Artist Marketing Platform (AMP) is designed to establish Pandora as the go-to CRM platform for every musician looking to build fan connection and patronage. This is a classic two-sided marketplace – listeners and artists engaging and transacting on one centralized platform – a service that unifies the entire music experience –

radio, on-demand, live performance and artist-to-fan connection on every device, in every car, in every location. Music where and how you want to hear it.

Our foundation is the ad-supported radio product, which will do north of \$1.0B of revenue this year, and generate north of \$500M in margin after content costs. That growing core business generates capital to reinvest in our growth categories, and just as importantly supports a sustained, highly addressable audience to upsell into higher ARPU products, in the form of short and long term paid subscription upsells, concert tickets and more. We are a pyramid, not a funnel. A pyramid with a large and sustainable base upon which to build new businesses. We are upselling listeners, not trying to catch them as they fall.

Another critical ingredient of Pandora's future success is our strength as a mobile-first company. We're consistently way ahead of the curve on this, going all the way back to 2007 when being an iPhone launch partner sent Pandora's business into the stratosphere overnight. Not only do we build listener and artist products through a mobile-first lens, we've already built one of the most powerful and effective mobile advertising platforms in the world. So as mobile has become the primary way music is accessed, we never had to pivot. We were – and are - already there. And we know how to build strong businesses around it.

This is the lens through which investors should view our strategy, operating priorities, and investment plans. We are careful stewards of our capital, but we will not be shy about moves that we view as driving strong leverage into what is well on its way to becoming one of the truly great internet marketplaces. It was this kind of confidence and long term thinking that created such great opportunity for the likes of Amazon and Netflix. Like us, they both quietly built huge underlying strategic advantages and parlayed that into pricing and marketing advantage to extend their businesses and capture adjacent markets. We are following a similar playbook.

Now over to Sara and Mike, two members of the very talented management team that, with 135 me, are executing this plan for years to come. 136 137 **Sara Clemens** 138 Thanks Tim. 139 140 Today I'm to going to focus on the investments we are making to expand the scope of our 141 music marketplace to service both Artists and Fans. 142 143 Over the past 12 months, we more than doubled our product and engineering teams to 568 144 talented people. As a result, we are shipping an accelerating stream of features that are 145 delighting our nearly 80 million monthly listeners. 146 147 One of those new features is Browse, which provides listeners an intuitive graphical 148 environment in which to discover new music. It is differentiated in the same way as all 149 Pandora content experiences: it is completely personalized to each listener, representing their 150 unique music tastes. We call this "Dynamic Personalization". Whatever a listener tells us, our 151 platform immediately responds and adapts in real time. By contrast, our competitors' offer 152 mass playlisting, which operates much like terrestrial radio, and does not reflect the unique 153 tastes of individual listeners. 154 155 Another excellent example of dynamic personalization is Thumbprint Radio, which leverages 156 both our ground truth data from the Music Genome, and more than a decade of listener thumb 157 feedback. 158 159 Thumbprint is more than a user's greatest hits. It is a playlist that dynamically weaves together 160 thumbed up songs with new music we are confident listeners will equally love. It adapts and 161 improves as we accrue precise signals from the tens of millions of listeners that visit us each 162

163	day. Thumbprint is quickly becoming our most popular listener station, and showcases our
164	superior ability to deliver real time personalization at scale and to enable listeners to discover
165	new artists at the same time.
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167	As we accelerate our product innovation, we will bring this dynamic personalization to new
168	offerings.
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170	Nowhere will that be more obvious than with our on-demand product, the first wave of which
171	will be available later this year.
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173	We are not building a "me-too" offering. We do not believe the basic thirty-million-songs-and-
174	a-search-box approach services consumers well. You can count on us to reinvent the on-
175	demand experience in a distinctly Pandora way, using our immense trove of preference data
176	and the power of dynamic personalization. It will be as effortless and intuitive as our radio
177	product, and introduce tens of millions of listeners to the joy of a truly interactive music
178	experience. The talent and technology acquired via the Rdio acquisition has been integral to
179	this roadmap and it has been exciting to see the teams come together to design a truly new
180	offering.
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182	We are also using dynamic personalization and data to change the game in live events. Today,
183	40% of live music tickets across the United States go unsold, primarily due to lack of awareness.
184	With our trove of data, we are uniquely positioned to solve that problem.
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186	We have started promoting Ticketfly events, enabling listeners to buy tickets to their favorite
187	bands, thereby benefiting artists, venues and promoters. We are bringing tools like Mixtapes
188	and interviews to enrich these promotions. And we've only scratched the surface.

Together we and Ticketfly are joint selling, driving Ticketfly's business development pipeline and winning new venues. The latest of these are New York's Bowery Ballroom and Mercury Lounge – two legendary venues – who Ticketfly announced this morning are migrating to the Ticketfly live events platform.

That is an excellent segue to our investments on the artist side of the marketplace.

You've heard about the success of our artist marketing platform – PandoraAMP – on previous earnings calls. But I'd like to step back and explain how the PandoraAMP components really connect together to create an industry changing marketplace.

We have built out four key functions that are mutually reinforcing as a powerful flywheel with compelling network effects: Identity, promotion, content and data.

The first is the Artist Profile, where an artist claims their identity on the platform and manages their brand. Think of this as their storefront – the place where fans can go to understand who the artist is, what their influences are, see their discography, and learn about tour dates. We are investing in a fully-featured environment artists can manage directly.

The second function of the marketplace is Promotional Tools. These enable artists to market themselves, speaking directly to fans on Pandora. This incorporates both traditional tools like email and push notifications, and new tools such as Featured Tracks and Audio Messages. This quarter we upped the ante, launching AMPCast, our mobile messaging platform. AMPCast allows any artist on Pandora to record and release an audio message targeted to their entire fan base from a mobile phone. We are enabling geo and demo targeting, and messages can be accompanied by linkable calls-to-action on the screen such as a local ticket sale, a new single, an album release, or any other news they want to tell their fans. The results from early tests are remarkable. The combination of scale, targeting, and the ability to place messages alongside an

artist's music as a listener hears it is the magic recipe. G-Eazy was one of our beta artists and there is a great video on our blog where he speaks to the power of the service. He used AMPcast for ticket sales, an album announcement, and app download messages which generated click through rates of over 10%. Layered on top of these tools is the third marketplace function: content experiences. This is where we enable artists to step beyond the traditional Pandora radio playlist and provide original content, including Mixtapes, pre-releases, concert streaming, interviews, and studio session recordings. Live streaming has been so popular, we built an entirely new platform capability which we lit up at SXSW. Over 4 days we had 39 thousand fans visit our Discovery Den in person in Austin. But through live streaming, we extended that audience to over 250 thousand, with fans listening to their favorite bands and new talent for an average of 40 minutes. Finally, the fourth function of our marketplace is analytics. Data provides artists with critical intelligence about fans and explains how their efforts on Pandora are performing. Thousands of bands regularly utilize our Artists Insights tool to schedule releases, plan promotions, and build tours. Next Big Sound amplifies our analytics capabilities, imbuing Pandora data with social and contextual information, and enabling artists to see how everything they do across digital platforms and traditional media impacts listener engagement and reach. As we evolve the platform, fully integrated campaign tools will enable artists, their managers, and labels to review performance in real time so they can drive efficiency, reduce risk and drive

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deeper engagement every day.

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A great example of these tools in action is our recent collaboration with the Lumineers. We 245 designed a Mixtape as part of their album launch and designated their song Ophelia as a 246 Featured Track. We also did Artist Audio Messages for the Mixtape and album pre orders. The 247 results were huge. Ophelia had over 11M spins over 8 weeks and the band reached over 1B 248 spins on Pandora, with their music heard by close to 12M people over 90 days. 249 250 We have hundreds of case studies like this, proving again and again the incredible power that 251 comes from connecting artists and fans on Pandora. Through PandoraAMP we are helping 252 music makers grow, engage and monetize Pandora's massive audience. And we can do that 253 across both live and recorded music. 254 255 This increases artist participation, the expansion of listening options, and the discovery of live 256 music . . . 257 . . . this in turn drives additional fan engagement. 258 ... which in turn attracts new advertising and sponsorship dollars. 259 260 And of course, all of these activities feed powerful data back into the system to further 261 accelerate the flywheel. It is the marketplace operating with full force. A mutually reinforcing 262 ecosystem of listeners, music makers and advertisers, powered by data and creating benefit for 263 everyone in the industry. 264 265 As you'll see, we've had a very strong start to the new era. With that, I'll turn the call over to 266 Mike to discuss our financial results. 267

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Mike Herring 269 Thank you, Sara. 270 271 Last quarter we laid out a five-year plan to scale our platform to approximately \$4 billion plus in 272 revenue, including greater than \$1 billion in new services, and \$300 million in live events - and 273 the strategy and these targets remain squarely in our sites. During this time, we expect the core 274 Internet radio business to grow more than \$2 billion in revenue. 275 276 277 I'm excited by our early progress, we have the right strategy in place and the right team to realize our vision. 278 279 Following the CRB ruling at the end of last year, we have certainty around our costs and clarity 280 on how to execute against our plan. We also have confidence in how to allocate capital in order 281 to most efficiently take advantage of the many business opportunities that Pandora is uniquely 282 283 positioned to capture given our expertise in monetization, our massive scale and our 284 proprietary data set. 285 While the CRB decision increased the royalty rates we pay for sound recordings going forward, 286 our ability to drive significant gross profits persists. We have a clear path to increase RPMs and 287 thus gross margins in the future, as first quarter total RPMs demonstrate. With LPMs now fixed 288 at approximately \$32 under current licensing terms adjusted for inflation, future growth in 289 RPMs will directly drive incremental contribution margins. Thus, we have a clear path to a 60% 290 gross margin and a 20% operating margin by 2020 in our core radio business. 291 292 The unique competitive advantage of our financial model is simple – the scale of the core 293 business funds the development of and provides the customer pool for new businesses. 294

Now, I'll take you through our first quarter results. 296 297 Q1 2016 Financial Results 298 299 Q1 Revenue 300 Starting with revenue, we ended the first quarter of 2016 with revenue of \$297.3 million, an 301 increase of 29% compared to \$230.8 million in revenue for the same quarter last year. 302 Excluding contributions from ticketing services, revenue was \$275.0 million, an increase of 19% 303 over the year-ago quarter. 304 305 Advertising revenue increased 23% in the first quarter of 2016 to \$220.3 million, compared to 306 \$178.7 million in revenue in the same quarter last year and exceeded our expectations due to 307 stronger than expected momentum in local markets. Local revenue accounted for 28% of 308 advertising revenue in Q1. 309 310 First quarter subscription and other revenue was \$54.7 million, an increase of 5% over \$52.0 311 million in the same period in 2015. Our end of period paid subscribers increased approximately 312 150 thousand to 3.9 million, an increase of approximately 4% year-over-year. 313 314 Ticketing revenue in the first quarter was \$22.3 million as we completed our first full quarter 315 operating the Ticketfly business. First quarter Gross Ticket Value excluding box office sales was 316 more than \$170 million, growing approximately 20% year-over-year. We transacted 317 approximately 3.8 million tickets excluding box office sales in the quarter which were 318 purchased by approximately 1.6 million unique ticket buyers for approximately 35,000 live 319 events - a remarkable growth of approximately 30%, 25% and 30% year-over-year, respectively. 320 We are off to a good start. 321 322

Q1 Adjusted EBITDA

Consolidated adjusted EBITDA for the first quarter was a loss of \$57.4 million, compared to a loss of \$20.9 million in the same quarter last year. These results were better than expected due to the revenue over-performance in the period. Adjusted EBITDA excludes \$38.7 million in expense from stock-based compensation, \$13.3 million of depreciation and amortization expense, approximately \$5.3 million in other expense, and approximately \$400,000 in provision for income taxes.

Q1 EPS

First quarter 2016 GAAP net loss per share was (\$0.51). Non-GAAP basic and diluted net loss per share was (\$0.20), which excludes approximately \$38.7 million in stock-based compensation expense, approximately \$5.1 million in amortization of intangibles, approximately \$1.2 million in amortization of non-recoupable ticketing contract advances, and includes an income tax benefit of approximately \$24.9 million, attributable to the income tax effects of the non-GAAP net operating loss before income taxes. GAAP and non-GAAP basic and diluted EPS were based on 226.7 million weighted average shares outstanding.

Q1 Content Costs

Content costs represented 58% of total revenue in Q1, an expected but nevertheless significant increase from the fourth quarter and year over year as a result of hours growth, the increase in rates due to the CRB ruling in December 2015 and direct publishing deals signed at the end of last year. As we have previously emphasized, our ability to leverage these costs is dependent on our ability to increase RPMs in excess of our LPMs. Q1 2016 total RPMs reached a record first quarter high of \$49.84 increasing by \$6.31 or 14% compared to the year ago period. For the quarter, total LPMs increased by \$7.28, or 31% compared to the same quarter last year. While in 2016 we will see LPMs grow faster than RPMs, this is unique to this year due to the step up in royalty rates. Going forward for the next four years LPMs will only grow at a rate equal to the CPI index while RPMs will grow based on our ability to continue to improve the monetization of our service. This dynamic is what gives us so much confidence in our financial model to expand

future margins. I do want to call out one change - going forward we will no longer speak to mobile versus web RPMs as mobile traffic has become so dominant on Pandora's platform, representing approximately 85% of Pandora's inventory, that the distinction is no longer important internally and thus neither is it externally. We had previously emphasized these metrics in order to demonstrate the potential monetization expansion as mobile markets matured, but as we enter 2016 we are fully committed as a predominantly mobile platform and are focusing internally on overall performance metrics rather than platform specific metrics.

Q1 Gross Margin

During the first quarter, non-GAAP gross margins were 31.4%, compared to 38.9% in the year-ago quarter primarily the result of costs associated with content, as discussed previously.

Q1 Operating Expenses

Turning to operating expenses, we increased headcount 40% year-over-year to 2,269 employees at the end of the first quarter of calendar year 2016, from 1,624 employees in the same period last year. Note we more than doubled the number of employees involved in product development, primarily due to the addition of engineers related to the Rdio acquisition, from 275 to 568, positioning Pandora for accelerated innovation going forward.

For the first quarter of 2016, non-GAAP sales and marketing expense was \$101.1 million, or 34% of revenue, compared to \$72.9 million, or 32% of revenue in the first quarter of 2015, as we continued to ramp our sales team to 491 QBSRs at the end of Q1, 154 of which were focused on local markets, and our brand and direct marketing activities. Included in sales and marketing expense in the first quarter are commissions on subscriptions that we pay Google and Apple totaling \$11.2 million, and \$16.2 million in brand, direct response and SEM activities.

Non-GAAP product development expense was \$25.5 million for the first quarter, or 9% of revenue, an increase of 126% compared to \$11.3 million in the first quarter of 2015, driven by

380	significant organic investment in engineering resources and the acquisition of Next Big Sound
381	and Ticketfly and the employees from Rdio in 2015. As we have said previously, we believe
382	product development is an investment in innovation to drive revenue 13 to 36 months out, and
383	thus we remain committed to increasing our spending in this critical area.
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385	Non-GAAP G&A expense was \$31.1 million or 10% of revenue, compared to \$30.5 million in the
386	same quarter last year or 13% of revenue a year ago.
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388	Cash
389	Turning to the balance sheet, Pandora ended the first quarter with \$382.5 million in cash and
390	investments compared to \$416.9 million at the end of the prior quarter. Cash used by operating
391	activities was \$13.1 million for the first quarter compared to \$27.0 million of cash generated by
392	operating activities in the year-ago quarter. Capital expenditures were \$14.4 million in the first
393	quarter, primarily driven by office buildouts and internal-use software costs, were \$7.2 million
394	in the first quarter, driven by capitalization of engineering costs associated with the
395	development of new subscription services.
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397	Guidance
398	Now, I'll wrap up with some thoughts regarding our guidance for the calendar year 2016 and
399	the second quarter.
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401	Starting with the calendar year 2016, we estimate total revenues in the range of \$1.41 billion to
402	\$1.43 billion, or year-over-year growth at the mid-point of approximately 22%. We expect
403	calendar year 2016 adjusted EBITDA loss to be in the range of \$70 million to \$50 million.
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405	Adjusted EBITDA excludes forecasted stock-based compensation expense of approximately

\$152 million, and forecasted depreciation and amortization expense of approximately \$62

million, and a provision of income taxes of approximately \$2 million, and assumes minimal cash 407 taxes, given our net loss position for the year. 408 409 Basic shares outstanding for the calendar year 2016 are expected to be approximately 231 410 million. We are also forecasting a non-GAAP effective tax rate between 30% and 35% 411 cumulatively for each quarter and for the year. 412 413 For the second quarter of 2016, we expect total revenues in the range of \$345 million to \$355 414 million, achieving year-over-year growth at the mid-point of 23%. With content costs 415 approximately flat quarter over quarter we expect the sequential quarterly revenue growth to 416 flow directly to gross profit and materially to the bottom line, thus Adjusted EBITDA for the 417 quarter will improve sequentially to a range of a loss of \$30 million to a loss of \$20 million for 418 the second quarter. 419 420 Adjusted EBITDA excludes forecasted stock-based compensation expense of approximately \$37 421 million, and forecasted depreciation and amortization expense of approximately \$15 million, 422 and a provision for income taxes of approximately \$500,000, and assumes minimal cash taxes, 423 given our net loss position for the second quarter. 424 425 Basic shares outstanding for the second quarter of 2016 are expected to be approximately 230 426 million. 427 428 In summary, Pandora is successfully operating its core business and progressing well across our 429 new initiatives as we build a powerful music marketplace. We continue to be focused on the 430 following: 431 Operating the core business to generate significant cash flow 432 Bringing new products to market that have compelling competitive differentiation 433

Demonstrating the power of Pandora's scale and data to drive live events demand

• Building and maintaining the scale necessary to execute on the opportunity

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As Sara said, we believe these factors are coming together to create that music marketplace operating with full force. We have a strong team in place and we're well-prepared for the challenge and excited about the opportunity. And with that we're ready to take some

questions. Operator?