NOTICE: This is an unofficial transcript of the Public Company Accounting Oversight Board's Investor Advisory Group meeting on October 16, 2013.

The Public Company Accounting Oversight Board does not certify the accuracy of this unofficial transcript, which may contain typographical or other errors or omissions. An archive of the webcast of the entire meeting can be found on the Public Company Accounting Oversight Board's website at:

http://pcaobus.org/News/Events/Pages/10162013_IAGMeeting.aspx.

PUBLIC COMPANY ACCOUNTING OVERSIGHT BOARD

+ + + + +

INVESTOR ADVISORY GROUP

+ + + + +

MEETING

+ + + + +

WEDNESDAY OCTOBER 16, 2013

+ + + + +

The Advisory Group met in the Hamilton Ballroom of the Hamilton Crowne Plaza Hotel, 1001 Fourteenth Street, Northwest, Washington, D.C. at 9:00 a.m., Steve Harris, Investor Advisory Group Chairman, presiding.

PRESENT

STEVE HARRIS, PCAOB Board Member, Chairman BRANDON BECKER, TIAA-CREF ROBERT T. BUETTNER, Newbrook Capital Advisors

MERCER E. BULLARD, University of
Mississippi, Plancorp, LLC, and Fund
Democracy, Inc.

CURTIS L. BUSER, The Carlyle Group

T. GRANT CALLERY, FINRA

JOSEPH V. CARCELLO, University of Tennessee

NORMAN J. HARRISON, FTI Consulting, Inc.

MICHAEL J. HEAD, TD AMERITRADE Holding Company

PETER H. NACHTWEY, Legg Mason, Inc.

BARBARA L. ROPER, Consumer Federation of America

LAWRENCE M. SHOVER, Solutions Funds Group DAMON A. SILVERS, AFL-CIO

ANNE SIMPSON, California Public Employees'
Retirement System (CalPERS)

- TONY SONDHI, A.C. Sondhi & Associates, LLC JUDGE STANLEY SPORKIN, U.S. District Court (Retired)
- ROBERT M. TAROLA, Right Advisory, LLC
- LYNN E. TURNER, Managing Director,
 LitiNomics and former SEC Chief
 Accountant
- GARY G. WALSH, Luther King Capital Management
- ANN L. YERGER, Council of Institutional Investors

ALSO PRESENT

JIM DOTY, Chairman, PCAOB

LEW FERGUSON, Board Member, PCAOB

JEANETTE FRANZEL, Board Member, PCAOB

JAY HANSON, Board Member, PCAOB

MARTY BAUMANN, Chief Auditor and Director of Professional Standards, PCAOB

- BRIAN CROTEAU, Securities and Exchange Commission
- GREG JONAS, Director, Office of Research and Analysis, PCAOB
- HELEN MUNTER, Director, Division of Registration and Inspections, PCAOB
- SANTINA ROCCA, Deputy Director, Division of Registration and Inspections PCAOB

T-A-B-L-E O-F C-O-N-T-E-N-T-S

																		Ī	PAGE
Welcome	by by by by	d Int Steve Jim I Lewis Jay H Jeane Steve	e Har Ooty Fer Hanso ette	ris guso n . Fran	n ze]			•						•					
Introdu	Wor Ind	on of king icato Tony	Grou ors	p on			_		_				•	•				•	22
	Gov by	king ernar Grant	ice a : Cal	nd I lery	nce	ent	iv	<i>т</i> е:	S •	•	•	•						•	24
	wit	king h Aud Ann Y	lit C	ommi	tte	ees				nt	era	aci		on					26
IAG Men	mber	Intr	oduct	cions	3							•	•	•					28
Report Audit (Qual: by		ndica Jona	ators			•												31 37
Open D	iscus	ssion			•								•	•					71
BREAK																			
PCAOB (Genera	l and		pect	ion F	_		ts	•	•	•	•		•		•	•	•		124
Open D	iscu	ssion						•	•	•	•	•	•	•	•	•	•		134
LUNCH																			

T-A-B-L-E O-F C-O-N-T-E-N-T-S

(continued)

		<u>PAGE</u>
_	from the Working Group: Firm Governance and Incentives Introduction	
	by T. Grant Callery	164
	Auditor Evaluations and Incentives by Curtis L. Buser	166
	Talent Acquisition & Retention by Lawrence M. Shover	171
	Tone at the Top and Transparency Reports by Joseph V. Carcello	176
	Advisory Committee on the Audit Profession by T. Grant Callery	181
	Governing Bodies - INEs U.K. Experience by Joseph V. Carcello	184
	SEC Views on Internal Business Conflicts	
	by T. Grant Callery	184
Open Di	scussion	192
_	from the Working Group: Interaction with Audit Committees Introduction	
	by Ann Yerger	231
	Financial Expert Requirements by Robert Tarola	
	and Peter Nachtwev	233

T-A-B-L-E O-F C-O-N-T-E-N-T-S

(continued)

<u>P2</u>	AGE
AS 16 Auditor Communications by Ann Yerger	234
Audit Committee Communications To Investors/Disclosures	
by Mercer Bullard	238
Open Discussion	245
BREAK	
General Discussion	260
Closing Remarks by Steve Harris	324

1 P-R-O-C-E-E-D-I-N-G-S

- 2 (9:02 a.m.)
- 3 CHAIRMAN HARRIS: I want to welcome everyone to
- 4 the Fourth Annual Meeting of the Investor Advisory Group
- 5 of the Public Company Accounting Oversight Board.
- I know that all of you are very busy and I
- 7 appreciate the time you have taken to participate in
- 8 today's meeting, especially during the course of a day
- 9 which is clearly going to be an eventful day on the Hill
- 10 and throughout Washington.
- I'm going to be interested to see how many of you
- 12 are checking your BlackBerrys during the day to see
- 13 whether or not there's any resolution, especially those
- 14 of you who invest real money on a real-time basis.
- 15 But to the extent that we can keep your attention
- 16 throughout the day, we'd appreciate it and we will have
- 17 a couple of breaks throughout the day.
- And in particular, I want to thank the members of
- 19 each of our working groups for the effort they have
- 20 devoted to the topics that we will be discussing this
- 21 morning and this afternoon. I think they've done a
- 22 terrific job. I think today's going to be a very

- 1 interesting day.
- 2 And I also want to welcome our newest members,
- 3 Bob Buettner, Mercer Bullard, Curt Buser, Tom Callery,
- 4 Larry Shover, Gary Walsh.
- 5 And we regret that due to illness William Morris
- 6 is not going to be able to attend but he sends his
- 7 deepest regrets.
- 8 I also want to indicate that much as we wanted
- 9 Chair White to attend and thought that she'd be able to
- 10 break away from her extremely busy schedule and prior
- 11 commitments, unfortunately and totally understandably
- 12 it's shutdown time, hopefully not, but debt-ceiling time,
- 13 decision times, in terms of what's going on in Washington
- 14 and she deeply regrets that she's not going to be able
- 15 to make it.
- But in the meantime, I do want to welcome Brian.
- 17 Brian, thank you very much for attending and from your
- 18 prior attendances, so we very much appreciate the close
- 19 collaborative working relationship that we have with the
- 20 SEC.
- 21 And once again, as I say, Brian, thank you for
- 22 coming, participating at these group sessions and if you

- 1 would reiterate some of what you've heard or all of what
- 2 you've heard to the Chair and to Paul and others, we'd
- 3 very much appreciate that.
- 4 But we totally understand the circumstances of
- 5 the day. Hope it works out very well for the SEC, more
- 6 importantly for the United States of America, for the
- 7 government, and so we wish her and the Commission full
- 8 funding, continuity, and the very best.
- 9 And at the outset, in a minute I want to
- 10 recognize Chairman Doty and the other Board members and
- 11 offer them an opportunity to make any brief opening
- 12 remarks they would like to, following which I will ask
- 13 each of our advisory members to briefly introduce
- 14 themselves, and then we'll move forward with today's
- 15 program.
- Before we get started, though, let me remind
- 17 everyone that the standard PCAOB disclaimers apply, and
- 18 that is that each Board member who speaks today is
- 19 representing his or her own views and not necessarily the
- 20 views of the Board or its staff.
- 21 And, of course, the same disclaimer is true of
- 22 any of the PCAOB staff participating today.

- 1 And with that, Chairman Doty and Lew and Jeanette
- 2 and Jay, I want to offer you the opportunity to make any
- 3 brief opening remarks you'd like to make.
- 4 DIRECTOR DOTY: Thank you, Steve. It's been an
- 5 extraordinary spring and summer for the Board.
- I think that with this group it's important to
- 7 point out that the audit reporting model proposal was
- 8 issued. It's out there, the comment period that runs for
- 9 a long time, giving everybody time to get comments in
- 10 through the end of the year and after.
- 11 We have published broker-dealer standards. The
- 12 SEC adopted their 17a-5 standards, and it was very
- 13 important that we get out broker-dealer audit standards.
- 14 We did that. They're now up and running on the web where
- 15 people can look at them.
- 16 Coming along behind this and, as I've said
- 17 before, it's important to me that we move on the
- 18 transparency concept of naming the engagement partner and
- 19 naming the foreign firms and the other participants.
- I know that in this group this is in some of your
- 21 views an overdue proposal. I think it's certainly an
- 22 idea whose time has come.

- 1 We intend to re-propose it. That is after some
- 2 thoughtful discussion with the staff of the SEC, and I
- 3 concur. I think that they're urging us wisely to re-
- 4 propose, given the fact that we have three new members
- 5 of the Commission.
- 6 So this will allow time for them to familiarize
- 7 themselves with an issue with which many of you and the
- 8 staff of the Chief Accountant's Office and we in the
- 9 Board are familiar and have been thinking about for a
- 10 long time.
- In addition to that, I think the time has given
- 12 us some advantages. We have been able to refine and
- 13 sharpen our perception of what should undergird and
- 14 justify a standard like this, which has generated some
- 15 controversy in the profession.
- 16 Lewis Ferguson, Jeanette Franzel, Board members,
- 17 have taken care to try to test and think carefully about
- 18 what the actual justification of this proposal should be
- 19 and how it should be expressed.
- In the interim, there have been very important
- 21 scholarly and empirical studies that have emerged.
- 22 I think since October 2012 we have had a lot in

- 1 the form of scholarship, some of it by members of this
- 2 working group, which tends to confirm in my view,
- 3 supports in my view the importance of doing something in
- 4 this area.
- It's also something which I think we can do while
- 6 the audit reporting model proposal is out there and being
- 7 considered.
- Finally I know that various of us are concerned
- 9 that with this approach to transparency being one that
- 10 is spreading in other jurisdictions, not only Europe but
- 11 around the world, that we do not want to be seen as being
- 12 recalcitrant and behind the times.
- 13 I say all this because I think the first time
- 14 this proposal went around the profession was largely
- 15 opposed to it. They were opposed to it on concerns about
- 16 litigation risk.
- 17 In my view when you expand disclosure you
- 18 necessarily expand some litigation risk, but this is a
- 19 disclosure standard.
- I think you can look to see something out,
- 21 certainly by the first week of December we should be in
- 22 a position to re-propose this.

- 1 Your views as investors on the pros and the cons,
- 2 either the virtues of it, the utility of it or the lack
- 3 thereof, are all going to be interesting to us because
- 4 those are all issues that have been raised in comments
- 5 before and will be raised again.
- 6 So that's where we're headed and with that,
- 7 Steve, back to you.
- 8 CHAIRMAN HARRIS: Why don't we just go and, Lew
- 9 and Jeanette and Jay, you're welcome to make any opening
- 10 remarks you care to see fit.
- 11 MEMBER FERGUSON: I'd just like to join with
- 12 Steve and welcome you and to say thank you for the work
- 13 that you do for us here.
- I know it's time out of your busy schedules but
- 15 it's very, very, very important to us. You make a
- 16 valuable contribution. What you say to us we listen to
- 17 and we deeply appreciate the work you do for this
- 18 organization.
- 19 MEMBER HANSON: Just a brief good morning and
- 20 welcome and echo the comments and pass it on to Jeanette.
- 21 MEMBER FRANZEL: I also want to welcome everybody
- 22 and thank you for being here.

- 1 This is a very important meeting and I want to
- 2 compliment all of you on the agenda, and these are very
- 3 important topics that the Board has been spending a lot
- 4 of time thinking about but it's really time to make some
- 5 of these happen and operationalize them.
- 6 And things like audit quality indicators and
- 7 improving our communications on inspections reports and
- 8 general reports, our communications with audit
- 9 committees, if we can figure out how to operationalize
- 10 these going forward this will have a lasting impact, I
- 11 think, on the system of oversight of audits and financial
- 12 reporting.
- 13 So, thank you. You're making a big difference,
- 14 and I look forward to today's agenda.
- 15 CHAIRMAN HARRIS: I think Chairman Doty last
- 16 night articulated your importance to the Board and I
- 17 think that's been reiterated again by all the Board
- 18 members.
- 19 But let me make a few opening remarks regarding
- 20 the group's previous recommendations and contributions,
- 21 especially for those of you who are new members.
- 22 But last year was the tenth anniversary of the

- 1 Sarbanes-Oxley Act and, likewise, 2013 marks the tenth
- 2 anniversary and the year of the operation for the PCAOB.
- 3 And with that milestone in mind, we have provided
- 4 each of you with a copy of our 2012 Annual Report which
- 5 outlines many of the Board's accomplishments since our
- 6 inception.
- While we are proud of what we have done so far,
- 8 our work to protect investors by improving the accuracy
- 9 and reliability of corporate disclosures and improving
- 10 audit quality is an ongoing effort.
- 11 This is where you, the Investor Advisory Group,
- 12 come in, and beginning with its inaugural meeting in May
- 13 2010, the IAG has provided insight and advice to the
- 14 Board in areas that are of significance to investors.
- 15 Many of the actions taken by the Board in the
- 16 past few years have been informed by and, indeed, have
- 17 been in response to the recommendations voiced by this
- 18 group, and let me just go through a couple of those.
- 19 For example, during our first meeting in 2010,
- 20 the group asked that the Board redouble its efforts to
- 21 obtain access to foreign-registered accounting firms for
- 22 the purpose of conducting inspections.

- 1 Under the leadership of our Chairman and with the
- 2 dedicated efforts of our Office of International Affairs
- 3 and Division of Registration and Inspections, that is
- 4 exactly what we have done.
- 5 Since 2010 the PCAOB has entered into 12
- 6 cooperative arrangements with audit regulators from such
- 7 countries as the United Kingdom, Germany, Finland,
- 8 France, Switzerland, the Netherlands, Spain, Norway and
- 9 Japan.
- 10 While these are significant achievements, we
- 11 recognize that we have more to do, especially in those
- 12 smaller European countries where we still lack access to
- 13 carry out inspections, as well as obviously in China.
- 14 Fortunately in June the EU issued a new adequacy
- 15 decision for the PCAOB that runs through July 2016. The
- 16 adequacy decision in effect certifies that the PCAOB has
- 17 the ability and the necessary systems in place to protect
- 18 non-public information.
- 19 This new adequacy decision should allow us to
- 20 conclude cooperation agreements in coming months with a
- 21 number of those, dozen or so smaller EU countries where
- 22 we would like to conduct inspections.

- 1 It has also allowed us this summer to renew our
- 2 existing cooperation agreements with the major EU audit
- 3 regulators.
- 4 The net result is that we anticipate being able
- 5 to inspect in all EU member states at least through July
- 6 2016 when another new adequacy decision will be needed.
- With respect to China, we are also continuing to
- 8 negotiate with them on a statement of protocol that would
- 9 allow us to carry out our inspections there.
- 10 The fact that we reached a Memorandum of
- 11 Understanding on enforcement with China in May was a
- 12 breakthrough and has given us some momentum in our
- 13 negotiations around the Statement of Protocol.
- In addition, we are working to reach cooperation
- 15 agreements with regulators in a number of other
- 16 jurisdictions, such as Brazil, Chile, New Zealand and
- 17 Turkey.
- 18 While these arrangements and agreements are not
- 19 necessary for us to inspect in these jurisdictions, they
- 20 are useful because they strengthen our relationships with
- 21 the audit regulators in those countries.
- Finally, on the international front, in response

- 1 to an IAG suggestion our website now provides a list of
- 2 the issuer clients of PCAOB-registered firms in
- 3 jurisdictions where the PCAOB is still prevented from
- 4 conducting inspections.
- 5 Turning back to the home front, this group also
- 6 asked the Board to study and report on lessons learned
- 7 from the financial crisis.
- In response, in September 2010 we issued a report
- 9 on the observations of PCAOB inspectors related to audit
- 10 risk areas affected by the crisis.
- 11 Then in December 2010 we issued an Audit Practice
- 12 Alert on the audit implications and breakdowns in the
- 13 mortgage foreclosure process.
- 14 And in December 2011 we issued a Practice Alert
- 15 on assessing and responding to risk in the current
- 16 economic environment.
- 17 And we're always open to suggestions in terms of
- 18 whatever Practice Alerts you think we ought to consider
- 19 in the future, and we are considering a number.
- 20 Similarly the IAG also wanted the Board to issue
- 21 timely quidance on topical issues for auditors and Board
- 22 of Directors.

- 1 Five Audit Practice Alerts have been issued in
- 2 the past three years, ranging from the principal auditors
- 3 use of the work of foreign auditors to risks in emerging
- 4 markets and most recently an alert about professional
- 5 skepticism.
- 6 We've also issued five general inspection reports
- 7 in 2012 and 2013 and Helen Munter will discuss some of
- 8 our communications efforts and solicit your advice and
- 9 recommendations in terms of how we can do better in that
- 10 area.
- 11 The auditor's report has also been an important
- 12 and recurring topic of discussion in nearly all of our
- 13 meetings.
- In 2010 it was suggested that the Board consider
- 15 requiring disclosures, the major issues that concerned
- 16 the auditor during the audit.
- 17 In the 2011 meeting, the working group on the
- 18 auditor's report and the role of the auditor presented
- 19 survey results on the usefulness of the current report.
- 20 These results further indicated what investors are
- 21 looking for in the report.
- Then during the 2012 meeting, the IAG working

- 1 group on the role, relevancy and value of the audit
- 2 provided us with the results from another survey that
- 3 demonstrated what investors believe auditors should do
- 4 with respect to the other information that accompanies
- 5 the audit report.
- Our staff considered the views expressed at those
- 7 meetings as they developed the Board's current proposal
- 8 which was issued for comment on August 13th.
- 9 We ask that you continue your efforts in this
- 10 area by carefully considering this recent proposal and
- 11 provide the Board with your comments. In the past, your
- 12 input is critical to this process.
- 13 And then in October 2011, the Board published a
- 14 rule proposal on the disclosure, the engagement partner
- 15 and certain other participants in the audit. This is
- 16 another topic that the IAG has addressed repeatedly.
- 17 As reflected in the latest standard-setting
- 18 agenda which is on our website, we are planning to have
- 19 a re-proposal, as the Chairman indicated, on the subject
- 20 of transparency.
- 21 Going concern was another topic that the group
- 22 discussed in depth during the 2002 meeting. As is

- 1 reflected in our latest standard-setting agenda, we
- 2 anticipate coming out with a proposal on going concern
- 3 sometime before 2014.
- 4 These are just a few examples where the Investor
- 5 Advisory Group's input has made a difference and helped
- 6 the Board to establish its priorities and advance its
- 7 efforts to protect investors.
- 8 Just as in the past, the Board intends to
- 9 carefully consider the views you express and the topics
- 10 you have chosen for today's discussion.
- 11 We'll be taking up four specific subjects, as
- 12 you're all aware, followed by a final hour for general
- 13 discussion.
- 14 They are, first, audit quality indicators;
- 15 second, PCAOB communications, general and inspection
- 16 reports; third, audit firm governance and incentives; and
- 17 fourth, auditor interaction with audit committees.
- 18 With respect to the four presentations and
- 19 discussion topics, each topic will begin with a brief,
- 20 no more than five-minute presentation by the working
- 21 group that has been researching and considering that
- 22 topic.

- 1 We do not have a working group for the PCAOB
- 2 communication session. This discussion will instead be
- 3 introduced and led by Helen Munter, Director of the
- 4 Division of Registration and Inspections, and Santina
- 5 Rocca, the Division's Deputy Director.
- 6 After each working group presentation, the
- 7 presenters will lead a discussion among all members about
- 8 the topic.
- 9 Of course, the Board members and SEC, Brian, are
- 10 more than welcome to join in on the discussion at any
- 11 time and we welcome that participation.
- And at the end of the day, I hope there will be
- 13 time for each member to bring to our attention any issue
- 14 of particular interest to him or her.
- As I mentioned at the outset, we had hoped that
- 16 Chairman White would be here but we totally understand
- 17 her attending to, at this point, far greater business.
- I would note that today's meeting is being
- 19 webcast and transcribed. Therefore, I would ask each of
- 20 you to identify yourself prior to speaking.
- 21 This meeting is open to the public and all
- 22 presentations will be posted on the PCAOB website.

- 1 And now let me recognize the working group
- 2 leaders. Tony Sondhi will provide a brief overview of
- 3 his working group on audit quality indicators. His
- 4 working group members are Michael Head, Norman Harrison,
- 5 Lynn Turner and Damon Silvers.
- Grant Callery, Grant, who is new to the IAG, very
- 7 graciously agreed to serve as the lead of the audit firm
- 8 governance and incentives working group. We very much
- 9 appreciate that, Grant. And his working group members
- 10 consist of Brandon Becker, Curt Buser, Joe Carcello and
- 11 Lawrence Shover.
- 12 And Ann Yerger is the lead on the auditor
- 13 interaction with audit committees working group. And her
- 14 group includes Mercer Bullard, Howard Morris, who as I
- 15 say regrets that he is unable to be here due to an
- 16 illness and we wish him speedy recovery, Pete Nachtwey,
- 17 Bob Tarola and Barbara Roper.
- 18 So with that, Tony, why don't you start off and
- 19 then Grant and Ann for five minutes each on the overviews
- 20 and then we'll get right into the program. Thank you.
- 21 MEMBER SONDHI: Thank you. Okay and, Steve, you
- 22 said it's a five-minute overview?

- 1 Okay, very good.
- 2 Fundamentally our group has worked on these
- 3 indicators and we've decided that, in essence, what we
- 4 recommend is that you prescribe a set of audit quality
- 5 indicators that would measure the quality of the audit,
- 6 the actual audit, the output, the results that you get,
- 7 help establish the accountability for that audit quality.
- 8 And these indicators ought to be forward-looking
- 9 and have a significant amount of information and
- 10 predictive content, because that's what we need.
- In essence, we need to find audit quality
- 12 indicators that'll help us understand how well the audit
- 13 was performed, assign responsibility and accountability
- 14 for that audit.
- 15 The working group also believes, again, that the
- 16 current focus seems to be on audit firm quality and the
- 17 audit process, rather than audit quality itself.
- And we believe that investors are most concerned
- 19 about the reliability and the credibility of the audit
- 20 and we're interested in understanding how those audits,
- 21 what those audits tell us about the companies that we are
- 22 currently invested in and/or companies that we're

- 1 interested in.
- 2 Many of us who've served on or advised audit
- 3 committees have found that audit committee members are
- 4 also most interested in the quality of the auditor's work
- 5 for their company, in essence, rather than the actions
- 6 that their audit firms have taken that relate to audit
- 7 quality, but in general rather than specifically with
- 8 respect to the output of the audit itself.
- 9 The final point I'd like to make in the
- 10 introduction is that we think we need a focus on output-
- 11 based indicators or results-based indicators of audit
- 12 quality and we're going to propose a few of those in our
- 13 principal discussions. Thank you.
- 14 CHAIRMAN HARRIS: Thank you very much, Tony, and
- 15 I did look at the slides late last night and I think
- 16 you've done an excellent job and we look forward to the
- 17 presentation.
- 18 Grant, you want to give us a brief overview?
- 19 MEMBER CALLERY: Sure. The topic that our group
- 20 was looking at was governance of incentives and what
- 21 we've put together is a group of slides that raise a
- 22 number of questions I think.

- 1 We have not really come to dispositive
- 2 conclusions with respect to what needs to be done here,
- 3 although as we talk through it we probably will get to
- 4 some of those.
- 5 But I think we've looked at indicators, various
- 6 things in the way that some of the PCAOB observations
- 7 coming out of inspections and some of the various pieces
- 8 of the way that firms incent themselves, and then have
- 9 looked also at some of the potential governance issues,
- 10 such as whether there is a need for having some sort of
- 11 an independent, non-executive person, people, in the
- 12 governing process of the firms.
- 13 There have been recommendations in the past that
- 14 this be done. It's being done in the U.K. to some
- 15 degree, and Joe has actually had some conversations with
- 16 people about the outcomes of the U.K. work in that area
- 17 and we'll be talking about that.
- And then thinking about whether there are
- 19 structural things within the firms that may need to be
- 20 done.
- There is a slide in there that talks about the
- 22 balance of the pieces of the business of the major firms

- 1 and the percentages are interesting.
- They're only a beginning of a conversation I
- 3 think because you have to look into what the non-audit
- 4 business is but I think there are some things that the
- 5 PCAOB can be doing to look into those and see whether
- 6 there are solutions that we need to be putting in place
- 7 to avoid issues like we had a decade or so ago.
- 8 CHAIRMAN HARRIS: Thank you very much, Grant.
- 9 And then, Ann, if you want to just briefly give an 10 overview.
- 11 MEMBER YERGER: Sure, thank you. Well, it goes
- 12 without saying that audit committees today play a vital
- 13 role for investors in the capital markets given their
- 14 significant mandated responsibilities including
- 15 overseeing the financial reporting process and the hiring
- 16 and the performance of the independent auditors.
- 17 The audit committees play a front-line defense in
- 18 ensuring high-quality, reliable financial reports.
- 19 And in turn, accurate and reliable financial
- 20 reporting is critical to investor confidence and the
- 21 integrity of our securities markets.
- Our subcommittee actually took a fairly big-

- 1 picture view of the issue so we didn't focus just
- 2 narrowly on communications.
- We thought about audit committees in large and we
- 4 wrestled with really one question, which was how could
- 5 audit committees enhance their performance?
- And in analyzing this question, we centered in
- 7 three areas. First, the skills of the committee members,
- 8 in particular those of the financial expert; second, the
- 9 quality of the communications from the independent
- 10 auditor to the audit committee; and finally, the quality
- 11 of the communications from the audit committee to
- 12 investors.
- 13 And I note that the PCAOB only has direct
- 14 authority over one of these topics, which is the auditor
- 15 to audit committee communications.
- 16 The SEC generally has authority over the other
- 17 two areas. However, given the importance, we thought,
- 18 of all three, we think it's important to address the
- 19 issues.
- Like Grant, we don't have really any formal
- 21 recommendations for the committee. We have more
- 22 information and questions, so we really look forward to

- 1 your input on these issues. Thank you.
- 2 CHAIRMAN HARRIS: Thank you, Ann. And before
- 3 actually getting started, I think it might be helpful if
- 4 everybody introduced themselves since I don't think --
- 5 last night at dinner there were a number of people that
- 6 couldn't make it to the dinner.
- 7 So, Jim, why don't we go right around the table
- 8 and make introductions and then we'll get started.
- 9 DIRECTOR DOTY: Jim Doty, PCAOB.
- 10 MEMBER SONDHI: Tony Sondhi, A.C. Sondhi and
- 11 Associates.
- 12 MEMBER HARRISON: Norman Harrison, FTI
- 13 Consulting.
- 14 MEMBER HEAD: Mike Head, retired, Chief Audit
- 15 Executive, TD AMERITRADE.
- 16 MEMBER TURNER: Lynn Turner, Trustee of COPERA.
- 17 MEMBER WALSH: Gary Walsh, with Luther King
- 18 Capital Management.
- 19 MEMBER CALLERY: Grant Callery, retired, General
- 20 Counsel of FINRA.
- 21 MEMBER SHOVER: Larry Shover, Chief Investment
- 22 Officer at SFG Alternatives.

- 1 MEMBER BUSER: Curt Buser, The Carlyle Group.
- MEMBER BECKER: Brandon Becker, TIAA-CREF.
- 3 MEMBER CARCELLO: Joe Carcello, University of
- 4 Tennessee.
- 5 MEMBER TAROLA: Good morning. Bob Tarola,
- 6 President of Right Advisory LLC and a board member on two
- 7 public companies.
- 8 MEMBER ROPER: Barbara Roper, I'm Director of
- 9 Investor Protection for the Consumer Federation of
- 10 America.
- 11 MEMBER NACHTWEY: Pete Nachtwey, CFO, Legg Mason.
- 12 MEMBER BULLARD: Mercer Bullard, Fund Democracy
- 13 an investor advocacy group and University of Mississippi
- 14 School of Law.
- 15 MEMBER YERGER: Ann Yerger, Executive Director of
- 16 the Council of Institutional Investors.
- JUDGE SPORKIN: Stan Sporkin, I have my own firm
- 18 and I'm also the Ombudsman for BP America.
- 19 MEMBER SIMPSON: Anne Simpson, from the
- 20 California Public Employees' Retirement System which is,
- 21 I believe, the largest pension fund in America.
- 22 MEMBER BUETTNER: Robert Buettner, private

- 1 investor.
- 2 MR. CROTEAU: Good morning. I'm Brian Croteau,
- 3 Deputy Chief Accountant in the Office of the Chief
- 4 Accountant at the SEC and I'll just take one minute to
- 5 add my thing because I know any remarks you hear from me
- 6 today are certainly my own and not those of the
- 7 Commission, Commissioners or staff.
- 8 But I know I do speak on behalf of many at the
- 9 Commission in adding our own thanks to all of you for the
- 10 efforts that you've put in.
- I join Jeanette really in congratulating you on
- 12 a really, really great agenda.
- 13 We at the SEC have been very supportive of all of
- 14 the topics that you've got on the agenda here today, many
- 15 of which are linked to the PCAOB's near-term priority
- 16 projects that were announced nearly a year ago and absent
- 17 from the list perhaps and on the near-term priority
- 18 projects are also some direct linkage to auditing
- 19 standards and updating auditing standards, another topic
- 20 that we're very, very supportive of and encouraging of
- 21 relative to perhaps that being the most clear and
- 22 effective and direct way of improving audit quality.

1 And so I look forward to the discussion today	and
-------------------------------------------------	-----

- 2 very much look forward to the input from this group and
- 3 thank you very much, again, for all of the efforts.
- 4 MR. JONAS: Greg Jonas, PCAOB.
- 5 MEMBER FRANZEL: Jeanette Franzel, PCAOB.
- 6 CHAIRMAN HARRIS: And Steve Harris, PCAOB.
- 7 And now starting with Audit Quality Indicators,
- 8 as early as 2010 this Advisory Group suggested the Board
- 9 develop audit quality indicators.
- 10 Later, in our 2012 meeting, the working group on
- 11 audit firm practice and transparency recommended the
- 12 issuance of a concept release on AQIs, initiating a
- 13 project to identify audit quality measures with a longer
- 14 term goal of tracking such measures over time is one of
- 15 the priorities of the Board. The PCAOB Office of
- 16 Research and Analysis has been leading this effort
- 17 And as you will hear from Greg Jonas, the
- 18 Director of the ORA, during our first presentation today,
- 19 the staff of ORA has been working hard to identify
- 20 certain key audit quality indicators.
- 21 And as part of the effort, ORA has reached out to
- 22 the Board's various advisory groups, including the IAG.

- 1 I've asked Greg to start off the discussion with
- 2 a very brief overview and then we'll turn it over to
- 3 Tony.
- But, Greg, congratulations on a terrific start,
- 5 a terrific effort on an extraordinarily difficult subject
- 6 matter and we appreciate your opening it up.
- 7 MR. JONAS: Great, Steve. Thanks. Good morning,
- 8 everyone.
- 9 Among the challenges to audit quality is the
- 10 curious circumstance that the customer of the audit, the
- 11 investor and the buyer of the audit, the audit committee
- 12 really has limited visibility today into the underlying
- 13 quality of the audit work.
- Now, to be sure, they understand when things go
- 15 wrong, restatements, missed fraud, last-minute problems,
- 16 and so forth.
- But the absence of a problem, of course, doesn't
- 18 necessarily indicate a high-quality audit.
- 19 As we've thought about it, we view the audit very
- 20 much like an iceberg where the customer and the buyer
- 21 really see only the tip and there's very little
- 22 visibility into the largest part of the iceberg, which

- 1 is the part that's underwater.
- 2 And so at its heart, we fashioned the AQI project
- 3 as trying to give visibility to that part of the audit
- 4 that is underwater.
- 5 And with the sunshine on that section, we think
- 6 there are four broad beneficiaries of the information.
- 7 First, for investors we think the insight can
- 8 give them knowledge, better knowledge of risk in the
- 9 companies that they invest. We also think it can help
- 10 inform their proxy voting.
- 11 For audit committees we think that insight can
- 12 help them understand the right questions to ask the
- 13 auditor and that will inform their hiring decision and
- 14 their compensation decision of the auditors.
- 15 Firms we think can benefit from this by being
- 16 able to compare their firm with others, to ask themselves
- 17 the right questions, to know where to invest, where are
- 18 the problems and what to do about them and ultimately to
- 19 be rewarded for a job well done.
- 20 And for regulators, too, there's help. It can
- 21 help us understand where there is risk. It can help us
- 22 understand the system of quality control and it can help

- 1 focus the regulatory endeavor.
- 2 So we've been on this. Brian mentioned this
- 3 project has been named a strategic priority, a short-term
- 4 strategic priority, and we've been at it since last
- 5 December.
- And we fashioned our first milestone to be a
- 7 concept release that we hope to issue at around this
- 8 year-end.
- 9 We envision that the concept release will have
- 10 three broad sections. One would be background purpose
- 11 of the project. The second would be about quality
- 12 indicators. We fashion a portfolio of metrics,
- 13 quantitative measures, informing audit quality. And the
- 14 third section would be to discuss possible uses of these
- 15 indicators.
- 16 We do not intend this document to be declarative
- 17 at this point, but rather to in a structured way tee up
- 18 important issues and seek public comment on those issues.
- 19 Let me hum a couple bars first about the
- 20 indicators. What we have in mind is a balanced
- 21 portfolio, kind of a scorecard of measures that give
- 22 insight into quality.

- 1 We do not envision that this is benchmarking. We
- 2 do not believe that these indicators will answer
- 3 questions, but rather they will focus people on the right
- 4 questions.
- 5 We envision the metrics to be balanced in the
- 6 sense that some will relate to people, some will relate
- 7 to process and some will relate to results, the output
- 8 of the audit.
- 9 To date, we have embarked on a fairly extensive
- 10 research effort, trying to read all that has gone before
- 11 us about quality indicators and there is a fair amount.
- We have fashioned a definition of quality. We
- 13 have developed a framework for thinking about quality and
- 14 we've surfaced roughly about 70 different measures that
- 15 we think are candidates for metrics.
- 16 We've discussed these candidates with many
- 17 thought leaders, including our advisory groups, with the
- 18 SEC and others.
- 19 And we have been in the process for the past few
- 20 months, really since May, of trying to screen the list
- 21 of 70 down to something more manageable that we think
- 22 would be the most promising indicators, maybe in the

- 1 range of 25 to 30 that we would put forth in the concept 2 release.
- 3 The third section of the document deals with
- 4 uses. Again, we don't intend to be declarative but
- 5 rather to tee up in a structured way the many questions
- 6 we have about possible uses.
- 7 Let me give you some examples. Should engagement
- 8 teams discuss with audit committees engagement-level
- 9 metrics? Should they also discuss firm-level metrics?
- 10 Should firms themselves publish publicly in their
- 11 reports on audit quality quantitative metrics of audit
- 12 quality and what insight they get from those metrics and
- 13 what they're doing about weaknesses?
- 14 Should regulators publish insight about the
- 15 metrics, comparing one firm to another, offering
- 16 observations for the good of audit quality?
- 17 Should these programs be voluntary or should they
- 18 be mandatory? How might we phase in such a program of
- 19 audit quality indicators over time?
- Scope, should all public companies be subject to
- 21 these metrics or should we exclude certain company
- 22 audits? Are all firms in or should we exclude certain

- 1 firms?
- 2 And we'll ask questions, I suspect, about
- 3 benefits and costs of an audit quality indicator program.
- 4 As others have mentioned, I too deeply appreciate
- 5 on behalf of the staff the help that you have given us.
- 6 Tony and his task force have been terrific and we've had
- 7 the benefit of one-on-one conversations with each of the
- 8 task force members.
- 9 But, of course, we haven't had the benefit of the
- 10 full group discussion and the great dynamics that come
- 11 from that.
- So it's an excellent time for this group to weigh
- 13 in to influence our thinking. You already have, and I
- 14 know today's discussion will do so again and we eagerly
- 15 await the conversation. Thank you, Steve.
- 16 CHAIRMAN HARRIS: Tony, now let me turn it over
- 17 to you and I'm not sure we've got our tech system working
- 18 but hopefully we can flip to the slides, you know, as you
- 19 go through them.
- MEMBER SONDHI: Yes, I think we can manage that.
- 21 Thank you very much, Steve, and thank you, Greq, as well
- 22 for that introduction.

- 1 Let me begin with just a very simple comment on
- 2 the fact that I have been helped greatly by members of
- 3 my group and also by Matt Waldron of the CFA Institute.
- 4 He's given me access to a great deal of
- 5 information. I'm going to report on one of the surveys
- 6 that he's provided that they conducted last year.
- 7 And in addition to that, I've had conversations
- 8 with several other people, members of the IASB, some
- 9 accounting firms, and I've tried to gather as much
- 10 information as I could to bring in to inform this
- 11 discussion and some of these issues that I'm going to
- 12 present.
- But I must say that despite all their help, there
- 14 will be some shortcomings and those are mine, so just
- 15 keep that. I promised Norman that I would mention this
- 16 so that the -- no, I'm just --
- 17 But I do appreciate everyone's help and
- 18 particularly George Wilfert and Greq, spent a great deal
- 19 of time with them so the PCAOB staff has been very, very
- 20 helpful.
- 21 So let me go back and begin with the executive
- 22 summary that I had just briefly mentioned earlier.

- In essence, as I said earlier, we believe that
- 2 these audit quality indicators ought to be designed to
- 3 measure the quality of the audit itself.
- 4 We need to be able to develop indicators that
- 5 help us understand and also establish the accountability
- 6 for that audit quality.
- 7 But probably most important, these audit quality
- 8 indicators need to have these two characteristics, that
- 9 is they should be forward-looking and at the same time
- 10 also have information of predictive content because, as
- 11 we're going to show you, investors and the audit
- 12 committee, of course, need information about the audit
- 13 quality more than anything else.
- 14 So investors are concerned about the reliability
- 15 and the credibility of the audits and I think that's what
- 16 the audit quality indicators ought to emphasize.
- 17 Another thing that I mentioned earlier is that
- 18 those of us who served on or advised audit committees
- 19 have found that committee members are mostly interested
- 20 in the quality of the auditor's work for their company.
- 21 So it's a very specific interest and that's why,
- 22 again, I emphasize that we're interested in output-based

- 1 or results-based audit quality indicators.
- 2 The objectives of this project we think should be
- 3 the development of indicators that help you measure audit
- 4 quality.
- In effect, the objective would be to provide the
- 6 investors with timely information that they can use to
- 7 understand the credibility of the audits.
- 8 That information would also help investors in
- 9 their annual voting on auditors and retention and
- 10 appointment of the auditors.
- 11 The audit committees would benefit from the
- 12 publication of timely information on audit quality
- 13 because that'll help them with respect to the specific
- 14 oversight responsibilities that they have, as well as the
- 15 selection of audit firms.
- So overall, what we're looking for is information
- 17 about risks that are identified. It would be helpful to
- 18 get that information from the results of the PCAOB
- 19 inspections and what's been discussed in those PCAOB
- 20 reports as well.
- 21 With respect to the data collection,
- 22 dissemination and the publication of that information,

- 1 we believe that audit firms should be required to provide
- 2 the regulator, the PCAOB, with that data on the audit
- 3 quality indicators.
- 4 One of the things that I think is interesting
- 5 with respect to these audit quality indicators and their
- 6 collection and dissemination is that although the
- 7 quantitative information is likely to be most helpful,
- 8 I do believe there are places where some qualitative
- 9 information would be helpful as well.
- 10 And the data that is collected and then
- 11 disseminated by the audit firms ought to be subject to
- 12 review, verification and comment by the PCAOB.
- Greq had pointed out that there's a question as
- 14 to whether that ought to be analyzed by regulators and
- 15 that's something that I think we ought to explore during
- 16 our discussions.
- 17 What we're talking about here, in essence, is
- 18 that it should be collected and disseminated by the audit
- 19 firms and it should be subject to review and verification
- 20 by the PCAOB.
- 21 With respect to the audit quality indicators
- 22 themselves, what we have decided here is to present three

- 1 categories.
- 2 Some indicators we believe ought to be collected,
- 3 analyzed and disseminated at the engagement level.
- 4 There's another category that we believe makes
- 5 sense at the firm level, but there also indicators that
- 6 we think should be collected at both, so just to sort of
- 7 give you a broad view and perspective on the types of
- 8 indicators that we're going to talk about.
- 9 Now, finally, with respect to these indicators,
- 10 we recommend one other aspect and that is the audit
- 11 quality indicators should be stratified, and the question
- 12 then becomes what kind of stratification makes the most
- 13 sense.
- And I think this is a function of the type of
- 15 audit client, it's a function of the type of audit
- 16 quality indicator.
- 17 Some audit quality indicators may be best
- 18 stratified in terms of the size of the client. Others
- 19 we may need information about the business that the
- 20 client is involved in or different businesses.
- 21 So we've discussed stratification measures such
- 22 as SIC class, the codes or something similar.

- I want to be very clear. I don't think there's
- 2 a single answer with respect to stratification. In fact,
- 3 I strongly believe that it's important to have good
- 4 understanding and apply them judiciously to different
- 5 types of indicators.
- 6 But I do believe that stratification is going to
- 7 be critical because otherwise it's very difficult to
- 8 understand.
- 9 For example, you know, take a very simple case.
- 10 What I want to know about an audit of a company the size
- 11 of Citigroup or JPMorgan is a little different from the
- 12 bank down the street that has two branches or maybe
- 13 three.
- But that's a very simple argument but that also
- 15 does express the nature of the stratification that I do
- 16 believe we need, okay?
- Now what I'd like to do is to spend a little bit
- 18 of time talking about some very specific indicators.
- 19 Sort of an overarching comment that I'd like to
- 20 make is please take these suggestions and recommendations
- 21 as an approach to looking at and developing indicators.
- These are not, in any sense, final. This is, as

- 1 Steve and Greg have both pointed out, a fairly complex
- 2 undertaking and it is our first stab at it so please keep
- 3 in mind that these are suggestions. They're what we've
- 4 been thinking about.
- 5 We think they're important, very critical, and
- 6 yet we certainly agree and would accept that they do have
- 7 to be evaluated carefully and may require various levels
- 8 of discussion and modification over time.
- 9 So I'm going to begin with the specific
- 10 engagement level indicators. It's important, I believe,
- 11 to understand how the time is spent on an audit, so the
- 12 partner and manager hours relative to the hours charged
- 13 by the rest of the engagement team, the identification
- 14 of key risk areas in an audit and how much time was spent
- 15 on those.
- 16 Another set of indicators relates to the
- 17 inspection, whether that particular audit has been
- 18 inspected by the PCAOB in the most recent year, what
- 19 types of deficiencies were identified and a description
- 20 of the types of those deficiencies, the amount of time
- 21 that's spent by the audit partners and the staff and
- 22 firms that are not subject to inspection and this, I

- 1 think, is a critical element in understanding the audit
- 2 and the output of the audit itself.
- A few others, and here what I believe we're
- 4 looking for is the amount of time that is spent by people
- 5 outside the immediate audit team.
- 6 So one of the indicators looks at the amount of
- 7 time, the audit hours outsourced to either another firm
- 8 or to an affiliate in a foreign country, whether there
- 9 was any consultation with the national technical office
- 10 and, if so, on what issues.
- 11 So we're looking, in other words, for what kinds
- 12 of other information, other help you've used.
- And then ultimately, third one in this case is
- 14 the name of the lead engagement partner which would allow
- 15 us to assess whether they have participated in other
- 16 audits which were inspected and where credibility was an
- 17 issue.
- 18 So that would clarify the types of audits and
- 19 provide us with some more information on those.
- 20 So let's move now to some audit firm-level
- 21 indicators. The policy and measurement and management
- 22 of audit quality indicators ought to be public. That's

- 1 just a general comment with respect to the audit 2 indicators.
- 3 And this I believe is an expression from the firm
- 4 itself that's collecting and disseminating that
- 5 information and this aspect, of course, would also be
- 6 different and the regulators would give us their
- 7 perspective on it.
- 8 With respect to the audit firm-level indicators
- 9 compensation policy, the executive partners for the audit
- 10 partners on the engagement and the audit staff, what we
- 11 believe is important to understand with respect to
- 12 compensation levels is how those are linked to audit
- 13 quality, including the specific triggers measured and
- 14 used in linking that audit quality to compensation
- 15 levels.
- 16 The average billing hours and responsibility of
- 17 audit partners, also the average chargeable hours of
- 18 partners, managers and the audit staff. So we're looking
- 19 for some detailed information with respect to both the
- 20 compensation and how they're spending time on the audit
- 21 itself.
- 22 Another set of indicators at the firm level would

- 1 look at specific audit engagements and provide
- 2 information on the number of audit engagements for which
- 3 an independent review occurred. And of those where an
- 4 independent review occurred, we would like to see
- 5 information about the number and the aggregate estimated
- 6 fees of non-audit engagements which the firm declined to
- 7 accept.
- 8 Information about the identification of
- 9 affiliates not subject to an inspection by the PCAOB and
- 10 identification of affiliates who do not provide audit
- 11 documentation to the U.S. affiliate in compliance with
- 12 SOX. And we can look at that at different levels,
- 13 different types of compliance and so on, but the idea is
- 14 to get a sense of who participated in the audit and to
- 15 what extent they're subject to regulation.
- 16 This set of indicators -- let me begin actually
- 17 with the last three and then I'll come back to the first
- 18 two. The billable fees or hours by major industry
- 19 groups, and this is something that'll allow us to
- 20 understand what type of expertise the audit firm has.
- 21 Portion of the audits that are assessed as being high-
- 22 risk audits and how they're spending the revenues on the

- 1 audit staff.
- We've also proposed two indicators that are
- 3 effectively output-based, and those are the number of
- 4 restatements and the number of material weaknesses
- 5 reported by a major industry group.
- As you can see, we brought in at different places
- 7 certain kinds of stratifications, so we do make certain
- 8 recommendations, but please keep my earlier point in mind
- 9 that it is important to understand and to be clear about
- 10 what kinds of stratification is needed and where.
- 11 We're also interested in understanding the
- 12 resources that the audit firms are spending on audit
- 13 tools and audit technology. We need to understand the
- 14 number of pending SEC and PCAOB enforcement actions with
- 15 respect to the firms, the average salary for new hires
- 16 on the audit staff, the number of first-year audit
- 17 engagements where the prior auditor resigned or there was
- 18 disagreement that was reported with respect to the prior
- 19 auditors.
- 20 Certain additional indicators, remember I pointed
- 21 out that we have three categories and this is our third
- 22 category where we'd like information on both the

- 1 engagement level and the firm level. The average number
- 2 of hours of professional education for partners, managers
- 3 and staff assigned to the audit. Please keep in mind
- 4 that this is information that we think will help us
- 5 better understand the type of the quality that the audit
- 6 firm brings to the audit, the kind of expertise that they
- 7 bring to the audit.
- We are, however, we do understand, we're clear
- 9 about the fact that, you know, just the hours or the
- 10 dollars spent aren't going to give us very good
- 11 information. So this is something that we need to think
- 12 carefully about as to how to develop and design these
- 13 indicators so they can actually tell us what type of
- 14 expertise is being developed and what expertise they
- 15 have.
- 16 Information about turnover in staffing at
- 17 partner, manager and staff levels. That turnover is very
- 18 critical because it helps us understand, again, the type
- 19 of expertise that comes in and what's happening to the
- 20 staff levels there. The average years of experience of
- 21 the audit partner and personnel staff assigned to the
- 22 audits, experience on the specific engagement, experience

- 1 in the industry and overall audit experience. We think
- 2 one of the most critical things in audits is to
- 3 understand what type of industry and business expertise
- 4 the auditors bring to their audits. Any violations of
- 5 the PCAOB auditor independence rules. Okay.
- Now, I'd like to step away from the audit quality
- 7 indicators and tell you a little bit about one of the
- 8 surveys that the CFA Institute conducted last year in
- 9 September 2012. The CFA Institute, as you know, is the
- 10 one that administers the Chartered Financial Analyst
- 11 designation, and I can provide you with a lot of
- 12 information about where they are. They're represented
- 13 all over the world.
- 14 They surveyed 498 members of their financial
- 15 reporting survey pool, so these are people who are really
- 16 well-informed that expressed an interest in these issues.
- 17 The response rate was 21 percent and the margin of error
- 18 is 8.5 percent at the 95 percent confidence level. The
- 19 objective the CFA Institute had in mind in conducting
- 20 this survey was to provide feedback to the International
- 21 Forum of Independent Audit Regulators for use in the
- 22 deliberations and proposed changes to the audit process.

1 I'm going to use these in this discussion to

2 illustrate investor preferences with respect to expanded

- 3 transparency in audit regulation as well as the
- 4 independent audit report. For those of you who are
- 5 interested, the entire survey and the questions, et
- 6 cetera, are available at the CFA Institute website.
- 7 Let's focus on four of the questions that were
- 8 asked in this survey. The first question concerned the
- 9 quality of the audit, and the question was to what extent
- 10 do you agree or disagree that regulatory oversight and
- 11 enforcement of the independent audit improves the quality
- 12 of the audit?
- Now here, 72 percent of the respondents agreed
- 14 that regulatory oversight and enforcement improves audit
- 15 quality. What's interesting is the divergence of views
- 16 around the world. The Asia-Pacific members, 47 percent
- 17 of them strongly agreed with this contention, 40 percent
- 18 in Europe and Middle East and Africa and then 34 percent
- 19 in America. But you can see that you got a fairly
- 20 significant number of respondents who feel that oversight
- 21 and enforcement are critical to improving audit quality.
- The next question that the CFA Institute asked

- 1 was with respect to current regulatory oversight and
- 2 enforcement. The question was to what extent do you
- 3 agree or disagree that current regulatory oversight and
- 4 enforcement of the independent audit is effective? Now,
- 5 I at least found the results here somewhat mixed. Take
- 6 a look at it and you'll see what I mean. Thirty-seven
- 7 percent neither agreed nor disagreed. Thirty percent
- 8 agreed that current regulation and oversight are
- 9 effective.
- Now, I don't know. It, you know, depends on what
- 11 you do with the neither agree nor disagree contingent
- 12 here, but interestingly what I found was that the EMEA,
- 13 47 percent of those respondents and one third of the
- 14 respondents in the Americas do not believe that the
- 15 current regime is effective.
- 16 (Off microphone discussion)
- 17 MEMBER SONDHI: I'm not sure. I don't think
- 18 they're inconsistent. I think the first one is telling
- 19 us that people believe that regulatory oversight and
- 20 enforcement would help. What the second one is talking
- 21 about is the current regimes that we have around the
- 22 world, what they believe in about those.

- But as I said, and I think that's partly, you
- 2 know, the reason why I assume you're asking is,
- 3 interestingly enough, that only 18 percent of the APAC
- 4 members disagree with that. Lynn, did you --
- 5 MEMBER TURNER: No. In response to Jim's
- 6 question --
- 7 MEMBER SONDHI: Yes, please.
- 8 MEMBER TURNER: I think the first set of
- 9 questions say do you think regulatory oversight's
- 10 important? Yes. And the second set of questions is do
- 11 you think it's getting the job done? And there was
- 12 interesting views on both, yes.
- 13 MEMBER SONDHI: And it's interesting to see the
- 14 differences across the three groups that are represented
- 15 as well. The third question --
- 16 MEMBER SIMPSON: Can I make a comment on that,
- 17 Tony?
- 18 MEMBER SONDHI: Please.
- 19 MEMBER SIMPSON: I'm sorry, because I think this
- 20 is a really interesting point and it rather backs up what
- 21 Greg said at the very beginning. And I speak in all
- 22 humility as one of those wretched investors who have a

- 1 strong opinion that regulation is a terrific idea and
- 2 then become rather hazy when asked, well, what's really
- 3 going on and do you understand what's going on? So I
- 4 think this really sets the stage for a message for the
- 5 investor community, that we need to be better informed
- 6 and we really need to back up our regulators.
- 7 So, you know, more on that later when we get to
- 8 the general discussion about what we could be and should
- 9 be doing. It's a little bit, you know, like sitting
- 10 around wanting the world to work more effectively but not
- 11 stepping up to do the work that's needed. So I think,
- 12 you know, the investor community, we need to look to our
- 13 own record here. It's not inconsistent. I think it
- 14 probably says more about the investor community than the
- 15 regulatory community.
- 16 MEMBER SONDHI: And I think you're right because
- 17 over the years that we've conducted surveys and talked
- 18 to analysts, we don't get very detailed and informed
- 19 responses with respect to the audit report. But if you
- 20 tell them what happens if we take it away --
- 21 MEMBER SIMPSON: Oh, yes.
- MEMBER SONDHI: Yes and, you know, then there is

1 an uproar. So you're right, there's no question that

- 2 analysts need to be more informed.
- But remember, you're also looking at, you know,
- 4 some levels of technical expertise that's required in
- 5 order to understand these. And we do have various types
- 6 of analysts out there. There are some people who use
- 7 accounting information and there are many, or some who
- 8 don't, so that makes a difference as well and has an
- 9 impact on some of these results in the surveys that we
- 10 conduct.
- 11 MEMBER TURNER: Tony.
- 12 MEMBER SONDHI: Yes.
- 13 MEMBER TURNER: I wouldn't put the focus on
- 14 investors and say that takes away from it at all. I
- 15 think it reflects how these people who are using the
- 16 financial statements actually perceive the process.
- And that's what's important because what you're
- 18 trying to build is trust and confidence here. And if
- 19 they don't have trust in the regulator actually getting
- 20 the job done, then that's, in essence, what they're
- 21 telling you and then the regulator needs to take steps
- 22 to address that shortcoming, either in reality or in

- 1 perception. But clearly there's a perception there that 2 is a serious issue.
- MEMBER SONDHI: Right, thank you, yes. Please.
- 4 CHAIRMAN HARRIS: After the judge asks the
- 5 question, maybe you can finish off the full presentation
- 6 because there are a ton of issues here on this subject
- 7 matter. So, Judge, go ahead and then everybody else --
- 8 JUDGE SPORKIN: Well, maybe this is the wrong
- 9 time --
- 10 CHAIRMAN HARRIS: -- hold your peace until after,
- 11 you know, after we're finished, but by all means.
- 12 JUDGE SPORKIN: Yes, I don't know whether it's
- 13 the right time but I didn't see a whole lot in the
- 14 planning of the audit as to a quality indicator. Is that
- 15 in here?
- Because I've found that with good plans, when you
- 17 sit down and look at the company and determine what areas
- 18 they're in and whatnot and how you're going to go about
- 19 to do that audit, that I've found that's extremely
- 20 important. Has that been looked at, the audit planning
- 21 stage?
- MEMBER SONDHI: Yes. We've actually, we've

- 1 talked about that a great deal and we will come back to
- 2 that as well. I certainly agree with you, no question,
- 3 and the group itself in the discussions has made that
- 4 very clear, that that's a -- the distinction that I'm
- 5 trying to draw here is to bring our focus on to the
- 6 outputs.
- 7 But I agree with you. That's part of the
- 8 process. There's no question. And you're not going to
- 9 have a good audit without that. But if you would bear
- 10 with us, let me provide a little bit more information
- 11 about the general report and then, as Steve suggested,
- 12 we do have about 45 minutes for the discussion so we'll
- 13 come back to that.
- 14 The third question that the survey asked had to
- 15 do with the transparency of inspection reports, and we
- 16 asked whether those need to be more transparent. The
- 17 results here are clearer, 80 percent of the respondents
- 18 called for increased transparency and the highest
- 19 proportion of that is 88 percent of America's
- 20 respondents, 73 percent in the APAC and 69 in Europe.
- 21 And that, as I said, you know, that seems straightforward
- 22 and clearly that's what, and you'd expect that.

- 1 And finally, the independent auditor's report,
- 2 should risk factors associated with measurement
- 3 uncertainties in the entity's financial statements be
- 4 included in the independent auditor's report?
- 5 And here, respondents called for the disclosure
- 6 by a three-to-one margin, all right, so they're looking
- 7 for disclosure. What was also interesting in here is
- 8 that 57 percent of the respondents wanted to limit the
- 9 disclosure to significant risk factors, whereas 18
- 10 percent, which is a reasonable number, would prefer to
- 11 have all risk factors disclosed. And, you know, you can
- 12 think of that as information and how they're going to use
- 13 it, but that's the idea here.
- So to summarize the survey, certainly I think
- 15 that the respondents agree that regulatory oversight and
- 16 enforcement have a positive impact, but one in three
- 17 don't believe that currently we're getting what we would
- 18 like to get with respect to that.
- 19 And then finally, 75 percent of the respondents
- 20 would like to see more disclosure of risk factors and 80
- 21 percent are calling for greater transparency. So that
- 22 should, you know, give you a good sense of what people

- 1 are looking for.
- What I'd like to do now in the last few minutes
- 3 that I have, is to focus on another set of indicators.
- 4 I've talked a great deal about and I mentioned output-
- 5 based indicators, but here's what I'd like to say about
- 6 that. We strongly recommend that the PCAOB develop
- 7 output-based indicators, the quality and the credibility
- 8 of the audits.
- 9 Now, what we believe this calls for is the
- 10 development of indicators that are credible early warning
- 11 signals or forecasts of risks. The output-based
- 12 indicators of predictive content, in essence they involve
- 13 an assessment of the decisions that relate to recognition
- 14 or timing and the measurement or the amount of a
- 15 particular issue and those choices. And very often those
- 16 choices are based on variable or uncertain data or soft
- 17 data, as we often call it, and that type of soft data
- 18 requires significant judgment and estimates that have to
- 19 be combined with a really good comprehensive
- 20 understanding of your own business.
- One example is the use of discretionary accruals
- 22 and I believe that Greg and his team have been thinking

- 1 about this and I believe you've included this or an
- 2 indicator based on discretionary accruals. Now the
- 3 fundamental challenge, of course, with developing these
- 4 types of indicators, informative, forward-looking
- 5 indicators, is that many if not most of them are observed
- 6 ex post. It's after the audit and the financial
- 7 statements have been made public.
- 8 So for example, the number and frequency of
- 9 restatements, errors in going concern assessments, the
- 10 impairments, issues with valuation, the adequacy of
- 11 allowances or reserves for contingencies and the
- 12 valuation allowance for deferred tax assets, for example,
- 13 these are all observed, generally speaking, after the
- 14 fact.
- 15 Now, we believe that an important characteristic
- 16 of these types of forward-looking and informative
- 17 indicators is their ability to forecast risks and
- 18 problems. So I'll give you just a brief idea of what I
- 19 am thinking about here. See, research shows that
- 20 financial statement recognition, in other words the
- 21 timing of impairments and also the amount of the
- 22 impairment recognized with respect to long-lived tangible

1 assets, like machinery equipment, for example, these are

2 often preceded by LIFO inventory liquidations. In fact,

3 research shows that sometimes LIFO inventory liquidation

4 can be as much as a year or two years prior to the

5 company acknowledging that that particular business isn't

6 working.

7 If you look at bricks and mortar retailers, and

8 I draw that distinction because Internet retailers are

9 quite different in respect to this and you have to think

10 about them differently, but for a long time analyses of

11 financial distress on a very timely basis can be achieved

12 by looking at trends in the operating cycle. How long

13 does it take to sell your inventory? How many days does

14 it take to collect your receivables? That's what we, the

15 analytical world, we call that the operating cycle. If

16 you subtract from that the amount of time the suppliers

17 allow you to pay off for your purchases, that gives you

18 a cash cycle.

19 And trends in these operating and cash cycles

20 have been indicative of financial distress for as much

21 as three years. And three years, as most of the investors

22 would agree, is almost, you know, an eternity in the

- 1 financial markets. So from that perspective, these are
- 2 the kinds of measures that I think are very helpful or
- 3 can be very helpful.
- 4 Similar analyses of deferred tax footnotes,
- 5 valuation allowance for deferred tax assets, the way
- 6 statements of cash flows present and provide information,
- 7 these I think would yield significantly useful
- 8 indicators.
- 9 The fundamental challenge, however, is in
- 10 identifying appropriate risk measures in order to develop
- 11 these types of output-based indicators.
- 12 All right, so that's my presentation, Steve.
- 13 CHAIRMAN HARRIS: Well, Tony, thank you very
- 14 much. I think that's an excellent presentation. I think
- 15 what I'd like to do is let you lead the discussion, or
- 16 the general discussion, with respect to the questions
- 17 and, Greg, you should feel free to join the fray as you
- 18 see fit.
- 19 But I think there are a number of questions and,
- 20 first of all, I'd like to open it up to the members to
- 21 ask whatever questions, recognizing Security and Exchange
- 22 Commission first, so Brian.

- 1 MR. CROTEAU: Well, thanks very much. I just
- 2 wanted to go back to the point that you raised, I don't
- 3 know if the slide has a number, but on transparency of
- 4 inspection results.
- 5 And it's not surprising 80 percent of respondents
- 6 called for increased transparency but, of course, that
- 7 can mean a lot of different things. And the PCAOB
- 8 certainly is looking at this relative to improving the
- 9 content of inspection reports and this is on the agenda
- 10 for today.
- 11 But is there any more detail relative to what
- 12 that meant to the respondents in terms of the types of
- 13 transparency that respondents were looking for?
- 14 MEMBER SONDHI: Before I answer that, though, let
- 15 me just mention that, you know, all of my group, you're
- 16 all welcome to respond to these. I've been doing all the
- 17 -- I've done the presentation, but please feel free
- 18 because you've obviously contributed to this and you have
- 19 your own views as well on this.
- 20 Brian, with respect to that specific question,
- 21 you know, one of the problems or one of the sort of
- 22 shortcomings of questionnaires is that you provide a

- 1 certain amount of information. One of the things that
- 2 we've done, that the CFA Institute has been doing lately,
- 3 is for particularly difficult issues they provide a great
- 4 deal of information beforehand.
- 5 For example, they recently conducted a survey on
- 6 leases and they presented both the FASB and the IASB
- 7 perspectives and provided information in those webcasts
- 8 and slides and explained aspects and then asked
- 9 questions, right?
- 10 But in this particular instance, I don't think we
- 11 had that much detail and what you see, in a sense, is
- 12 what you get. But I certainly agree that, you know, that
- 13 could be one of those questions that we need about five
- 14 or six different aspects of it probed and then we could
- 15 get better information from our respondents on that.
- 16 CHAIRMAN HARRIS: Identify yourself for the
- 17 person that's taking the transcript, if you would.
- 18 MEMBER HEAD: Mike Head, and I only have a
- 19 population of one because I interacted with my company's
- 20 audit committee on a regular basis and on multiple years
- 21 of inspection reports.
- 22 And when they talked about in our dialogues in

- 1 the meeting on transparency relative to the inspection
- 2 reports, it really tied very closely to but what's it
- 3 mean for our engagement? What's it mean about our team?
- 4 What's it mean about -- and so we would go through
- 5 exercises and we got to a point where we anticipated it.
- 6 After the first one, it was a fire drill but then
- 7 it was more routine, is taking the other firms'
- 8 inspection reports, comparing it to ours and then going
- 9 through every question and saying if that was applicable
- 10 to our industry and our company and, if so, having our
- 11 auditors respond to how they were addressing it for our
- 12 audit.
- So, I think the audit quality indicators
- 14 initiatives and what our audit committee saw as missing
- 15 information to connect the dots was what about our
- 16 engagement, our team and the quality of that relative to,
- 17 because our audit didn't happen to be in the sample that
- 18 was inspected, and that was the disconnect for them.
- 19 CHAIRMAN HARRIS: Tony, I'm going to let you lead
- 20 the discussion but as the tent cards go up I think that
- 21 Barbara's went up and then Peter's went up. But why
- 22 don't you lead it and --

- 1 MEMBER SONDHI: Yes. Barbara.
- 2 MEMBER ROPER: Barbara Roper, Consumer Federation
- 3 of America. Thanks for the presentation. I found it
- 4 very useful.
- 5 You know, I come at this from sort of a certain
- 6 approach, which is that I think we have a business model
- 7 for auditors that's fundamentally inconsistent with their
- 8 gatekeeper role. So we then spend a lot of time -- so
- 9 when the client is paying the person who is supposed to
- 10 be holding the management accountable, that creates a
- 11 fundamental problem in the auditor's willingness to serve
- 12 in that role effectively.
- So we spent a lot of time on policies that are
- 14 designed to create counter-incentives, and this strikes
- 15 me as an important part of that effort. One of the
- 16 problems we're dealing with here is that there is an
- 17 incentive and even with the audit committee oversight of
- 18 the audit, there is an incentive to under-invest in a
- 19 quality audit, to have pressures on the fees and to have
- 20 that be a factor that drives the conduct of the audit.
- 21 And to the degree that we can look at audit
- 22 quality indicators that are designed to create a counter-

- 1 incentive to invest in a high-quality audit, I think that
- 2 has the potential to be beneficial in the long run. And
- 3 I think a lot of what you've gotten at here in these
- 4 specific suggestions go toward that in terms of both
- 5 looking at how the audit is staffed and the expertise and
- 6 the area.
- 7 And I think it has a secondary benefit in the
- 8 sense of holding audit committees accountable for who
- 9 they hire and how they oversee that audit. So, I think
- 10 you've done a good job in focusing on some key issues
- 11 that are really important to that and I'm very
- 12 supportive.
- 13 MEMBER SONDHI: Thank you, Barbara. Norman, did
- 14 you want to respond?
- 15 MEMBER HARRISON: Yes. Barbara, thank you. I
- 16 agree. I think you raise a very important concept and
- 17 point and we certainly were mindful of that in our
- 18 deliberations and in preparing our presentation remarks
- 19 for today. And you've provided me an opening or a window
- 20 to raise a similar issue that I think should inform the
- 21 staff's and the Board's thinking as you get to the task
- 22 of identifying specific indicators or categories of

1 indicators and their relative value or worth.

- I guess what I would suggest is, and perhaps
- 3 appropriately given that we are the Investor Advisory
- 4 Group, that as you consider specific candidates for input
- 5 and process and output-based indicators, that you overlay
- 6 an investment framework as well, because at the end of
- 7 the day I think what we're doing here in the process of
- 8 developing or proposing indicators is in one form or
- 9 another measuring behavior, measuring behavior of
- 10 individuals, measuring behavior of an enterprise.
- And individuals is relatively straightforward.
- 12 It's the technical competence and the quality and the
- 13 integrity of the people conducting the audits and the
- 14 results of their performance in prior years. But when
- 15 it comes to measuring or assessing the behavior of an
- 16 enterprise, I think one of the ways we have to do it is
- 17 by looking at where and how they've chosen to spend or
- 18 invest their resources. And I think that the audit
- 19 quality indicator discussion and framework gives us an
- 20 opportunity to look at that.
- 21 And as I look back at the discussion paper that
- 22 was prepared for the SAG meeting in the spring and the

1 exhibits which outline the framework and the

2 considerations that underlie each of the potential

3 indicators, it occurred to me that some of those fall

4 more into the category of an expenditure as such, whereas

5 others have more the quality of an actual investment

6 associated with them.

7 And what I mean by that is, for example, if we

8 measure the amount of money that a firm spends on

9 training or on its promotional materials or publications,

10 other current expenditures that are designed to talk

11 about or characterize or reinforce its commitment to

12 audit quality, I'm not sure what we get out of those,

13 other than how much money they've spent. It's like

14 looking at their grocery list for the ingredients they

15 bought for the cake, but until we see the cake or the

16 soufflé come out of the oven, I'm not sure what that's

17 really told us.

18 Similarly, to jump to a balance-sheet analogy,

19 there are intangibles that are, I think, incorporated

20 into some of the indicators, for example tone at the top

21 or some attempt to measure partner fortitude in standing

22 up to a client where there may be a contentious issue.

1 Again, I'm not sure there is as much value in those as

2 there is in what I think of as the third category, and

3 that is places where the firm has in one or another made

4 an actual investment. And, investment in the form of an

5 opportunity cost, investment in the form of allocation

6 of resources to non-fee-producing activities.

7 I think two good examples, and I'll be quick

8 because I know that others want to speak, two good

9 examples of that reflected in our presentation is that

10 in some way I think the indicators that the Board

11 proposes should try to capture and provide some insight

12 into the independence process at the firms, the

13 independence review process. To what extent, to what

14 degree have they demonstrated a willingness to forsake

15 revenue or to put revenue at risk in order to protect the

16 integrity of their audit practice? And we had a good

17 discussion around this at last year's meeting, discussion

18 of the growth of the advisory businesses in the firms and

19 some of the cultural issues that creates. I think that's

20 relevant here as well.

21 And as a second example, again it's reflected in

22 your discussion paper as well as in our presentation, the

- 1 issue of the findings of audit quality review processes
- 2 internally. I think the issue there is not only, you
- 3 know, what are the findings and what can we learn from
- 4 them, but if there is some way to capture the level of
- 5 investment that the firms are making in their QPR
- 6 processes.
- 7 Are they taking partners, high fee-producing
- 8 partners out of rotation for a period to serve in that
- 9 capacity? What is the nature of the follow-on work
- 10 that's being done, the remediation work that's being
- 11 done, the investment that's being made in running these
- 12 issues to ground and being sure they're fixed? And
- 13 that's not a current period issue. That's an issue that
- 14 unfolds over time so that would be my thought and,
- 15 Barbara, I appreciate the point. It's a very good one.
- 16 MEMBER SONDHI: Thank you, Norman. Lynn, did you
- 17 want to respond to this or add?
- 18 MEMBER TURNER: I wanted to come back to Brian's
- 19 question about the transparency and more specifically
- 20 what are people saying about transparency?
- In talking to people who are analysts inside
- 22 these large funds, one of the things, and this goes back

- 1 to one of the comments from Chairman Doty at the
- 2 beginning, they're interested in transparency as far as
- 3 the inspections and the PCAOB oversight process with
- 4 respect to the foreign piece of the audits and that's
- 5 been increased by problems in China and India and
- 6 Singapore. So quite often I get questions from them
- 7 about well, what part of the inspection dealt with that
- 8 and what was the results of that?
- 9 In transparency, for example, they'll look at GM
- 10 and see x percent of the assets over there. What does
- 11 the PCAOB inspection process have to do with that and the
- 12 foreign piece of it? So greater transparency around the
- 13 foreign aspects of it is one question I often get.
- Another, obviously it's been in the press a lot,
- 15 the name of the companies. People go to vote and proxy
- 16 issues come up in proxies, questions get raised about the
- 17 audit and invariably there's the question about, well,
- 18 is this an audit that the PCAOB inspected and was there
- 19 a problem? Often it's been reported in the press where
- 20 there was a problem because they're able to dig into it.
- 21 And it's like, why isn't the PCAOB being more
- 22 transparent, telling us that there was a lousy audit here

1 so we can then factor that into our voting decision so

- 2 it's informed rather than trying to hide it from us?
- And quite frankly, the recent SEC enforcement
- 4 action against the three auditors has the same problem
- 5 because the Commission has gone dark in some recent
- 6 enforcement actions including that with respect to
- 7 telling us about what company was it where there was a
- 8 lousy audit and you took action against an auditor? So
- 9 that was a transparency problem with respect to the
- 10 Commission, not only the PCAOB but also the Commission
- 11 in some cases.
- 12 And more about the error rates, if you will. So
- 13 if you inspected, questions that people often arise, if
- 14 you inspected audits, how many audits did you inspect?
- 15 How many had a significant problem, significant enough
- 16 that you note it in the report and how many were passed
- 17 with no problems?
- When you're in manufacturing, we would put out an
- 19 ISO 9000 type report that would say, okay, you got a 99.9
- 20 percent okay output on the chips you were doing and only
- 21 0.01 error rate. That tells people something as opposed
- 22 to if you say there's a 95 percent okay and 5 percent

1 error rate, so some statistics about that that tells us

- 2 what the error rate is and what the okay rate is too.
- 3 So those were the things that I've heard fairly
- 4 common in conversations with people about the inspection
- 5 process and the issues that they've raised. And
- 6 certainly the foreign thing that Jim raised is something
- 7 that comes up quite often in light of the problems that
- 8 they've had in audits. And I think it's also reflective
- 9 of the survey results up there where the questions about
- 10 the effectiveness of the regulation is much higher when
- 11 it comes to Asia or overseas versus here in the U.S., so
- 12 I think that's important.
- And then I'd just go back to what Barb said about
- 14 the audit quality and the issues with the audit. Having
- 15 watched this profession over four decades now, I do
- 16 believe and have come to the conclusion that until
- 17 someone actually deals with the fundamental issue of who
- 18 pays the auditor, that the rest of what we do, be it
- 19 audit quality indicators, issues on independence,
- 20 mandatory rotation or whatever, they can all be helpful
- 21 but they will never solve what the problem is.
- 22 And we've spent 100 years now trying to find a

- 1 way to deal with the problem without dealing with it and
- 2 I think until we deal with that problem we're just going
- 3 to continue to add a lot of cost to the system but we
- 4 will never, ever solve the fundamental problem. So while
- 5 I support and think mandatory rotation's good, the audit
- 6 quality indicators are all good, I think that's useful,
- 7 it's good to know that the firms are actually managing
- 8 and measuring quality, until you deal with the who pays
- 9 the auditor issue, you will never solve the problem.
- 10 MR. CROTEAU: Can I just -- sorry, just
- 11 responding to one piece.
- 12 MEMBER TURNER: Yes, please.
- 13 MR. CROTEAU: Just on the SEC enforcement actions
- 14 relative to auditors. Of course, when a firm is barred
- 15 by the SEC, ultimately, you're probably aware that re-
- 16 audits end up being required for all of the audits that
- 17 are performed by that firm ultimately because they can
- 18 no longer consent.
- 19 And so it becomes very public who all of the
- 20 audit clients are that are involved in that kind of a
- 21 situation, like at least one of the ones you're
- 22 mentioning.

- 1 (Off microphone discussion)
- 2 MEMBER SONDHI: Peter.
- MEMBER NACHTWEY: Thanks, Tony. And I like what
- 4 Barbara said. I think you guys did great work. I was
- 5 really curious what was going to come out of this
- 6 subgroup and I think, again, a lot of great work.
- 7 A question and then couple of observations. On
- 8 the survey, the one thing I was surprised at was the area
- 9 of the world that I stay awake most at night about, which
- 10 would be APAC, is the one that had the strongest views
- 11 around the enforcement regulatory oversight versus the
- 12 U.S. where I think we have much, certainly not perfect,
- 13 never will be, but I think much better than APAC.
- Any sense of what that is? Because there was
- 15 quite a big survey population, so it should have been
- 16 statistically accurate I quess.
- 17 CHAIRMAN HARRIS: Can everybody speak into the
- 18 microphone. There's some problems in terms of hearing,
- 19 so.
- 20 MEMBER SONDHI: Yes. Peter, I certainly agree
- 21 and that's, you know, explains why I put the word
- 22 interesting in front of that result and that's exactly

- 1 what I meant. I was surprised by it and I think the only
- 2 way that one could answer that would have been to go back
- 3 in and ask a lot more people.
- I do have in the survey results, if you'd like to
- 5 see them, there are actually individual comments from
- 6 people as well that we've captured but it does not answer
- 7 the question of why there is that disparity.
- 8 MEMBER NACHTWEY: And then maybe that's for a
- 9 future version but, you know, that one looked a little
- 10 strange to me. So again, having said that, I think it
- 11 was great work. You know, important to keep cost-benefit
- 12 in mind and I'm reminded of something one of my early
- 13 accounting professors used in one of our classes. I'm
- 14 sure it was not his quote, but the old adage of not
- 15 everything that's important is measurable and not
- 16 everything that's measurable is important. So I think
- 17 we got to, you know, keep that in mind. I think the
- 18 committee did a good job, subgroup or working group, in
- 19 terms of trying to filter for that.
- 20 But I think we should keep coming back. You
- 21 know, this issue of putting cost into the system, it'll
- 22 be at many levels. So important that whatever we do

- 1 decide to measure, that those are worth measuring and
- 2 worth the cost. And whatever we decide not to measure
- 3 but it's important is making sure that gets its due.
- 4 And I think this goes back to the focus Tony said
- 5 early on as to what's the appropriate role of the PCAOB
- 6 versus audit committees and other governance structures?
- 7 And I think PCAOB trying to do some sort of assessment,
- 8 qualitative, you know, quantified assessment audit by
- 9 audit would be very difficult, and doing something by the
- 10 firm level makes a lot of sense to me at the PCAOB level.
- 11 But then it comes down to what are audit
- 12 committees doing in terms of looking at the real
- 13 qualitative issues, because it is audit by audit. It's
- 14 partner by partner, person by person on these
- 15 engagements. And, you know, I think that Judge Sporkin's
- 16 comment, I had the same reaction in terms of forward-
- 17 looking, you know, types of quantitative things. I think
- 18 you're going to have a hard time coming up with
- 19 quantitative things that are forward-looking by
- 20 definition because audits are audits of historical
- 21 financial statements.
- That doesn't mean that there aren't things,

- 1 though, that particularly audit committees can get their
- 2 arms around. So what's the quality of the partner or
- 3 partners and other senior people on the engagement?
- 4 What's the level of knowledge about the industry and the
- 5 company? Because the larger and more sophisticated the
- 6 company, the more important it is that you not only know
- 7 the industry but what's going on inside the company.
- 8 So just, again, I know you're being thoughtful on
- 9 that but I encourage the PCAOB to be thoughtful as we
- 10 come out with regulation.
- 11 The other thing I didn't see up there, well, it
- 12 may have been tangentially talked about, but there is a
- 13 reliance on a lot of other experts, including internal
- 14 audit. And having some sort of, you know, quality
- 15 indicators about are you relying on quality experts when
- 16 you're doing an audit would also be important. But,
- 17 again, probably comes down to company by company type of
- 18 information.
- 19 And then the audit firm-level quality indicators
- 20 I thought were, again, interesting but important to --
- 21 they're nuanced, right? So the number of hours a brand
- 22 new partner can supervise versus somebody who's been

- 1 around 20 years is going to be very different. So I
- 2 think the firm-level stats, the firms are big enough that
- 3 they're probably relevant, but when it comes down to each
- 4 individual audit, making sure there's some room for
- 5 judgment there.
- 6 And ditto on the number of clients. So, I spent
- 7 27 years in the profession before spending now ten years
- 8 in industry. And early on in my career I was serving
- 9 dozens of clients but they were all small, not very
- 10 sophisticated. At the end of my career I was doing one
- 11 client, but I had 400 partners working on it around the
- 12 world. So again, the level of complexity I think is
- 13 important and you can only get at that where the rubber
- 14 meets the road, which is kind of audit committee
- 15 oversight of the specific auditor and audit that's being
- 16 done at their company.
- 17 MEMBER SONDHI: Thank you, Pete. I certainly
- 18 agree with a lot of what you've said. I do believe that
- 19 this is a process that's going to take us some time.
- 20 These are our first steps.
- 21 Every single nuance that you have mentioned is
- 22 certainly worth, you know, thinking about, worth dwelling

- 1 on, and I think what we're going to have to do is look 2 at the initial results that we get and think about what
- 3 we want to continue.
- 4 As you said with that quote from your accounting
- 5 professor, what helps us is that we can always change
- 6 what we're measuring after we learn more about what we
- 7 have measured. And that's the process, as an analyst,
- 8 that's what I do all the time. Again, as you said, I
- 9 take historical information, I combine what I think is
- 10 going on and try to develop measures based on that, risk
- 11 assessments based on that. But I certainly agree. This
- 12 is a learning process. You know, it's not clear to me
- 13 how much of it we're going to get right the first time.
- Joe, you had some questions or comments?
- 15 MEMBER CARCELLO: Yes, three, and two of them are
- 16 relatively short.
- On the first one, I saw that you had up there
- 18 abnormal accruals, Tony, and it's certainly used all the
- 19 time in the academic literature and I've used it a bunch,
- 20 so this is really as much for Greg as anybody.
- 21 Greq, you might want to look at in addition to
- 22 abnormal accruals, if you're looking at that, GMI has an

- 1 index. It's called the Accounting and Governance Risk
- 2 Index. And there's a paper in the Journal of Financial
- 3 Economics that takes all of these ex ante indices and
- 4 then correlates them with ex post outcomes, like
- 5 restatements and fraud and so forth. And there's some
- 6 evidence that the AGR index may be better than abnormal
- 7 accrual so, at a minimum, you probably should look at
- 8 that.
- 9 Second comment is, Tony, you talked a lot about
- 10 risk measures that at least to me toward the end of your
- 11 presentation seem more related to what I would call
- 12 financial reporting quality than just purely audit
- 13 quality. And as I think we know, financial reporting
- 14 quality is really a joint product of the effort of
- 15 management, the audit committee and the auditor, and so
- 16 you just have to recognize that. It makes it a little
- 17 bit more complicated.
- And another issue you have to think through, and
- 19 certainly the Board will need to think this through, is
- 20 not all accounting firms have equally risky client
- 21 portfolios. So you do have to think -- you know, you see
- 22 this now in medicine, right, where we're going to rate

- 1 doctors and we're going to rate hospitals, and some
- 2 doctors and hospitals treat sicker people and they're
- 3 going to die more often.
- 4 And so you've got to be careful that if you
- 5 create incentives for accounting firms to say, if we have
- 6 a risky portfolio we're going to get dinged, I'll just
- 7 resign from my risky clients. I'm not sure that's in the
- 8 best interest of the capital markets.
- 9 The third point is that, as I listened to this
- 10 presentation, I don't disagree with many of the things
- 11 you had up here, is that the challenge in my mind is that
- 12 unlike the United Kingdom where much of the accounting,
- 13 auditing and corporate governance regulation is housed
- 14 at the FRC, we have chosen in this country to split those
- 15 three roles between the FASB, the PCAOB and the SEC. And
- 16 in my view, some of the most challenging issues facing
- 17 the profession is going to require closer coordination
- 18 and cooperation between those three groups than may have
- 19 been the case historically in the past.
- 20 MEMBER SONDHI: Thank you, Joe. I certainly
- 21 agree with respect to, again, with your comments. I also
- 22 agree, certainly very strongly, that we are talking about

- 1 financial reporting quality, because fundamentally, as
- 2 an investor, that is what I am concerned about more than
- 3 anything else because that's the raw data that I use to
- 4 make my assessments.
- 5 But I believe that combining audit quality
- 6 indicators or developing them on the basis of financial
- 7 reporting quality is a fundamentally critical component
- 8 of what we have to do. I have no illusions about this
- 9 being easy or anything at all. In fact, I remember when
- 10 Steve first called me and asked me to take a look at this
- 11 and do this. You know, I was wondering what the
- 12 objective was and how we were going to get there. So
- 13 there's no question that this is very difficult. I
- 14 appreciate the comments, though.
- 15 And Curt, you have been very patient. Thank you.
- 16 MEMBER BUSER: Thank you. So first thing, I just
- 17 want to applaud all the work that's been done on this and
- 18 this is obviously key to everything. You can't set
- 19 standards, you can't inspect if you can't define quality.
- That said, Tony, one of your comments here really
- 21 on the output-based audit quality indicators I found
- 22 fascinating. And just as a crazy thought, you know, it'd

- 1 be interesting to explore, you know, there's a number of
- 2 tools, some of the tools that Joe spoke to, that kind of
- 3 would indicate fraud or other abnormalities.
- 4 Maybe a company is required to run that report,
- 5 maybe a company is required in its public filings to
- 6 respond to those indicators and maybe its auditor is
- 7 required to provide assurance on both, you know, that the
- 8 report was run right and that the answers provided by
- 9 management were clear.
- 10 And you could go one step further, and what did
- 11 the auditor do to test? That would provide both, you
- 12 know, to your point, an output-based kind of product, a
- 13 way for investors to kind of see the process and to make
- 14 very good indications and evaluations based on that
- 15 result and it would be company-specific. Would it be
- 16 perfect? Absolutely not. And it would also have the
- 17 advantage potentially of keeping things focused.
- 18 When you get into risk indicators, I feel like
- 19 I've already got 50 pages of risk indicators and so, you
- 20 know, being focused on the right things, I think some of
- 21 these tools could be very helpful.
- 22 MEMBER SONDHI: Thank you, Curt. I certainly

- 1 agree that it is going to be difficult and may remain
- 2 difficult to design perfect indicators. I'm reminded of,
- 3 I believe it was Somerset Maugham who said that
- 4 perfection is mastery of the, you know, state of nature
- 5 and nature keeps changing.
- 6 So this is a process that's going to take us a
- 7 while to get there. Certainly commendable I think.
- 8 Hopefully we will keep working on it.
- But all we can do, and if I combine what Joe said
- 10 and what you said, you know, it is a difficult task. The
- 11 objective, however, ought to remain clear that the idea
- 12 is to see if we can improve all of this, the audit
- 13 quality, the financial reporting quality, the information
- 14 that's available to investors, so that they can make
- 15 better and more informed decisions. But that's what this
- 16 entire process is all about. Thank you.
- 17 And, yes, Mercer you've --
- 18 MEMBER BULLARD: Thank you, Tony. Mercer
- 19 Bullard. It's a pleasure to be here. As a new member,
- 20 I wanted to say it's already been a great experience, as
- 21 I expected and look forward to working with all in the
- 22 future. I had just a thought and a question. The

- 1 thought is on the study. You know, it's interesting.
- 2 From a regulatory lawyer's point of view, when I see
- 3 questions about oversight and enforcement, from my
- 4 experience those are not only independent things, they
- 5 operate on independent tracks and they often go in
- 6 opposite directions. And if you ask a regulatory lawyer,
- 7 you know, where's the SEC going? The answer will be,
- 8 well, they're rulemaking or they're rulemaking by
- 9 enforcement.
- 10 So I thought it odd. I don't know how CFA see
- 11 that split, but I think that's the way a lot of lawyers
- 12 would view most agencies. The other question goes to
- 13 Barb's point about, well, you've got this conflict of
- 14 interest that all of the public accountants have. How
- 15 do you manage that?
- 16 And typically, in a regulatory process, you manage that
- 17 by putting in place counteracting forces. And, you know,
- 18 this is a presentation that was rich with details about
- 19 how you would present information and use what I think
- 20 is often the most effective tool and that is public
- 21 disclosure of facts, empirical analysis, to try to move
- 22 the ball in the direction you want it to move.

- 1 And in particular you have, and this relates
- 2 somewhat to Joe's comment, a really rich empirical data
- 3 set. For example, the chart that began with the accruals
- 4 had two pages of what, at least I would see, are very
- 5 concrete, to a great extent measurable objective criteria
- 6 as to what's gone wrong.
- 7 And you could fairly easily do an empirical analysis of
- 8 the correlation between that and who's not finding it and
- 9 the particular auditor involved.
- 10 Then you have a second category, and this is how
- 11 I've seen a lot of what I've learned so far in this
- 12 process, is you've got the things that matter, the
- 13 problems and the fixes. And then you've got what might
- 14 be described as the conditions for success, tenure,
- 15 salary, expertise, things that in and of themselves don't
- 16 have intrinsic relevance to the product that you're
- 17 trying to create.
- 18 But there is presumably some correlation and a lot of
- 19 times I see what's up there as being intuitively
- 20 correlated but I haven't really seen any empirical
- 21 evidence. And I'm always extremely skeptical of those
- 22 intuitions because often they turned out to be completely

- 1 wrong.
- I don't know if paying more or less to somebody
- 3 or more salary somewhere and less somewhere, or even
- 4 tenure, is absolutely necessarily related to quality, but
- 5 I certainly think that it could be correlated fairly
- 6 tightly on an empirical basis. But I didn't see much of
- 7 that in the program so I'm wondering, have you all looked
- 8 at that? What is out there in the literature? Maybe Joe
- 9 has an answer to that question. And is this something
- 10 that the Board and/or the committee is looking to either
- 11 do or stimulate going forward?
- 12 MEMBER SONDHI: Thank you, Mercer. I certainly
- 13 think that there, I agree. There is a lot of academic
- 14 literature, and there's a lot of other quantitative
- 15 analyses out there. Analysts are always doing this.
- 16 They're trying to find ways around it. This is what we
- 17 do for a living in a sense. It is accessible. The one
- 18 thing I would warn about academic literature and certain
- 19 other kinds of analyses is that you do have to be careful
- 20 about the construct.
- 21 And there was a great example when Brian was
- 22 asking about transparency. What matters is, you know,

- 1 the way that question is posed. How much background
- 2 information did you provide? Did you explain what you
- 3 are doing? Because these words mean different things to
- 4 different people. And, you know, what I think
- 5 transparent means may be completely different from what
- 6 somebody in the APAC thinks transparent means.
- 7 So there is data available, there are analyses
- 8 available, but you do have to be very careful with the
- 9 way they're structured and the way they're analyzed.
- 10 Academic research should be viewed with just as much
- 11 skepticism, I think, as anything else. I have been an
- 12 academic for more than 30 years and done a fair amount
- 13 of this research as well. But it is something that you
- 14 have to be careful about, and transferring it to
- 15 regulation, oversight, enforcement is not an easy task.
- 16 There's no question about that.
- 17 Chairman, you had some comments or --
- 18 (Off microphone discussion)
- 19 MEMBER SONDHI: Okay. Anne.
- 20 MEMBER SIMPSON: Anne Simpson, CalPERS. I was
- 21 just sending a little note to my team and I'll give you
- 22 the results if they answer. In this audit quality

- 1 framework, it's already been mentioned by Barbara and
- 2 others that one of the most important things is off the
- 3 table.
- It's not even to be talked about, which is the
- 5 structure of the business model and the constraints that
- 6 imposes on quality. Also I think issues like
- 7 competition, tenure, which is why we support rotation.
- 8 So I would love to know what you would write about that
- 9 if you were asked just to have a long footnote on the
- 10 subject, so that's a question.
- 11 The other thing is maybe an observation which is
- 12 that in this audit quality framework, the clients are the
- 13 shareholders, people like CalPERS. And I'm struck that
- 14 it is, you know, rarer than hens' teeth to find a
- 15 shareholder vote to not reappoint the auditor, even when
- 16 some pretty shocking things happen. So I recall this
- 17 season we voted against the reappointment of the auditor
- 18 at Walmart, being most concerned about the progress of
- 19 the investigation on allegations of significant
- 20 corruption.
- 21 And also at HP where not once, twice, but three
- 22 times there had been a huge writedown after an

1 acquisition. And if I recall correctly, the SEC imposed

2 their current auditor on HP because of conflicts of

3 interest around HP, trying to find the consulting

4 business of the previous auditor. Anyway, what a tangled

5 web we weave. The point is what is the recommendation

6 for shareholders, because if we see regularly 99.99999

7 percent votes in favor from the supposed clients, the

8 users of the financial statements, then really we're

9 putting all the burden on the shoulders of the regulator.

10 And we're great supporters of what PCAOB is

11 doing. There's a lot we can do, like the transparency

12 proposal we're looking forward to, the great work of your

13 group. But at the end of the day, what is it that

14 shareholders should be doing? Do we, can we take these

15 audit quality indicators and, actually if we could hoof

16 the vote up against auditors when there was a poor job

17 I think it would concentrate minds wonderfully and at the

18 moment -- I will get some numbers for later in the day

19 so you can see.

You know, could we have a section in this which

21 says this will all work much better if the owners of

22 companies were to step up and vote and use their proxies?

- 1 So two thoughts really: could we have a footnote on the
- 2 external environment, what should we be thinking about
- 3 to make it a better environment for improving audit
- 4 quality? And what is the to-do list for the
- 5 shareholders, because we do have votes and I wonder how
- 6 they can be used more effectively? Thank you.
- 7 MEMBER SONDHI: Thank you, Anne. I'll get back
- 8 to those, but I'm going to let my team members comment
- 9 and, Lynn, would you like to go first? He's never been
- 10 asked this question before but --
- 11 MEMBER SIMPSON: I'm sure Colorado's leading the 12 way.
- 13 MEMBER TURNER: Yes, I voted with Anne, so.
- 14 CHAIRMAN HARRIS: Actually let me just step in
- 15 for one sec because, you know, we're ten minutes or 12
- 16 minutes away from break time, which is 11 o'clock, so why
- 17 don't we try and keep everybody to three or four minutes.
- 18 I certainly want to recognize, well, I guess Lew's tent
- 19 card went down. But I also want to give --
- 20 (Laughter)
- 21 MEMBER SIMPSON: He just gave up.
- 22 CHAIRMAN HARRIS: Or keep it back up, but I want

- 1 to make sure that people who have not been heard from
- 2 have the opportunity to be heard from. And then, Greg,
- 3 I think in all fairness, I'd like to hear your wrap-up
- 4 in terms of what you've taken away from this and also I'm
- 5 interested in what's doable in short term.
- 6 MEMBER SONDHI: Okay, very good. So, Lynn, if
- 7 you would.
- 8 MEMBER TURNER: Yes, I just hearken back to the
- 9 Treasury Committee report on this matter which is what
- 10 got all this rolling, along with the letter that the
- 11 Treasury Committee received on it. The Treasury
- 12 Committee did recommend that there be something included
- 13 here on the business model in the annual report from the
- 14 firm, so there is some on that, and a lot of discussion
- 15 about difficulty. Probably 90 percent of those measures
- 16 that were up on the board are already measured by the
- 17 firms, so I don't understand all the discussion about
- 18 difficulty because 90 percent are already measured by the
- 19 firms.
- 20 But there was the point about abnormal accruals.
- 21 I get concerned when I see that one up there because
- 22 that's a financial reporting issue and I think you have

- 1 to keep the financial reporting issue separate and
- 2 distinct from the audit numbers.
- 3 And I think the best indicator on abnormal accruals,
- 4 whatever that might be, is the PCAOB inspection reports,
- 5 because they're the people that get in and are able to
- 6 see those type of things. And getting data out of the
- 7 inspection reports I think is probably the best indicator
- 8 of quality on the audit of those abnormal accruals.
- 9 So I'd be very careful about getting into a
- 10 financial reporting quality issue as opposed to an audit
- 11 quality issue.
- 12 But, again, the biggest point is most of these things are
- 13 already measured by the firms internally, so all this
- 14 discussion about difficulty I see as being unwarranted
- 15 because most of them are already measured.
- 16 MEMBER SONDHI: Thank you. Michael?
- 17 MEMBER HEAD: And I quess-- I'm Mike Head. My
- 18 thoughts really focus around a little bit what Steve was
- 19 ending up with, is for this to be doable it can't be the
- 20 regulator, be it SEC or PCAOB, gathering all this
- 21 information and disseminating it in the true sense of
- 22 creating it. The firms are already monitoring and

- 1 tracking the large percentage of this in the
- 2 administration of their own internal quality programs,
- 3 and I think this initiative needs to be more about what's
- 4 necessary to be publicly disclosed?
- 5 Maybe it has to be included in the footnote of
- 6 the financial statements subject to audit, as was said
- 7 before, and the firms need to be providing it to the
- 8 PCAOB and their clients, and the audit committees need
- 9 to be monitoring those. I think the guidance from PCAOB
- 10 is how can that be consistently structured and applied
- 11 so that it's consistent information available to the
- 12 investors to use so they can compare apples to apples,
- 13 not trying to create it, but provide quidelines for
- 14 consistency so investors can use it and mandate it.
- 15 MEMBER SONDHI: Thank you, Michael. Norman.
- 16 MEMBER HARRISON: Thank you, Tony. I'll be very
- 17 brief. This is Norman Harrison. I wanted to link back
- 18 to Joe Carcello's comment a few minutes ago about issues
- 19 around riskier audits, riskier companies, industries for
- 20 which there are more technical rules, more complexity of
- 21 the audit process. You'll note in our list of categories
- 22 of recommended indicators there are three, as Tony

- 1 indicated in his presentation, that we recommend be
- 2 disclosed or reported by major industry group.
- 3 And I think that raises another interesting
- 4 question for the Board, you know, one we've discussed
- 5 here on prior occasions, one that I know is under
- 6 consideration in other categories here, and it relates
- 7 to the issue of transparency of financial results by the
- 8 Big Four. I think there is some recognition that one of
- 9 the risks of the structure of the profession or the
- 10 industry as it exists today, is that depending upon the
- 11 industry the issuer is, in there may not necessarily be
- 12 a Big Four.
- 13 There may be a Big Three or a Big Two depending
- 14 on what industry you're in, the level of expertise
- 15 required, the technical rules around your business,
- 16 whether it's natural resources or pharmaceuticals, you
- 17 name it. Each of the four Big Four firms may not be
- 18 equally equipped or bring comparable levels of expertise
- 19 to your particular industry.
- One data point that would be interesting, and
- 21 whether it arises in this context or in a separate
- 22 category of issues relating to audit firm transparency,

- 1 would be some disclosure around the percentage of fees
- 2 that firms have earned by industry, the issuer, because
- 3 in that data point, and particularly in a year-to-year
- 4 comparison, you get some sense of what the market thinks.
- 5 How has the market voted with respect to levels of
- 6 quality, expertise, technical competence among the firms
- 7 on an industry-by-industry basis? So I'd just throw that
- 8 out for consideration.
- 9 MEMBER SONDHI: Thank you, Norman. Robert.
- 10 MEMBER TAROLA: Thanks, Tony. Robert Tarola.
- 11 Well-done, group. I may be the only one in the room
- 12 that's having trouble trying to figure out how I would
- 13 use this information as a chair of an audit committee or
- 14 director of a company. First of all, in my way of
- 15 thinking, quality information is relative. So it's going
- 16 to create winners and losers, perhaps. Secondly, I
- 17 believe that quality can be more effectively achieved
- 18 through the systemic issues that Barbara raised, Joe
- 19 raised, Mercer raised, where the system is designed to
- 20 be more effective, as opposed to an individual activity
- 21 being deemed more effective by virtue of some measures.
- 22 And, moreover, my fear is that these measures may

- 1 focus the effort on the current balance sheet and not
- 2 necessarily on the sustainability of the enterprise or
- 3 the achievement of goals, objectives and strategy, which
- 4 is also a very key element of what directors are
- 5 concerned about. And auditors, in some way, play a role
- 6 in helping assess the achievability of those objectives.
- 7 So I guess I'm encouraging more of a higher-level view
- 8 of quality indicators to improve the system, the
- 9 structure, more so than determine whether or not, you
- 10 know, an accrual was relevant or auditable.
- 11 MEMBER SONDHI: Thank you. And, Lew, would you
- 12 like to --
- 13 MEMBER FERGUSON: Yes, I was going to make a
- 14 couple of comments, and I start off by saying that I
- 15 completely agree with Lynn, that much of the stuff that
- 16 we've put up here is already being measured by firms.
- 17 They measure everything, including, probably the body
- 18 temperature of all their paid employees every day, but
- 19 they have this immense amount of data, and you can run
- 20 infinite numbers of correlations between data and
- 21 different kinds of indices.
- The problem with that, is that correlation is not

in order to understand whether the 1 causation and 2 correlation really means anything, I think you've got to 3 get much more deeply into the behavioral things that 4 underlie those correlations. And that is not something 5 that I think people are asking very creative questions I think one of the things regulators can do, as 7 we get big bodies of data from numbers of firms, we may 8 be able to look at this comparatively and see why is one 9 firm different from another, what those differences are. 10 What do they indicate? What do they tell us about 11 possible differences in ways of operating? 12 And we don't really get that data yet, partly 13 because we don't ask for it. We're beginning to, and I 14 think as Greq Jonas does his project we will do that. 15 But I'm skeptical of just talking about gathering data 16 and correlating it, coming up with correlations. 17 think that really leads to things that are terribly 18 interesting. Just one anecdote too about how if you 19 change the rules you can change behavior. The United 20 Kingdom, the Financial Reporting Council this year put 21 out a rule basically saying that you have to retender 22 your audit every ten years, and you can keep the current

- 1 auditor but the audit committee then has to explain why 2 it did it.
- 3 And in talking to the U.K. regulators, when they
- 4 did that their expectation was that people would,
- 5 particularly big companies would retender or reappoint
- 6 the same auditor and explain. That is not happening.
- 7 For whatever reason, these big audit committees do not
- 8 want to explain why they're keeping their auditor. And,
- 9 for example, the auditor of HSBC Bank has been changed.
- 10 The auditor of Lever Brothers is being changed. It looks
- 11 like the auditor of Royal Dutch Shell may well change.
- 12 It's really quite interesting to see, when you put it to
- 13 the audit committee to explain why you're keeping your
- 14 auditor in a long-form report, they tend to change
- 15 behavior.
- 16 MEMBER SONDHI: Thank you, Lew. Steve, I'm going
- 17 to -- but before, just one last comment. I --
- 18 CHAIRMAN HARRIS: There are two things. First of
- 19 all, comment as you see fit. We'll give you time. But
- 20 then if you could also, for my final question, in terms
- 21 of try and give us some focus on what you would consider
- 22 our priorities, because I'm very goal oriented. I like

- 1 to accomplish things, you know, within a time period
- 2 which is reasonable. And then I'd like, Greq, for you
- 3 to wrap up your thoughts as you see fit, so thank you.
- 4 MEMBER BUETTNER: Steve.
- 5 CHAIRMAN HARRIS: Oh, I'm sorry, Bob, absolutely.
- 6 No, go ahead. No, absolutely.
- 7 MEMBER BUETTNER: Bob Buettner. I quess I'd be
- 8 in the minority here but my belief is that a tight focus
- 9 on the granular quality indicators, actually, is very
- 10 important. And you mentioned that you had originally
- 11 come up with something close to 70. To be honest, I
- 12 think the more the better. As an investor who is
- 13 frequently looking for companies that I believe are
- 14 either manipulating their accounting, or adopting the
- 15 most liberal interpretation of an accounting statute, I'm
- 16 all about the micro and the focus and the quantitative
- 17 indicators.
- I think the market does a phenomenal job of
- 19 providing a lot of that information as well. It's
- 20 obviously not something that could ever be incorporated
- 21 into an audit, but I think those micro-indicators are
- 22 extremely important to surface the frauds and the

1 accounting misstatements that we, as members of this

2 committee, hope to prevent, because obviously there are

3 deep investor losses that are associated with many of

4 these events. So it does sound like the minority view

5 here among the members, but I would say that those

6 quantitative elements in looking at potential financial

7 statement reporting or misreporting are extremely

8 critical.

9 MEMBER SONDHI: Thank you, Robert. Let me just

10 summarize, and then respond to Steve's question. I

11 certainly think that we ought to be collecting a lot of

12 this information. I am under, however, no illusion that

13 we're necessarily going to get it right the first time

14 or maybe the second time. I think it is going to take

15 a lot of work. In response to both Joe Carcello and Lew

16 Ferguson, my comment about being careful and skeptical

17 about academic research was precisely about the confusion

18 between correlation and causality.

19 I am mindful about that and I think that Greq is

20 going to have to work awfully hard to ensure that he

21 remains careful about that as well. Having said all of

22 that, I also would mention that as Lynn has pointed out

- 1 many of these things are being measured already, if not
- 2 90 percent or more of them. It is not a question of the
- 3 cost. It is not a question of, you know, whether it can
- 4 be done. The issue is how is it that we're going to use
- 5 the information, and how is it that we're going to help
- 6 people make better decisions?
- 7 I remain -- unfortunately we don't have enough
- 8 time, but I am mindful of Judge Sporkin's question as
- 9 well. We have talked about process. We have a lot more
- 10 indicators that we raised and discussed and we're more
- 11 than happy to share those with Greq and his team. We've
- 12 tried very hard to do it but I don't view this as being
- 13 done just because, you know, there's a limit on how much
- 14 time we had to talk about this today. I'm open to
- 15 suggestions and to continuing this process.
- 16 With respect to one other point that has been coming up
- 17 around here and that is whether the indicators
- 18 recommended or listed here are indicators of financial
- 19 reporting quality. That is an age-old issue as well.
- 20 People are always talking about where to draw the
- 21 line between audits and analysis and so on. We're
- 22 talking here, I believe, about a circumstance where we

- 1 need to find a way to combine these. As Robert said,
- 2 investors need this information. I don't care if I use
- 3 a financial reporting quality indicator to understand an
- 4 audit better. What I'm talking about here is that we
- 5 need to look at these and ask ourselves, can we develop
- 6 good indicators of outputs and results to provide
- 7 information content, predictive ability in our audit
- 8 quality, keeping in mind benefits and costs? But this
- 9 is a process. This is a start and we need to do this and
- 10 we need to be very careful and very creative about how
- 11 we use that.
- 12 The last point, Steve, to your question about
- 13 what to do. I think that we need to focus on audit
- 14 quality. That does not mean we get rid of, or not talk
- 15 about, the indicators that deal with audit firm quality
- 16 or with the audit process. Clearly they are components
- 17 of this. But the focus has to be on audit quality. It
- 18 is more difficult. I think it's the output-based
- 19 indicators with the kinds of characteristics that I have
- 20 mentioned here that we need to focus on. And thank you
- 21 very much, all of you, for listening.
- 22 CHAIRMAN HARRIS: Greg Jonas.

- 1 MR. JONAS: Just some closing comments. This is
- 2 Greg Jonas. First, on the comforting side, you know, the
- 3 staff's nightmare for sessions like this is that the
- 4 group talks about fundamentally different things than the
- 5 staff has concerned itself with, and I am comforted that
- 6 the types of things that you are grappling with are the
- 7 same types of things that we are grappling with. That
- 8 said, I think you've certainly added a lot to our
- 9 understanding of the specific things that you have in
- 10 mind and some specific ideas for metrics that we will
- 11 certainly take forward.
- 12 Some main points that I got out of this were,
- 13 first, that the engagement-level metrics are at least as
- 14 important as firm-level metrics and that those
- 15 engagement-level metrics are as important to get to
- 16 investors as they are to audit committees. Second, your
- 17 focus on results: I am reminded of, you know, faith,
- 18 hope and love and the greatest of these is love. So we
- 19 have people, process and results and the greatest of
- 20 these is results. You've made that point quite clearly.
- 21 And certainly your plea for having results metrics that
- 22 are forward-looking and predictive, we, too, have longed

1 for those and any ideas on that front beyond what you've

2 already presented are most welcome. I think that's the

3 most challenging area of this process.

4 Final observation is there are two other projects

5 at the PCAOB underway that are tightly aligned with the

6 audit quality indicator project that hasn't come up yet,

7 but I wanted to mention them before we parted. First

8 there is Marty Baumann's effort in standards to update

9 the quality control standards. This is, of course, how

10 does an audit firm know that its audit practice is of

11 high quality and under control? And then a second

12 project aligned to this is in our inspections division

13 and a wonderful project on root-cause analysis. When

14 firms' audits are done very well or when they are done

15 badly, what is the underlying reasons?

And working with the firms to articulate those,

17 I believe that that's the flip side of root-cause, of

18 audit quality indicators. I think done really right,

19 audit quality indicators are really addressing root-cause

20 issues. And there was a lot of conversation today about

21 the importance of incentives and trying to use AQIs in

22 part to align for a fundamentally challenged incentive

- 1 system. And quality indicators that get at incentives,
- 2 I think, are one example of root-cause type indicators.
- 3 So with that, I cannot thank you enough for this very,
- 4 very valuable input. This has been wonderful.
- 5 CHAIRMAN HARRIS: Tony, I also, once again, want
- 6 to reiterate my thanks to you for taking on an
- 7 extraordinarily difficult subject matter area. I want
- 8 to aggressively encourage you to keep in touch, and your
- 9 working group, with Greg. You are the Investor working
- 10 group or Advisory Group representatives to the Board.
- 11 This is a high-priority issue. When Nina outreached to
- 12 all members in terms of what working group they wanted
- 13 to participate in, this issue scored very highly. So for
- 14 all of those who deferred to other working groups, thank
- 15 you for deferring. We look forward to hearing from you
- 16 very shortly.
- 17 And, Norman, Michael Head, Lynn, Damon and Gary,
- 18 thank you very much for your input and we look forward
- 19 to an ongoing, continuing discussion with you, presumably
- 20 through you directly with the group, and Greg Jonas, so
- 21 thank you. Mr. Chairman, do you want to say anything
- 22 now?

- 1 DIRECTOR DOTY: Academic studies. I have, for my
- 2 sins, been reading Cass Sunstein and other economists and
- 3 behavioral scientists. And they do go into some
- 4 interesting notions that pick up on what Peter was
- 5 saying, that there are co-beneficiaries of regulatory
- 6 systems. Co-beneficiaries are often very important and
- 7 sometimes, as Peter Nachtwey said, quite difficult to
- 8 measure what the benefit is in quantitative terms for
- 9 those co-beneficiaries. But what I take away from what
- 10 the group has come up with is something Greg Jonas just
- 11 touched on.
- 12 There is no doubt that, in your view, the audit
- 13 quality indicator project will not be a success unless
- 14 it recognizes and produces a system or an approach that
- 15 is useful for co-beneficiaries, not only the auditor, not
- 16 only the audit firm through root-cause analysis, not only
- 17 the audited firm through the audit committee, but also
- 18 the investor community in terms of making it, as Anne
- 19 Simpson says, more effective in dealing with what the
- 20 audit committee knows than what the auditor has done and
- 21 knows.
- This is very ambitious, very ambitious, but it

- 1 does show why we need the audit quality indicator
- 2 project. And I think you have complicated, in this
- 3 session, you have complicated what Greq Jonas and his
- 4 team might have done and you have kept the Board honed
- 5 in, if I may use a term that has been misused in this
- 6 town before, honed in on what, in fact, this project
- 7 should yield by way of results, and that is very helpful
- 8 to us. Thank you all. Time for a break.
- 9 CHAIRMAN HARRIS: Let's take a break until 11:25
- 10 and we will start promptly at 11:25. Thank you.
- 11 (Whereupon, the foregoing matter went off the
- 12 record at 11:08 a.m. and went back on the record at 11:26
- 13 a.m.)
- 14 CHAIRMAN HARRIS: Our next topic deals with the
- 15 PCAOB general and inspection reports. And, Mr. Chairman,
- 16 if we could get your attention as well, that would be
- 17 terrific.
- 18 (Laughter)
- 19 CHAIRMAN HARRIS: I only have this opportunity
- 20 maybe once or twice in my career, but what the heck.
- 21 I'll take it. But as many of you know, the PCAOB issues
- 22 both individual inspection reports and general reports

- 1 which provide a summary and analysis of results from
- 2 inspections of either a specific audit issue or a
- 3 category of firms.
- 4 Improving the timeliness, content and readability of
- 5 inspection reports is another near-term priority of the
- 6 Board and in advance of this meeting, we provided all of
- 7 you with a brief discussion paper on this topic, along
- 8 with questions for you to consider. And I want to now
- 9 turn this topic over to the Director of our Division,
- 10 Registration and Inspections, Helen Munter, and the
- 11 Deputy Director Santina Rocca. They're very receptive
- 12 to the comments. I think they do a terrific job and,
- 13 Helen and Santina, please divide it up as you see fit.
- 14 And we also, as I stress, welcome the input from the
- 15 Investor Advisory Group. Helen, thank you.
- 16 MS. MUNTER: Great. No, thank you. This is a
- 17 great opportunity for Santina and I, on behalf of our
- 18 whole division, to be here and engage with you on the
- 19 topic of inspections and inspection reports. We've been
- 20 doing inspections for over ten years now so we've seen
- 21 a lot of audits and we have issued a lot of inspection
- 22 reports. We do about 250 inspections every single year,

1 so that's 250 firms and a whole lot more issuers that we

2 look at in the course of what we are doing domestically

3 and abroad, large firms, small firms, large issuers,

4 small issuers.

5 How we approach our inspections has certainly

6 evolved over the last ten years and how we approach our

7 inspection reports is evolving, and that evolution is

8 much more recent. Brian mentioned in his opening remarks

9 that the Board came out with key priorities at the

10 November budget meeting last year and many of those key

11 priorities touched on our division. We've been working

12 very hard on what are our key priorities and I think

13 we've had some good success. We've had some real

14 accomplishments this year.

We had a key priority related to remediation and

16 with respect to remediation in the largest firms,

17 completing our assessment and bringing a recommendation

18 to the Board on certain firm responses to Part 2 of our

19 inspection reports that were somewhat older. We've made

20 good success on that and we hope by the end of this year,

21 we believe we'll be in a position where the aged

22 responses have been analyzed by us and a recommendation

1 brought to the Board for determination. We've had a

2 project related to analysis and we've spent a lot of time

3 working on our information and our data gathering in

4 order to be able to complete analysis and use that

5 analysis to help inform our communications to firms, our

6 communications to the public and to support the Board and

7 other divisions in what they are doing, whether it's

8 speaking publicly, developing new standards, et cetera.

9 Analysis is something that we will always do, that we

10 will always spend a lot of time doing, but we've made

11 some good progress this year. And the number one

12 priority at the Board on their list last year was related

13 to inspection reports. It had two prongs. It was

14 timeliness, and content.

And on the timeliness front, I'm happy with where

16 we are. We've cleared our backlog of triennial reports.

17 There will always be some reports that take a

18 particularly long time to issue and that's okay. I think

19 that's really part of the process. It's part of a

20 special set of circumstances when you're doing 250

21 reports a year. But our large firm reports we issued

22 starting in May of this year and we've been on a clip of

- 1 issuing one a month. And I think bringing predictability
- 2 to that process so that firms know when to expect their
- 3 report, the market knows when to expect reports to come
- 4 out, is very important, and will help certainly with the
- 5 transparency of that.
- 6 With respect to content, we have been very
- 7 active. One of the things that we did in our 2012
- 8 reports, and you've seen this if you've read any firm's
- 9 inspection report for 2012, large or small, is we've
- 10 included some additional information with respect to
- 11 standards, and with respect to the specific standards
- 12 violated or found to be deficiently performed in the
- 13 course of the audit that we looked at.
- We took the initial approach of saying we thought
- 15 it would be helpful to a reader to a firm, to understand
- 16 that information presented in a tabular format. We're now
- 17 working on another iteration of that, and saying is there
- 18 more information with respect to the standard and the
- 19 work that was performed that would be helpful to add to
- 20 the narrative description of the findings? And that's
- 21 a project that we're working on. We'll see the impact
- 22 of that in 2013. But when it comes to content, and given

- 1 the number of reports that we're working on, I think it's
- 2 important that we view these changes as evolutionary, and
- 3 we incorporate them based on all of the feedback that we
- 4 can receive from the various constituencies that we have
- 5 out there.
- 6 In addition, of course, to the firm-specific
- 7 reports that we do, we also issue general-purpose
- 8 inspection reports. We've had an opportunity to get
- 9 feedback from a number of different groups this year
- 10 already. We've met with our academic conference. We've
- 11 met with the SAG. We've presented at small business
- 12 forums and sought feedback from participants in the small
- 13 business forums. And now we're thrilled with the
- 14 opportunity to be able to speak with you and get a real
- 15 investor perspective on content of both general-purpose
- 16 inspection reports, as well as the firm-specific
- 17 inspection reports. And this is really our first large-
- 18 scale outreach on firm-specific inspection reports, so
- 19 the timing of this meeting is ideal. It allows us to
- 20 kick off that process.
- It was interesting to sit through the AQI session
- 22 just now. There was a lot of discussion about reports,

1 and what people would like to see, especially in terms

2 of transparency as to how we discuss our reports. I

3 think there are aspects of firm-specific inspection

4 reports that are in the Part 2, which is initially not

5 public, for any individual firm, where we do speak very

6 directly to the firm, and this is particularly true for

7 the largest firms. We have a very direct communication

8 about prioritization of the issues we've identified,

9 provide a sense of urgency about which items need to be

10 addressed the quickest and the discussion and dialogue

11 that we would like to have with the firms on that.

We've also provided guidance to all firms, and we

13 send out this quidance when we send a firm their

14 inspection report. We've just completed this guidance.

15 It helps them understand how we, as staff, treat the

16 process of remediation and what we consider as we're

17 evaluating a firm's specific remedial action. And then

18 we offer up, as we have for years, engagement with any

19 firm on the topic of remediation. Whether it's a large

20 firm or a small firm, they get a contact person that they

21 can approach throughout the 12-month period that they

22 have to prepare their response to the confidential

- 1 portion of the report.
- 2 And we're ready, willing and able to engage with
- 3 firms in that process, hoping for a very successful
- 4 remediation and a true moving-the-bar on audit quality
- 5 as a result.
- 6 So we sent around this paper; I hope everyone had a
- 7 chance to read it. We put forth about ten questions so
- 8 we have lots of topics of discussion that we would love
- 9 to get some feedback on.
- 10 As Steve said, we are very open. We would really
- 11 like to understand ways in which the report is useful to
- 12 you currently, ways in which it could be more useful to
- 13 you currently. And I think it's helpful to focus on the
- 14 fact that the general-purpose report is a very different
- 15 tool than the firm-specific inspection report and they
- 16 both have utility, I think for different audiences. But
- 17 the general-purpose reports do allow us to talk about
- 18 trends, allow us to focus on items such as the
- 19 implementation of a new audit standard.
- We're working on two such reports currently and
- 21 I think those will be helpful to auditors, helpful to
- 22 academics, to understand some of the statistics related

1 to what we have seen and what that means in terms of

2 trends. Of course, with respect to a firm-specific

3 report, in the public section of the report the

4 discussion is very, very focused on the specific

5 deficiencies that we identified where the firm failed to

6 support its audit opinion. And we use that terminology

7 and we define what we mean by it and I think adding that

8 definition to the report, in terms of how we define audit

9 failure, is helpful. It's helpful to a reader. It's

10 helpful to someone who's trying to put it in context as

11 to what does this mean. And then we, of course, have

12 Part 2 of the report which really is directed very

13 specifically at the firm and is meant to drive their

14 specific remedial action for these defects or potential

15 defects in their system of quality controls.

16 So with that, I'd love to open it up to a general

17 discussion focused on these questions. Given the number

18 of people and an hour sort of a time frame, I thought it

19 might be good to just, if people have a response, to let

20 you respond to the questions. We've got a couple of

21 people from the division here in the back able to take

22 notes, so Santina and I are not going to be able to get

- 1 down everything you say but we do want to make sure that
- 2 we memorialize that. So I won't try to go through the
- 3 questions one to ten but, you know, if no one raises
- 4 their card, then I'll do that.
- 5 JUDGE SPORKIN: You mentioned remediation. When
- 6 do you do remediation versus bringing an enforcement
- 7 action, because they seem to be a little bit in conflict.
- 8 Am I write or wrong on that?
- 9 MS. MUNTER: I think enforcement and remediation,
- 10 obviously, are two very different tools. And in
- 11 enforcement we communicate with our division of
- 12 enforcement when we have serious findings, particularly
- 13 egregious findings, and they go through a process with
- 14 respect to determining which items they would want to
- 15 pick up. But whether or not a firm is referred to
- 16 enforcement, we still issue an inspection report, the
- 17 firm still responds to the inspection report and we still
- 18 go through a process of evaluating their remediation, and
- 19 I think that's very important, especially given some
- 20 overlapping time frames.
- JUDGE SPORKIN: Yes, but if you look at Chairman
- 22 White's speech about small matters count, and in

- 1 remediation I assume you're finding areas where you could
- 2 bring an enforcement proceeding. Am I right? I mean
- 3 you're going to be remediating something and I would
- 4 assume --
- 5 MS. MUNTER: Maybe, yes.
- 6 JUDGE SPORKIN: Am I correct? There would be
- 7 questions of whether you want to bring an enforcement
- 8 action, because I always used to have that problem, when
- 9 you would sit down, try to work it out with a company as
- 10 opposed to when you would recommend an enforcement
- 11 action. And is it your recommendation or do you bring
- 12 the enforcement people in to evaluate the situation
- 13 because if you're going to remediate, you could possibly
- 14 hurt their enforcement case?
- 15 DIRECTOR DOTY: It's a rare thing that Helen
- 16 Munter needs any help from me and she may not need it
- 17 now.
- MS. MUNTER: I can always use a good attorney.
- 19 DIRECTOR DOTY: Judge, we maintain something of
- 20 a strict observed division between inspection, which
- 21 involves remediation of the statute which involves a good
- 22 faith, in our judgment, a good faith attempt to resolve

- 1 a quality issue, on the one hand, and the referrals to
- 2 enforcement and then the decision to enforce on the
- 3 other. We do enforce against small firms. One of the
- 4 most important enforcement decisions we have on the books
- 5 is the Gately case in which a small firm simply thumbed
- 6 its nose at our inspection process and our demand for
- 7 documents.
- 8 So much of our enforcement program does focus on
- 9 non-cooperation, firms which simply want to enjoy PCAOB
- 10 status but have no regard for the process. It does not
- 11 necessarily require that as a basis, but that's tended
- 12 to be many of the cases. We do look for cases involving
- 13 something more than mere negligence. We look for cases
- 14 involving a reckless disregard of the duties of due care
- 15 by an auditor. I am proud of the fact, I've said
- 16 publicly I'm proud of the fact that our enforcement
- 17 division has spotted those cases and has avoided the
- 18 others. I hope that answers your question.
- 19 JUDGE SPORKIN: No, but is there a dialogue
- 20 between --
- 21 DIRECTOR DOTY: Yes, there's a referral process
- 22 that goes on and Helen brings in firms with a trend

- 1 analysis of how they're going. Are they going up,
- 2 they're going down, getting better, getting worse. And
- 3 in terms of remediation, we take a look at some of the
- 4 issues that were raised today in terms of the resources
- 5 available to the firm, its ability to effect remediation
- 6 as opposed to a smaller firm which may, in fact, need a
- 7 little more time and a little more effort, but seems to
- 8 be trying to get it right. So we're trying to make
- 9 distinctions between firms that are capable of
- 10 implementing an effective remediation.
- 11 We have out a series of criteria which Helen's
- 12 group has fashioned and which makes clear that there must
- 13 be change, there must be implementation of the change,
- 14 there must be monitoring of the change by the firm and
- 15 it must have some effect. That applies to all firms,
- 16 without regard to whether they're large or small, but in
- 17 terms of looking at what we expect of them.
- 18 JUDGE SPORKIN: Large and small violations as
- 19 opposed --
- 20 DIRECTOR DOTY: Yes.
- 21 JUDGE SPORKIN: And not large and small firms but
- 22 small violations as opposed to --

DIRECTOR DOTY: We will look at small violations	1	DIRECTOR	DOTY:	We	will	look	at	${ t small}$	νi	lolati	lons
-------------------------------------------------	---	----------	-------	----	------	------	----	--------------	----	--------	------

- 2 and if they appear to be in derogation of a prior PCAOB
- 3 order, or if they are, in fact, a subversion of a firm's
- 4 process, that could rise to the level of an enforcement.
- 5 JUDGE SPORKIN: Would you be doing any kinds of
- 6 cases where normally the SEC would be doing one,
- 7 financial reporting --
- 8 DIRECTOR DOTY: We coordinate with the SEC fully.
- 9 JUDGE SPORKIN: I see.
- 10 DIRECTOR DOTY: Fully, both our findings and our
- 11 inspections. Helen sends to the SEC regularly instances
- 12 in which we believe that violation of the auditing rules
- 13 has been coupled with a possible failure of full and fair
- 14 financial reporting.
- 15 JUDGE SPORKIN: I see. Thank you.
- 16 CHAIRMAN HARRIS: And Helen, why don't you
- 17 discuss a little bit our remediation process, because we
- 18 have taken some recent steps; the statute contemplates
- 19 fairly rapid remediation after the 12-month time frame
- 20 and you've taken a number of initiatives in that context.
- 21 You've also taken some initiatives in terms of firms and
- 22 business wanting certainty. You are giving greater

- 1 certainty to the firms in what the expectations are and
- 2 maybe you can spend a minute or two discussing what
- 3 you've been doing in that area.
- 4 MS. MUNTER: Sure. I think in terms of
- 5 remediation, and let me talk about the largest firms for
- 6 a minute or maybe even primarily, it really begins with
- 7 this very direct communication to the firm, to the firm
- 8 leadership, in terms of what we see as the highest
- 9 priority items for them to address in terms of Part 2 of
- 10 their report. And we give a timeline for active
- 11 engagement in terms of wanting something back in a very
- 12 short time period.
- 13 And then we have dedicated resources for each
- 14 firm team that's associated, has been on the inspection,
- 15 understands what the point was. And we go through a
- 16 process of meeting with the firm, reviewing draft
- 17 submissions, providing feedback on the draft submissions
- 18 such that by the end of the 12-month period we have had,
- 19 I think, very transparent communication that has
- 20 improved. That process has definitely improved in terms
- 21 of the transparency of it and the predictability of it
- 22 over the last couple of years. Not every finding is the

- 1 same and the path towards remediation of the different
- 2 findings will vary by firm, size, scope and scale issues.
- 3 Some initiatives that firms will take will
- 4 necessarily need more than a 12-month period to be fully
- 5 implemented and effective.
- But in doing our assessment, we are looking at
- 7 the urgency and the seriousness with which they address
- 8 the matter, the specific action that they took, how it
- 9 is supported and how likely it is to succeed.
- 10 We certainly also consider subsequent inspection
- 11 results, but the subsequent inspection results are not
- 12 the only thing that we look at.
- Won't always be able to see in a subsequent
- 14 inspection the effectiveness of a remedial action, and
- 15 that is not a criteria. We don't delay our decisions
- 16 only for that.
- 17 At times we will need to delay our decisions. I
- 18 can see that possibility, but in order to assess a
- 19 remedial action we need to see is it going to work, has
- 20 it worked, is it functioning as it is described on paper?
- 21 And testing the effectiveness of some of the
- 22 actions I think is a very important part of our oversight

- 1 process. We cannot just simply read about an action.
- 2 We need to do some actual testing of the implementation
- 3 of the actions.
- 4 I think in terms of certainty, at the end of this
- 5 year I mentioned that we will have cleared the aged
- 6 remediation determination recommendations.
- 7 And we are moving into, then, a land where we
- 8 will be able to bring these determinations, in general,
- 9 in a 6- to 12-month time frame to the Board, following
- 10 when the remediation open period ends for each firm.
- It's a long timeline and I fully understand that
- 12 between when the audit is done at the end of Year 1 and
- 13 then the inspection gets done in Year 2, the inspection
- 14 report gets issued, you know, moving in towards Year 3
- 15 and then the firm has another 12 months to do the
- 16 evaluation.
- 17 So the timeline can seem very stretched out, but
- 18 I can assure you that there's active engagement
- 19 throughout that period.
- 20 So from our perspective in terms of wanting to
- 21 improve audit quality, we do believe that the firm is
- 22 making progress throughout that process.

- 1 They know from the day the comment form is issued
- 2 what the issues are that we have identified and what are
- 3 the areas that we need to work on.
- 4 And I think, you know, firms have made tremendous
- 5 investment in their root-cause analysis programs.
- And they are doing, in general, a very good job
- 7 of monitoring where findings are coming up, not just with
- 8 our findings but with internal inspections, with
- 9 restatements, et cetera, in order to be able to more
- 10 swiftly make changes to their quality control structure
- 11 in order to address the problems that have manifested
- 12 themselves in earlier audits. So that's a bit about how
- 13 we deal with remediation.
- 14 Size, scope and scale of a small-firm inspection
- 15 is obviously different in our processes, whether it be
- 16 related to the inspection report itself being generally
- 17 briefer or to the remediation process being generally
- 18 more streamlined.
- 19 It's tailored and we don't expect, you know, a
- 20 small one-man firm to put in place the same level of
- 21 training or the same level of methodology changes, et
- 22 cetera, as we do one of the major national firms, so

- 1 that's the way we approach it.
- 2 Coming back around to inspection reports, Joe, I
- 3 think your card went up before I finished the first time,
- 4 so let me come back to you.
- 5 MEMBER CARCELLO: A couple of comments and
- 6 suggestions, Helen, and don't feel like you need to
- 7 respond to these unless you want to. I'm just trying to
- 8 give you feedback --
- 9 MS. MUNTER: Thank you.
- 10 MEMBER CARCELLO: -- because I know there's a lot
- 11 of people who want to talk and some of these are on the
- 12 inspection report and some of these are broader on the
- 13 inspections themselves.
- But in terms of response to your first question,
- 15 you've heard this before but I'll reiterate it again, I
- 16 think something that's very important to the capital
- 17 markets, to investors, is some indication of is audit
- 18 quality getting better or worse?
- 19 And we just don't know that because of the way
- 20 the Board has chosen to risk-base the selection of
- 21 engagements for inspection, rather than having at least
- 22 some element be random.

1	And	so	information	on	whether	audit	quality	/ is

- 2 getting better or worse, I think we need that on a firm-
- 3 wide basis, when I say firm-wide, profession-wide basis,
- 4 on an individual firm basis and maybe even by audit area,
- 5 so the particular audit areas where things are getting
- 6 better and other areas where it's staying the same or
- 7 getting worse.
- 8 You talked earlier, or Greg talked earlier about
- 9 the causes of audit deficiencies, root cause. That's
- 10 just so critical and to reiterate the importance of that.
- And then a couple of ideas, and maybe you're
- 12 doing this already, is to take audits with deficiencies
- 13 and match them with audits without deficiencies.
- 14 And then, again, sorry, Lew, it would be a
- 15 regression, what characterizes audits that had
- 16 deficiencies? Now, that may not be conclusive proof but
- 17 at least it's suggestive. You know, what characterizes
- 18 failures versus successes?
- 19 MS. MUNTER: One of the initiatives that we have
- 20 this year, to interrupt for just one quick minute, is
- 21 looking in our own root-cause analysis at audits that
- 22 were performed well and trying to understand the root

- 1 cause of, you know, why did this partner, this team, this
- 2 office do a particularly good job?
- 3 So we are beginning an initiative in that area.
- 4 I think it's very important. It'll take some investment
- 5 --
- 6 MEMBER CARCELLO: It'll take time, right.
- 7 MS. MUNTER: -- and the ability to look at it
- 8 over time, but I agree.
- 9 MEMBER CARCELLO: And my last one is considering,
- 10 and based on your last comment a few minutes ago maybe
- 11 you're doing this, matching audits inspected by the PCAOB
- 12 with audits inspected by the individual audit firm and
- 13 what is the correlation between the findings?
- So if the PCAOB found A, B and C, you know, the
- 15 particular audit firm hopefully found A, B and C.
- But to the extent that's not the case, what
- 17 findings do the firms have that the PCAOB doesn't have?
- 18 That may be a good learning opportunity for you, and vice
- 19 versa. What findings does the PCAOB have that the firms
- 20 don't have, because that may speak to is their own
- 21 internal processes rigorous enough? So again, maybe
- 22 you're doing all of these things, but just suggestions.

- 1 MS. MUNTER: Yes, yes. No, appreciate that. Ir
- 2 addition to the issuer-specific work that we do on
- 3 inspection, we do look at a firm's QC processes including
- 4 internal inspection.
- 5 And what you just described is one of the tests
- 6 that we routinely do where the firm has an internal
- 7 inspection program, is we reinspect some of what they did
- 8 to gauge findings back and forth.
- 9 Yes, Barbara.
- 10 MEMBER ROPER: So, Joe just said better and with
- 11 more expertise, the main point that I was going to make,
- 12 but -- sorry, Barbara Roper, Consumer Federation of
- 13 America.
- 14 It struck me that there is, and you are obviously
- 15 already on it, there is a strong sort of tie between what
- 16 you all are doing in terms of looking at remediation and
- 17 effectiveness of remediation and root causes of audit
- 18 deficiencies and the previous discussion about audit
- 19 quality indicators.
- 20 And it seems to me that it would be useful to
- 21 look in a sort of fairly systematic way at the things
- 22 that you're finding in your inspections of audits that

- 1 are correlated with and perhaps cause audit failures and
- 2 the effectiveness of the remediation because it strikes
- 3 me, you know, the whole point of keeping Part 2
- 4 confidential, which we weren't so thrilled about when
- 5 they were writing the legislation, was that it created
- 6 an incentive for remediation.
- 7 If you could get out of having it public and if
- 8 you were strong on remediation, that was supposed to be
- 9 a good thing.
- 10 I'm curious about how effective the remediation
- 11 ends up being. So it's a good-faith effort and some
- 12 good-faith efforts may work and some good-faith efforts
- 13 may not work.
- And to what extent are you seeing the same kind
- 15 of problems in audits after the remediation as you saw
- 16 before and how can you dig through that information to
- 17 figure out what's working and what's just sort of
- 18 papering over a more fundamental problem?
- 19 So I think that would be useful analysis and
- 20 maybe useful in some ways to compile into one of your
- 21 more general reports but also, obviously, to feed into
- 22 the project on audit quality indicators because in

- 1 certain areas we know that we're seeing the, I mean we
- 2 know because of what we see in the first part of the
- 3 report that we're seeing some of the same problems over
- 4 and over again, even after there's presumably been some
- 5 process of remediation.
- 6 MS. MUNTER: Yes. Yes, so in terms of
- 7 remediation, it is not just a good-faith effort, right?
- 8 It is good faith and substantial progress and it's the
- 9 combination of those things that is necessary for a firm
- 10 to effectively remediate.
- It does not mean that all problems will be
- 12 erased, and audit deficiencies in certain areas can and
- 13 do evolve over time. So it's tough to do the analysis
- 14 based only on an inspection report as to how effective
- 15 a firm's remedial action has been.
- I made a big note about your point and it's not
- 17 the first time that I've heard the feedback.
- 18 I think, not speaking for Jay, but you're an
- 19 advocate of the 4010 on remediation and what has worked
- 20 for people and it's certainly on our list of things that
- 21 we want to look at, we want to be able to address, so
- 22 thank you.

	1 CHAIRMAN	HARRIS:	Also	Ι	think	on	our	list	is	the
--	------------	---------	------	---	-------	----	-----	------	----	-----

- 2 issue that you just raised and that is the good-faith
- 3 standard and how we ensure remediation in a more timely
- 4 manner.
- I think there are a number of Board members that
- 6 clearly want to revisit that because we have had in the
- 7 past significant lag times, and to the extent that we can
- 8 expedite that process, I think we are going to review
- 9 that.
- 10 MS. MUNTER: So I've been paying too much
- 11 attention to this side of the room and I'm not sure the
- 12 order that flags went up over here. Should we just start
- 13 at the end and come back? Is that okay?
- 14 MEMBER BUSER: This is Curt Buser. Just to echo
- 15 some of Joe's comments, I mean trend analysis, really
- 16 important. The more the reports can be specific to firm,
- 17 market, industry, also the more helpful.
- I think if the reports can be more balanced, so
- 19 I think it'd be really good to see what improvements are
- 20 being made and seen through the inspection process. What
- 21 are some of the best practices that the inspection
- 22 process is identifying?

- 1 And then provide some severity on the failures so
- 2 that the average reader can, you know, really kind of
- 3 help to distinguish between those things that are more
- 4 severe and those that are potentially just mundane, so
- 5 just some overall thoughts.
- 6 MS. MUNTER: Thank you.
- 7 MEMBER CALLERY: Grant Callery. This is, I
- 8 guess, more of a question and it sort of goes to both
- 9 your function and the enforcement function and from what
- 10 Barbara mentioned, alluded to, the split between the
- 11 public and the non-public part of things.
- 12 Is the staff and the Board comfortable with
- 13 working under the, and I know these are statutory things
- 14 that you can't just say we're going to change it, but are
- 15 you comfortable that the balance is okay with what's
- 16 public and what's not public and that when you cross over
- 17 the line is it the right point in time?
- 18 You know, just having seen this from a private
- 19 sector regulator where the greatest criticisms that you
- 20 tend to get relate to transparency, I'd just be
- 21 interested if, from your perspective, you're comfortable
- 22 that the balances are okay and that when things become

- 1 public is sort of the right time and the non-public
- 2 portion of it is serving the purpose that it was
- 3 originally set out for.
- 4 MS. MUNTER: From my perspective, yes, I am
- 5 comfortable. I think that the remediation process is a
- 6 tremendous, tremendous incentive to firms.
- 7 And I think we have seen tremendous investment by
- 8 the largest firms in order to address defects and
- 9 potential defects that we've identified through our
- 10 inspection process.
- And that is worth a lot and it does mean delaying
- 12 a transparent disclosure of the specific findings that
- 13 we have had, but the goal of improving audit quality, I
- 14 think we're able to move that bar more quickly with a
- 15 Part 2 that is initially not public.
- 16 I'd also say that, you know, yes, I am
- 17 comfortable with what we choose to put into Part 1 in
- 18 terms of the disclosure and the way we defined what an
- 19 audit failure is and provide the transparency about those
- 20 specific items.
- 21 Earlier in the AQI section, and I'm not sure who
- 22 brought it up, but someone was describing what they do

- 1 with their audit committee when they have an inspection
- 2 report for their firm.
- And I thought that's exactly what I think you
- 4 should be doing, right, discussing for your firm and for
- 5 any other firm, or an issuer that appears to be in your
- 6 industry, how did your engagement team address these
- 7 points?
- And where we're able to provide some color around
- 9 the findings as we do with the largest firms, I think
- 10 that that's a great dialogue to have because who the
- 11 specific issuer is is much less relevant.
- And I know if you're on an audit committee it's
- 13 all, you know, you really care about your particular
- 14 firm. If you're an investor, you care about where you've
- 15 made your investment.
- But what we're trying to do in terms of looking
- 17 at audit quality, we're not trying to find every failed
- 18 audit out there.
- 19 We're trying to find areas where there are
- 20 defects in the QC system and focused very much at a firm
- 21 level, so thank you for the question. Yes.
- MEMBER FRANZEL: I'd like to just add to that.

- 1 I think on the remediation side, the more timely those
- 2 remediation determinations are, the more effective that
- 3 period is and we've worked through a very large backlog
- 4 or we're in the process right now.
- 5 And I think because we're working through that
- 6 backlog, I think this might be a good opportunity for
- 7 firms to think about disclosing the status of their
- 8 remediations and their remediation efforts as far back
- 9 as 2008.
- 10 You know, did you have a Part 2, yes or no? Did
- 11 PCAOB pass you on it, yes or no? Obviously if not, that
- 12 would be public. But just to let the public know where
- 13 is the firm in the process with the PCAOB? And I think
- 14 for the big firms, that would be a valuable disclosure.
- 15 MS. MUNTER: Lynn?
- 16 MEMBER TURNER: Sifting through your questions
- 17 here, Helen, as far as the audience to these, and
- 18 Jeanette was just talking about the public in general,
- 19 I suppose most of the public and most investors never,
- 20 ever read these.
- 21 They may see a news article out of Reuters or
- 22 someone and that may catch their attention and they'll

- 1 look at what's in that, but I think it's a very specific
- 2 group of people that ever read or look at these.
- And so I don't think the audience is any
- 4 different between the general and the specific firm
- 5 reports. The people who read them will probably read
- 6 both. People who don't read them probably won't read
- 7 either one.
- But it does tell you about, as you do the report
- 9 if you want to get the attention of the average analyst
- 10 or whatever, probably has to be a fairly summarized
- 11 section up front on the report with some key statistics
- 12 because that's probably all they're going to read.
- 13 They got their day job and they probably aren't
- 14 going to go beyond that in terms of reading it for the
- 15 most part.
- I do find the way you post it to the web, you ask
- 17 a question about that, I do find the way you post it, put
- 18 it out there, to be very useful, very user-friendly, very
- 19 easy to get.
- I think how you do that is excellent, the way you
- 21 post it by firm and by year and all, and also the posting
- 22 so you can get the U.S. piece of it versus an

- 1 international piece. I've just found that that is all 2 very useful.
- 3 And in talking to some people at large
- 4 institutional investors who have actually read or used
- 5 it, they've typically found that, I think, to be very
- 6 useful as well.
- 7 In terms of the question on details of actual
- 8 findings, I think in general as I read through it the
- 9 findings are usually good enough that I can figure out
- 10 what was missing in the audit that you were looking for
- 11 in the inspection.
- 12 There have been some times where you used
- 13 language that talks about inadequate audit documentation
- 14 for this or that where you could perhaps be more specific
- 15 to give some indication of what it was that you thought
- 16 was missing that the firm didn't get because I do see in
- 17 the back the response from the firms and those responses
- 18 sometimes, which actually look like they're putting their
- 19 thumb in your eye unfortunately, do make it look like,
- 20 well, the staff of the PCAOB really didn't know what they
- 21 were looking for in that case.
- 22 And I think, to me, when I read it, it looks like

1 you knew exactly what you were looking for.

- 2 But if you could give us a little more detail on
- 3 that, especially in light of the letters that we're now
- 4 seeing come in from the firms, that would probably be
- 5 helpful.
- In that reporting up front, if you'd give us the
- 7 number of total audits of public companies that this firm
- 8 does, the number and percentage of those that you
- 9 actually inspected and the number and percentage of those
- 10 where you found deficiencies and then whether or not
- 11 that's industry specific or if there are factors.
- 12 So if you went out that year and you were looking
- 13 at valuation, for example, or you were looking at audits
- 14 of loan loss reserves or you were looking at an industry,
- 15 mutual funds, having that color around the inspection up
- 16 front I think would be very helpful and runs to some of
- 17 the comments that Joe was making.
- And that type of summary is what will probably
- 19 lead to more investor analysts actually picking up at
- 20 least the summary and reading through that because they
- 21 aren't going to read through the whole detailed report
- 22 for the most part.

1 The company	name,	you	know,	needless	to	say,	the
---------------	-------	-----	-------	----------	----	------	-----

- 2 reports lose most their value and utility when you don't
- 3 give us the company name.
- 4 And that, coupled with getting a name of a
- 5 partner on the audit, because to Anne's point, most
- 6 investors will vote yes unless they see that there's a
- 7 problem.
- But we can't see that there's a problem because
- 9 you withhold that information from us and it's
- 10 information you have all the capability to give us.
- 11 Understand there was a policy decision made, but
- 12 that policy decision needs to be reversed.
- And give us the information we need to make an
- 14 informed vote. You have it. You're supposed to be
- 15 serving the public interest. The law says that in here.
- 16 You're withholding this information from us, so
- 17 that's probably the thing you guys get most criticized
- 18 for and I just don't understand why you don't correct it.
- 19 The remediation, to the points made earlier, what
- 20 the firm has or has not done to remediate the type of
- 21 problems noted in that Part 1 would be helpful.
- 22 Understand if it's related to quality control it

- 1 has to be in Part 2, so that I understand.
- 2 But there's a lot in Part 1 that doesn't relate
- 3 to quality controls of the firm. It relates to basic
- 4 fundamental auditing and what's been done.
- 5 On timeliness, Part 1, I agree you're doing a
- 6 much better job and I applaud you for getting caught up
- 7 on that.
- 8 You're getting caught up on the Part 2s,
- 9 although, you know, Part 2s were supposed to be held
- 10 private for one year, 12 months.
- 11 And yet you look at the Deloitte report. This
- 12 outfit sat on that Deloitte report for between two and
- 13 three years and what I saw in actual audit committees on
- 14 large companies was Deloitte went back into the audit
- 15 committees and told the audit committees that that was
- 16 old information, old audits, they didn't need to be
- 17 concerned about it. That was their response. That was
- 18 outrageous.
- 19 And yet when you take that long to put it out,
- 20 you tee that up and do a great disservice for those of
- 21 us who have served on audit committees by doing that.
- 22 So Part 2, if you can't get that Part 2 out

- 1 within a relative time after 12 months, there seems to 2 be a problem.
- And, quite frankly, none of these firms should,
- 4 well, let's put it this way. All of the firms should be
- 5 able to remediate those problems within 12 months.
- If you're a CEO of one of these firms and people
- 7 come in and say we can't fix those problems -- I had a
- 8 conversation with the CEO of one of them and they were
- 9 trying to explain why they couldn't fix it within 12
- 10 months. It was ridiculous. They have every capability.
- 11 There should never be a Part 2.
- But if they don't get it out, don't get it
- 13 remediated and clearly aren't cooperating with you as
- 14 they were in that case, then you need to just pump it
- 15 out. I mean that's the job that you're put here for, so.
- And finally on the points made about enforcement,
- 17 understand the issue with lack of enforcement, understand
- 18 the issue with recklessness or fraud.
- 19 But the law did give you a wide variety of tools
- 20 and it concerns me that you say you don't bring
- 21 enforcement actions for negligence, especially in light
- 22 of the points that I thought Chairman White made in her

- 1 recent speech which were very good that Stanley teed up,
- 2 small items do matter.
- And to send a message, which you've clearly sent
- 4 to firms, that we're not going to bring an enforcement
- 5 action in the case of negligence, I think is a very
- 6 telling story to send and it's not a good one.
- 7 MS. MUNTER: Ann?
- 8 MEMBER YERGER: It's always hard to follow Lynn
- 9 on anything related to these issues, but I'll share a few
- 10 observations that I have from someone from staff who's
- 11 at the CII who's much more aware of this than I am. And
- 12 I'm Ann Yerger, sorry.
- 13 This is all about the general reports. First,
- 14 just given the fact that investors in particular are so
- 15 keenly interested in the auditor's assessment of
- 16 management-critical accounting estimates and judgments,
- 17 I think any findings or observations that the Board
- 18 uncovers would be really helpful in the general reports,
- 19 sort of honing in on those areas.
- This is controversial, but I'll say it.
- 21 Comparability is an issue with the general reports and
- 22 I think we believe it would be really helpful here if

- 1 there was more specific identification of the firms and
- 2 differences between the firms.
- And, again, that helps us when it comes to the
- 4 voting as opposed to just general-picture observations.
- 5 We think it'd be really helpful if in the general
- 6 reports there was a specific section on quidance to audit
- 7 committees, so you could literally provide them a list
- 8 of questions, suggested areas, issues of concerns that
- 9 they should be asking of their auditors in light of the
- 10 things you came up with.
- And finally in terms of just emphasizing and
- 12 echoing the comments on audit quality. I mean ultimately
- 13 I think out of the general reports that's what we're most
- 14 interested in. Is audit quality actually improving?
- 15 It's impossible to know that.
- 16 We note that the U.K.'s FRC report always
- 17 includes this very friendly, sort of bar graphs that any
- 18 moron, even me, could look at and get a general sense of
- 19 where things are going, trends over three years.
- I think that would be incredibly helpful if the
- 21 Board would consider adding that kind of information to
- 22 the general reports.

- 1 MS. MUNTER: Right, right. So something that's
- 2 more sort of an activity report that would summarize
- 3 results. The point that you were raising on
- 4 comparability in the general report --
- 5 MEMBER YERGER: It would be drilling down a bit
- 6 more in the report. So if there's any key findings,
- 7 where there are differentiations between the firms, that
- 8 would be very helpful. So less general. Maybe a bit
- 9 more specific.
- 10 DIRECTOR DOTY: Okay, thank you. Mike.
- 11 MEMBER HEAD: Mike Head. I'm not going to repeat
- 12 because I had some of the same issues.
- But in light of where we ended up or where I
- 14 think we are currently, it may change in the future, on
- 15 audit rotation requirements, I think having the
- 16 flexibility for the issuer to request inspections and
- 17 that information being available for evaluation by the
- 18 audit committee as part of their assessment of their own
- 19 auditor when they are reviewing a firm for re-signing
- 20 them up, I think would be nice to be available.
- 21 MS. MUNTER: I do understand that many audit
- 22 committees ask for the comment forms. Many audit

- 1 committees ask to be informed if their audit has been
- 2 selected for inspection and ask for a summary from the
- 3 partner as to --
- 4 MEMBER HEAD: Yes, I agree with that.
- 5 MS. MUNTER: -- the result of the inspection and
- 6 the comment forms, et cetera, and I also generally
- 7 understand that firms provide that.
- 8 MEMBER HEAD: And we include that and I agree.
- 9 I just think there needs to be another path of option,
- 10 and I really don't know what the legal ramifications
- 11 might be or might not be.
- But I think when a company's firm has been
- 13 selected or when they're in the sample of what's being
- 14 reviewed -- let's say TD AMERITRADE is in the sample for
- 15 Ernst & Young.
- 16 I think your confidentiality and your quidelines
- 17 need to allow you to provide all of the findings related
- 18 to that inspection to the firm.
- 19 I think that there should be a way where it maybe
- 20 isn't made public-public, but if it's findings on the
- 21 inspection specific to the issuer and you aren't
- 22 providing what you find about that issue or only way we

- 1 find that out is through requesting the partner and
- 2 getting their comments, that is not going to be the
- 3 objective way of getting the information.
- 4 And I think there should be a way where -- we
- 5 already have confidentiality arrangements with our firm
- 6 when we hire them. We are sharing information between
- 7 the two that's not public anyway. This should be
- 8 included as not being a violation of your
- 9 confidentiality.
- 10 And there should be a way to structure that so
- 11 you can provide and we can then compare that or get the
- 12 -- even if it was you coming and sharing it at the audit
- 13 committee with the partner and you both are jointly doing
- 14 it and even talking about it in advance, it would be
- 15 significant value to the audit committee to have your
- 16 perspective versus just the partner's perspective on what
- 17 was found by the inspection on the specific issuer.
- And, of course, it's self-fulfilling on the audit
- 19 quality indicator but I think you need to work very
- 20 closely with that project and as there are indicators
- 21 defined and established that they are included as a
- 22 standard examination portion of the inspection report,

- 1 assuming the firm is gathering the information that you
- 2 can then verify what's being provided publicly to you and
- 3 investors and others is accurate.
- 4 MS. MUNTER: Thank you. Jim. No?
- 5 MEMBER YERGER: This is Ann Yerger again. Mike,
- 6 I wanted to follow up on something you said because,
- 7 first of all, we're going to cover this in our group's
- 8 discussion on audit committee and the issue of AS 16.
- 9 And I think it's, first of all, terrific that the
- 10 Board's been doing a lot more outreach to audit
- 11 committees and I think doing a better job training them
- 12 and teaching them the things they should be asking for.
- 13 But I think it's different to have to ask to get
- 14 as opposed to be mandated to provide.
- 15 And I do think that the Board needs to consider
- 16 whether there are ways to be mandating disclosure of some
- 17 of the information, particularly in the inspection
- 18 results, whether it's remediation, even if it's a general
- 19 disclosure to the audit committee about what's coming out
- 20 from the inspection reports.
- I think it doesn't go far enough right now to
- 22 have a regime where the audit committee's expected to

- 1 have to ask the questions to get the information.
- MS. MUNTER: Thank you.
- 3 DIRECTOR DOTY: A lot of this makes Helen's job
- 4 tougher. There is a creative tension, or there is
- 5 tension, whether it's creative or not I will leave it to
- 6 you, between timeliness and contemporaneity of
- 7 information and thoroughness and accuracy and fairness
- 8 in the process.
- 9 Telling you how I look at this in this job, I am
- 10 reluctant to put pressure of time on the division at the
- 11 expense of quality.
- I believe they have done a marvelous thing in
- 13 clearing the backlog on the firm reports. They have done
- 14 a marvelous job in clearing the backlog on remediation
- 15 which, of course, can be delayed through appeals.
- 16 But they have done this so that now you're going
- 17 to be looking at firms in which the audit period itself,
- 18 the audit inspection itself, was consummated within or
- 19 completed within a year of the team leaving the field,
- 20 within nine months, six to nine months of the team
- 21 leaving the field.
- That's pretty fast for a process that begins with

- 1 comments, going back to the firm with comment forms,
- 2 getting feedback on the comment forms, resolving the
- 3 comment forms, getting these into findings in which we
- 4 feel deficiencies either rise or don't rise, Helen feels,
- 5 to Part 1 failures to get the requisite assurance.
- 6 With remediation, you'll be looking at
- 7 remediation in which the period they have under the
- 8 statute for remediation expired within a period of 12,
- 9 15 months at the max.
- 10 This is an extraordinary feat, I think, of
- 11 engineering and of management for a division that has got
- 12 to be fair.
- Can you tell whether audit is getting better or
- 14 not across the profession and across the firms? Probably
- 15 not. We don't inspect all the audits of a given firm.
- 16 We don't inspect all the portions of a given engagement.
- 17 Perhaps it is the duty of markets, getting all
- 18 this information and looking at what other information
- 19 is available, perhaps it's the duty of markets to start
- 20 deciding whether audit is getting better or getting
- 21 worse.
- Perhaps that also, as Curt Buser points out, may

- 1 turn on how much information about the audit is getting
- 2 out there, how much transparency we can begin to inject
- 3 into the audit process, quite apart from what we find in
- 4 an inspection. So that's a puzzlement for us.
- 5 The policy that Lynn points to, I have worried
- 6 about the policy on both sides of this question. The
- 7 policy is one that is not as clear from the statute as
- 8 you might think.
- 9 But on the other hand, if you compare the
- 10 provisions of the statute, it's very clear that Congress
- 11 did not intend that we make a decision that all
- 12 information would flow straight through to the audit
- 13 committee and the public.
- 14 There is an appropriateness standard imposed on
- 15 us in the statute which I think is, that is the electric
- 16 third rail. We have to stay away from that.
- We have to avoid transgressing and becoming
- 18 arbitrary and willful in our interpretation of what the
- 19 public gets to know.
- It's why we put out this release about a year ago
- 21 on why information exists for audit committees, as Helen
- 22 has quite clearly said, to go and get the information

- 1 from the partner.
- We have cautioned people that if it's not
- 3 available, that if the partner is unwilling to bring his
- 4 quality reviewers down, if he's unwilling to do the
- 5 things he ought to do, that should be a red flag for the
- 6 audit committee and the firm.
- 7 Ann has the idea of a mandate for firms to make
- 8 certain disclosures. I think that's something that, you
- 9 know, we should think about.
- But the policy is not one which I think any
- 11 chairman should come in and, you know, will you reverse
- 12 on the basis of what is the understandable interests of
- 13 the public and what we're finding.
- I do think that it is very clear from the
- 15 experience of ten years that these findings matter to the
- 16 public.
- 17 I think it is very clear that the criticism that
- 18 we are bringing against the firms are causing them to do
- 19 more than incur expenditures.
- I was very interested in what Norman and Tony
- 21 said about this, that there are differences between mere
- 22 expenditures in the form of creating a policy or a

- 1 program that gets then promulgated and gets monitored and
- 2 implemented and real investments which may, in fact,
- 3 include changes in the business model to assure greater
- 4 independence, professional skepticism, objectivity in
- 5 your core staff, to assure that partners don't get
- 6 assigned to the wrong jobs after they have been found to
- 7 have done a job badly in one case.
- 8 Those are investments and those are, in fact, the
- 9 kind of investments that are hard for a business
- 10 organization to make.
- But it leaves me with the idea of where we are in
- 12 terms of enforcement, and to address a point that the
- 13 judge made and that Lynn came back to, and that's the
- 14 negligence standard.
- The more than mere negligence, the reckless
- 16 disregard of duties, is intended to enable an enforcement
- 17 division and a regulatory organization to avoid the
- 18 mistake of sanctioning someone in the case in which the
- 19 public will shake their head and say there but for the
- 20 grace of God. It's the antidote to the there but for the
- 21 grace of God standard.
- It's not the only means we have to encourage

- 1 individuals and to enforce better conduct by individuals.
- 2 The fact is that we know that our findings go
- 3 home to the firms. We know that the firms now take a
- 4 hard look at the partners who have incurred critical
- 5 findings by ourselves.
- 6 We know that people do not look forward. They,
- 7 in fact, look at our inspection, forthcoming inspection,
- 8 with anxiety.
- 9 We know that some partners have been sufficiently
- 10 anxious about what they know is in the file or not in the
- 11 file that they've altered the file in anticipation of
- 12 inspection. We know that when that happens they are
- 13 sanctioned by us.
- Judge Sporkin makes the point that sometimes very
- 15 small cases that don't involve financial misreporting
- 16 involve an important principle of audit, and that we try
- 17 to look for.
- But we also know that the firm management is now
- 19 taking the position that you've got to elevate your game
- 20 with some of its partners.
- That is our biggest sanction. If out of Helen's,
- 22 if out of her program comes the sense that her findings

- 1 are absolutely rock-ribbed defensible -- and by the way,
- 2 the firms know, and the individual partners know, which
- 3 standards and which issues are involved in these
- 4 findings. They know.
- 5 As one who has sat in these meetings, have
- 6 listened to the firms, have listened to the members of
- 7 the division of inspections defend what they have done,
- 8 it is errant misconception to think that they don't know
- 9 what they're looking at and they don't know it when
- 10 they're calling it.
- And the firms know that, with the result that
- 12 most of the firms now agree with the findings.
- 13 With that agreement with the findings goes a
- 14 commitment of the firm to remediation, and we know that
- 15 in many of these cases it is an event that can have
- 16 career-determining implications for the partners.
- 17 So, yes, we want to avoid enforcement in the
- 18 there but for the grace of God case. We also want to
- 19 avoid prejudicing the career of an audit partner where
- 20 there is not a sufficient basis for it in fact.
- 21 A lot of attention, a lot of time goes into that
- 22 because we know at the end of the day when Helen's people

- 1 make a call, it reverberates through the firm. Hasn't
- 2 always been so. It has not always been so.
- 3 But it is now the case that for a partner in a
- 4 firm who is found by Helen to have not had the basis for
- 5 issuing an audit opinion, there are serious consequences.
- 6 Further affiant sayeth naught.
- 7 CHAIRMAN HARRIS: Helen, I'd just like to wrap up
- 8 with a question, and that is the term failure is used
- 9 quite often in our inspection reports and there's some
- 10 concern on the part of the profession that we use it too
- 11 often.
- 12 Could you give us your definition of failure and
- 13 the fact that we use the term failure in specific
- 14 instances to convey specific --
- 15 MS. MUNTER: Specific instances to convey
- 16 specific things. And a recent edit to our standard
- 17 report defines failure and it's the failure to support
- 18 the opinion issued on the financial statements or on
- 19 internal control over financial reporting by the auditor,
- 20 so it is well defined.
- 21 The topic of severity came up, right, and I
- 22 understand severity and I understand not every failure

- 1 is the same but every failure is a failure and is a very 2 serious matter.
- 3 And the only items that we put into Part 1 are
- 4 those where we have determined that the auditor failed
- 5 to support their opinion, the opinion that they issued,
- 6 based on the work that they did at the time.
- 7 It's not a question of documentation and you will
- 8 sometimes see in responses talk about documentation. We
- 9 consider any evidence that the auditor brings during the
- 10 course of the inspection.
- 11 So if the auditor has a bunch of emails that
- 12 never made their way into the file, during the course of
- 13 the inspection they will bring them in.
- 14 They'll bring in their handwritten notes:
- 15 They'll bring in whatever other evidence they have to
- 16 explain the work that they did at the time, and we
- 17 consider it.
- 18 We don't put AS 3 violations in Part 1 of an
- 19 inspection report. That's not our purpose. You can call
- 20 it a small thing and say maybe we should, but I think in
- 21 evaluating the audit work that was done we're not focused
- 22 on only what was documented.

- We go to the firm's offices most of the time. We
- 2 engage with the team, whether we go to their offices or
- 3 do it in our offices, and we're dealing with them
- 4 telephonically.
- 5 So everyone has a chance to, you know, fully
- 6 support the work that they did during the time we're in
- 7 the field, during the time that they are responding to
- 8 the comment form.
- 9 So I personally am very comfortable with where we
- 10 have the bar on failure. I think using the word is
- 11 helpful, especially now that we have included a
- 12 definition in the actual report and so I hope that you
- 13 find it helpful. It does represent a very serious item
- 14 that we think deserves disclosure.
- 15 CHAIRMAN HARRIS: And finally, Tony Sondhi, I was
- 16 looking at your body language during the discussion of
- 17 remediation and the question that comes to my mind, and
- 18 I've asked it before with respect to some leaders of the
- 19 profession, can you remediate within a 12-month period?
- 20 MEMBER SONDHI: I'd go back to what Lynn said, it
- 21 isn't clear. I don't see why not. I think it makes a
- 22 lot of sense. I think it's a serious enough issue and

- 1 that the auditors ought to bring all their resources to
- 2 bear on it and there's no reason why they can't.
- 3 CHAIRMAN HARRIS: Does anybody disagree with
- 4 that?
- 5 (No response.)
- 6 CHAIRMAN HARRIS: Barbara, we'll let you have the
- 7 last word before the break for lunch.
- 8 MEMBER ROPER: That's right. I mean one thing is
- 9 I think if they can't remediate in 12 months, we have a
- 10 right to know that they haven't remediated.
- 11 So it's not about their having some indefinite
- 12 protection against this information being public. If 12
- 13 months later they haven't solved the problem, that's
- 14 relevant to the market.
- The other thing I would say is on this issue of
- 16 the term failure, I'm glad you use it. I would be
- 17 strongly opposed to any effort to water it down and make
- 18 these reports more palatable to the firms.
- 19 I think you need to be clear about what's
- 20 happening. If they haven't done enough to support their
- 21 audit opinion, that's a failure and we should call it
- 22 what it is.

1	CHAIRMAN HARRIS: Thank you very much. And with												
2	that, why don't we break for lunch. Lunch will be served												
3	in the Franklin Park A/B Room.												
4	And Barbara Hannigan, the PCAOB's ethics officer												
5	and senior compliance counsel, will be joining us during												
6	lunch to provide a brief overview of the PCAOB's ethics												
7	code. Thank you very much.												
8	(Whereupon, the foregoing matter went off the												
9	record at 12:26 p.m. and went back on the record at 1:32												
10	p.m.)												
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													

22

1	Δ.	- F -	T-1	$\mathbf{E} - \mathbf{E}$	- M -	-0-	\cap - \mathbb{N}	J S	– E –	. S –	$S - \tilde{S}$	T - (\cap –	M

- (1:32 p.m.)
- 3 CHAIRMAN HARRIS: Thank you very much. Our third
- 4 working group presentation concerns audit firm governance
- 5 and how firms incentivize their employees. And as you
- 6 know, audit firm governance is connected to independence
- 7 and professional skepticism, two topics that the Investor
- 8 Advisory Group has taken up in the recent past.
- 9 And as I previously mentioned, Grant Callery has
- 10 very graciously agreed to lead this working group. And
- 11 working with Grant are Brandon Becker, Curt, Joe and
- 12 Larry Shover. So with that Grant, we turn it over to
- 13 you.
- 14 MEMBER CALLERY: Good. Well, we are going to do
- 15 this as sort of a tag team. Each of the people in the
- 16 working group has got a few slides that they're going to
- 17 talk to, and if I can make this thing work I will try to
- 18 keep the slides up with the conversation.
- 19 You know, as the topic of governance and
- 20 incentives, and we try to look at it from the standpoint
- 21 of the investor obviously and the slides that we've put
- 22 together are a group of issues that are by no means all-

- 1 inclusive in this area of governance.
- I think they sort of flow together, the
- 3 incentives and the various things that the firms are
- 4 doing, the business mixes that all lead into, you know,
- 5 what should we do about this, if anything.
- 6 And a lot of it, I think, comes back to comments
- 7 that Barbara Roper made this morning, and Lynn made, you
- 8 know, this 900-pound gorilla in the room of how the
- 9 audits are paid for.
- And so we're sort of assuming the current state
- 11 on that. And then we're looking at things that might be
- 12 red flags and what are the mitigating events that we
- 13 could put in to help.
- 14 And I think when you look at any of those
- 15 mitigating type things, you've got to think about it from
- 16 a cross-benefit perspective, you know, how much bang for
- 17 the buck are you going to get? Is it really going to get
- 18 you where you want to be and at what cost?
- 19 But I think as we go through the slides, there's
- 20 some interesting points here that really sort of point
- 21 in the direction of at least we have to keep our eye on
- 22 the ball here. Because we saw problems ten years ago,

- 1 12 years ago, whatever, and is there creep in the firms
- 2 of things going in the direction that where the audit
- 3 could again find itself not sacrosanct?
- 4 And it's a difficult balancing because you've got
- 5 a large piece of the firms that are doing straight
- 6 business and then you've got this public trust piece.
- 7 And creating the proper balance, I think, is important
- 8 for that.
- 9 So we'll go through the slides, and as I said
- 10 that these are just to sort of stimulate your thinking
- 11 and we'd love to -- are there other issues? Are there
- 12 other factors out there, other mitigation that can be in
- 13 place?
- 14 So I think the auditor evaluations and incentives
- 15 and -- actually, let me talk about our working group for
- 16 one second. We had an interesting blend of people. A
- 17 number of us are new to this group so we were working
- 18 from a clean slate.
- 19 I'm clearly not an auditor, I'm a lawyer, but I
- 20 know about governance in the private sector, regulatory
- 21 sector. We've got Curt, who is an auditor by training
- 22 and by prior vocation, but who is with a large investor

- 1 in both the public and private markets.
- We've got Larry who is an investor with a trading
- 3 background. We've got Brandon, who has some similar
- 4 background pieces to me in the securities regulatory
- 5 world, but is also with a large institutional investor.
- 6 And then we've got Joe, who is the fount of all knowledge
- 7 and has read everything and hopefully steered some of us
- 8 who are less steeped in the mystique in the right
- 9 direction.
- 10 But Curt is our lead off.
- 11 MEMBER BUSER: Thanks Grant. So really I want to
- 12 start kind of, really, what were the observations that
- 13 the PCAOB has seen in its inspection process really
- 14 related to partner incentives and the partner evaluation
- 15 process.
- And there's a lot of words on that page but, you
- 17 know, suffice it to say that at least as of this 2008
- 18 report, you know, there continue to be situations where
- 19 audit quality did not appear to be a significant factor
- 20 in the partner evaluation process or its role in the
- 21 process was unclear.
- 22 And the next page, essentially, is kind of saying

- 1 the same thing that, you know, it was also noted that
- 2 technical personnel who were responsible for audit
- 3 quality were reporting to and evaluated by those whose
- 4 responsibilities included maintaining and growing the
- 5 audit practice. So the clear, obvious conflict.
- 6 Now as you think about these firms, I mean,
- 7 they're businesses. So if you flip the slide, you know,
- 8 they're going to need to have metrics in place to drive
- 9 successful businesses.
- 10 And all the firms will have slightly different
- 11 kind of performance drivers that they want to measure,
- 12 but quality, A, needs to be one of those. And more
- 13 importantly, if you'll flip the slide, we think it really
- 14 needs to be the key metric.
- 15 So, you know, to the extent that it's not
- 16 otherwise happening, the firms really should not rate
- 17 their audit personnel higher than their audit quality
- 18 rating. Seems kind of obvious, but some of the
- 19 information back would suggest that that may not be
- 20 occurring.
- 21 Partners in other service lines that contribute
- 22 to the audit process really need to have the quality of

- 1 their audit input be part of their evaluation process.
- 2 So if you're in the evaluations, you know, service line
- 3 or tax or whatever, and you're supporting the audit
- 4 brethren that support needs to be valued or measured from
- 5 a quality perspective.
- And last, firm leadership needs to be evaluated
- 7 based on the quality of the audit practice. I think this
- 8 is especially important as you start to see some of the
- 9 firm leaderships no longer coming from the assurance
- 10 practice. So as you see shift in kind of where the
- 11 leaders are from their historical background, that's
- 12 going to be really key.
- But you also need to obviously define quality.
- 14 So our earlier conversation on audit quality indicators
- 15 is key. We need to know kind of what is audit quality.
- 16 Once you have audit quality theoretically defined, then
- 17 you can really write the standards, have that drive
- 18 training.
- To the extent those things aren't linked, that's
- 20 a problem. I don't know how you drive audit quality
- 21 without standards that are kind of linked back to it.
- 22 If you think about culture in the firm, the

1 culture has got to be really important both in terms of

2 driving continuous improvement and celebrating quality

3 so that you know what the best practices are, but you

4 also, a basic mindset often in many of the firms, audit

5 quality or where the value is is within the accounting

6 knowledge.

7 So people that are really good at solving complex

8 accounting issues in the national offices, that's

9 different than the people that are in charge of the audit

10 methodology. And having that also be of importance and

11 to the extent that we're going to inspect and need both

12 to occur well, the firms internally need to have, really,

13 the status of both of those being equally important.

14 If you flip the slide, you know, some of this is

15 motherhood and apple pie. I mean the one thing that I

16 think is hard for some of the firms, it's easy to punish,

17 you know, bad players or clear negligence.

18 The harder challenge, I think, is to provide

19 rewards for jobs well done, especially when it's not

20 always clear that, you know, the non-surfacing of an

21 issue doesn't mean that it was great, so how do you go

22 in and make sure what really is the root cause of a good

- 1 audit and reward those people that are really doing it?
- 2 It really needs to be assessed by those in the
- 3 audit practice. You know, people outside that are
- 4 responsible for market share shouldn't be making the
- 5 quality determinations.
- I think the global issue is going to become
- 7 increasingly problematic. I mean many of, you know, our
- 8 companies operate globally, and so to the extent that you
- 9 have a different standard outside of the U.S. as it
- 10 relates to how those people are being evaluated, it's
- 11 going to be a problem. It's going to show up in,
- 12 potentially, deficiencies.
- And then last I'd say it has to be transparent.
- 14 So, you know, really that incentive process within the
- 15 firms for both reward and for punishment really needs to
- 16 be transparent. Maybe not with respect to the
- 17 individual, maybe so with respect to the individual, but
- 18 clearly with respect to the behavior, the behavior that's
- 19 key, good or bad, and the reaction to it, that's got to
- 20 be transparent in order to really drive culture and drive
- 21 kind of, really, the way the rest of the firm's going to
- 22 operate.

- 1 With that I'll turn it over to Larry.
- 2 MEMBER SHOVER: Wow. Larry Shover. I thought I
- 3 had an easy topic. You know, I'm not an auditor,
- 4 accountant, or a lawyer, and I just realized this is a
- 5 very challenging topic. It's half science and it's half
- 6 art. Just like trading, successful trading.
- 7 It's easy to throw stones at the industry, and
- 8 I'll try to be half-full, but we do live in a
- 9 fundamentally flawed era in regards to auditing in the
- 10 sense that I'm under the watchful eye of the CFTC and the
- 11 SEC and it doesn't make sense to me how I have to pay for
- 12 somebody to watch my books. Maybe we can make some baby
- 13 changes.
- But I wanted to give you a disclaimer so at least
- 15 you know where I'm coming from, being not an auditor or
- 16 an accountant. Sometimes when it comes to talent
- 17 acquisition or attracting talent in the whole space we
- 18 think that it's easy just to shrug our shoulders and just
- 19 keep the status quo.
- Some of us want to blow up the whole model and
- 21 start fresh and we know that that's, you know, not going
- 22 to happen. But I think we can, through agitation and

- 1 education we can, you know, change something.
- 2 At the core of my being I just feel like there's
- 3 no higher calling, you know, other than being a priest
- 4 or a teacher or a doctor, than managing someone else's
- 5 money. I really believe that. And I used to not manage
- 6 other people's money, it used to be just mine. But now
- 7 that I do that I'm very, very interested in all this.
- 8 So the first thing about, is the profession
- 9 attracting sufficient talent? Notice the word
- 10 sufficient. I mean I think it is sufficient from
- 11 everyone I've spoken with, however, it could be better.
- 12 And that's really because sufficient talent's not being
- 13 retained in the industry.
- And it sounds very half-empty because what do we
- 15 do to change that. But within the audit practice, versus
- 16 migrating to other service lines, I mean that's very
- 17 typical.
- And as I was speaking with Curt this morning, the
- 19 trek to becoming a partner in an auditing firm seems to
- 20 be a lot longer than in other firms, like in accounting
- 21 firms, et cetera. So it's hard.
- How do you retain top-rated performers within the

- 1 industry? And that goes to the point of it's hard to
- 2 reward people in this industry. And I think it goes back
- 3 to the point that we just need to hold other people's
- 4 money and watching other people's money in the highest
- 5 regard.
- 6 And I think with that said, I honestly think that
- 7 the whole auditing industry should be paid a lot better
- 8 than it is, in a way. And money is not going to solve
- 9 all the issues by any stretch of the imagination, but if
- 10 we do hold things in higher regard I do think that would
- 11 be a baby step.
- How is the audit profession perceived by
- 13 management, investors, regulators, audit committees and
- 14 auditors? For most of us, including me until I started
- 15 managing other people's money, it was just a general
- 16 annoyance. You know, just with a lot of fear and
- 17 trepidation making sure that we did everything correctly
- 18 that they wouldn't find something.
- 19 We never did anything incorrectly or even close
- 20 to being incorrect so I never had to worry about hiring
- 21 somebody off the main line, but it was more of an
- 22 annoyance.

- 2 become more relevant as opposed to less relevant,
- 3 especially after Bernie Madoff and also the crisis in
- 4 2008-2009, and I think a lot of people would agree with
- 5 that.
- 6 The status of the industry has a long way to go,
- 7 in my opinion, because although it's been elevated, the
- 8 status has been slightly elevated, the compensation I
- 9 don't think is there.
- 10 It's not a satisfaction-type job long term, in my
- 11 view, just again, just about rewarding good or bad
- 12 behavior. I mean, it's really hard to figure out good
- 13 ways to compensate people for good, good work.
- And lastly, the stress level. I asked a lot of
- 15 auditors, including the one that audited the mutual fund
- 16 just a few weeks ago, and I get it, the look in their
- 17 eyes. It is a very stressful job.
- 18 Has the audit industry been commoditized? That
- 19 along with compliance, absolutely. It absolutely has.
- 20 And that's one of the problems, I think, and something
- 21 we could work on changing. It is a commoditized product.
- 22 And how do we want the profession to be

- 1 perceived? And maybe you think I'm irrelevant or
- 2 speaking into the dark, but again if we view other
- 3 people's money as it's a humbling experience, and dealing
- 4 with that on an every day level, I think the perception
- 5 of somebody who's actually auditing your books would go
- 6 up as well.
- 7 Do we know and should we care? Is talent
- 8 acquisition and retention being measured? If so, is
- 9 there an issue? Now I don't think it's being measured
- 10 in any credible way. Maybe somebody here could differ
- 11 with that but I haven't seen anything where it's being
- 12 measured and I'm not even sure how that could be done.
- 13 Are surveys being conducted across firms? What
- 14 lessons or best practices can we learn to improve talent
- 15 in the profession? And that goes back to some of its
- 16 compensation. Some of its track to becoming a partner
- 17 and having a vested interest in the firm.
- 18 And should the PCAOB assess the health of the
- 19 profession? And I say emphatically, yes, they should.
- 20 And I definitely have some ideas off line that could help
- 21 with that.
- MEMBER CALLERY: Okay, so the second piece is the

- 1 governance issues. And as I said before that a lot of
- 2 these first questions flow into, are there governance
- 3 reactions? Are there governance structures that should
- 4 be put in place that will resolve some of the issues that
- 5 we've raised? And Joe's going to start and talk about
- 6 the tone at the top and the transparency reports.
- 7 And there are a number of things that have come
- 8 out over the past several years, some of which the U.K.
- 9 has been sort of taking the lead on, which go to some of
- 10 these governance issues. And one of the questions that
- 11 comes up a little later is should we be mimicking them
- 12 in some degree to give that opportunity?
- 13 Joe?
- 14 MEMBER CARCELLO: Thanks Grant. So we decided
- 15 to, in trying to look at tone at the top made an effort
- 16 to be as balanced as we could be here. So we examined
- 17 the transparency reports, the most recent ones we were
- 18 able to get for each of the Big Four. And so you see
- 19 various, these are essentially paraphrases but very close
- 20 to the actual quote out of the transparency reports from
- 21 Deloitte and Ernst on this slide.
- 22 And in the case of Deloitte, you know, saying

- 1 that audit quality is the number one priority, saying
- 2 that they tie compensation of their partners to their
- 3 performance in terms of audit quality.
- 4 E&Y emphasizing the Tone at the Top and how
- 5 that's the responsibility of the senior management team
- 6 and that no client is more important than the reputation.
- 7 And then KPMG and PwC, again KPMG talking about an
- 8 absolute commitment to audit quality and that policies
- 9 at KPMG will enable their partners and employees to act
- 10 with integrity, skepticism, and objectivity.
- 11 PwC, again talking about firm leadership, and
- 12 it's emphasizing its commitment to quality, top priority.
- 13 And then again talking about, in the second bullet there
- 14 for PwC, how compensation for people in the firm is tied
- 15 to quality.
- And I would say just anecdotally, my interactions
- 17 with the leadership of really all the firms, both when
- 18 I was on the SAG and just in other settings, is, you
- 19 know, these people generally very impressive and I think
- 20 really believe this and try very hard to live it.
- 21 But negative, clearly there are some negative
- 22 signs as it relates to this, and we have some things out

- 1 of the U.K., particularly the Financial Times and the UK
- 2 Competition Commission.
- 3 And talking about the first quote there really
- 4 mirrors what Barbara Roper said earlier and that is, you
- 5 know, the basic structure of the profession is such that
- 6 it makes it very hard to always put the public interest
- 7 first. That investor interest of being neglected because
- 8 they only play a small role in hiring audit firms
- 9 compared with that of management.
- 10 Maybe as Anne Simpson said earlier, maybe some of
- 11 that responsibility falls on investors. Maybe they're
- 12 not getting the information they need to cast informed
- 13 votes, but they certainly often approve the auditor
- 14 overwhelmingly. And that misaligned incentives mean that
- 15 auditors tend to focus on management interests over those
- 16 of shareholders.
- And then there's a paper that we have a number of
- 18 quotes from. I've talked about this paper before. It
- 19 just came out in the most recent issue of Contemporary
- 20 Accounting Research. And it's a pretty amazing paper in
- 21 that these authors were able to get access for the actual
- 22 proposal documents that were submitted by each of the

- 1 major firms on two large Canadian companies, one of which
- 2 is a public company that's cross-listed in the United
- 3 States so would clearly have some effect here in terms
- 4 of PCAOB and SEC oversight.
- 5 And they actually went through, not only
- 6 interviewed these people, but went through the written
- 7 documents. And so they talk about it as Client 1 and
- 8 Client 2. So auditors adopted the mottos and slogans of
- 9 Client 1 and Client 2 in their proposals and
- 10 presentations because they wanted to show, you know,
- 11 we're a fit with your organization.
- 12 One particular dimension of reputation that
- 13 interested Client 1 was whether other CFOs, so when the
- 14 prospective client would call around to other CFOs, the
- 15 CFO wanted to know is the auditor rigid, which is
- 16 undesirable, or flexible, which is desirable.
- 17 The authors of this paper saw no evidence of
- 18 reputation with investors or any third-party users being
- 19 in consideration. It didn't even come up. It wasn't
- 20 even discussed.
- 21 Client 1 made it clear that they wanted all
- 22 complex accounting issues to be resolved by the

- 1 engagement partner, and Auditors 2 and 3 responded by
- 2 promising that the final and binding decision would be
- 3 made by the engagement partner.
- 4 One firm promised that they, and this is a quote,
- 5 they do not hide behind the head office. You know, that
- 6 kind of language is very troubling at least to me.
- 7 No meeting between the perspective auditors and
- 8 the audit committee as a whole was held without the
- 9 presence of company executives. CFO had to be there, CEO
- 10 had to be there, again what does that say? What, I've
- 11 got to babysit these people? Next slide.
- 12 Okay, back to you Grant. Oh, wait, no. You
- 13 wanted me to talk about the ads. So let me --
- 14 MEMBER CALLERY: Yes.
- 15 MEMBER CARCELLO: We had in addition to this, and
- 16 we had it in our first slide deck and then I thought aah.
- 17 We did a search on ads that the firms are using and we
- 18 found some, and we did what we could to disquise who the
- 19 firm was, but I still was concerned that maybe you might
- 20 be able to figure it out.
- 21 So I have a couple of them here, so rather than
- 22 being a slide I'll just read the relevant language. So

- 1 this is an ad in a periodical that probably many of you 2 have seen.
- 3 "To ensure success of your most critical SOX
- 4 initiatives, you need to hire a service provider that can
- 5 help you gain a competitive advantage." So that's kind
- 6 of the language that I found interesting.
- 7 And then another ad, "Whether it's accounting,
- 8 tax, or consulting, we're focused on listening to your
- 9 needs and then desiring solutions that fit with your
- 10 budget, your timeline, your corporate culture and
- 11 vision."
- 12 And again, you know, not that any of those is
- 13 necessarily egregious, but I think it does say if you're
- 14 willing to say that publicly what are you doing
- 15 privately? And what is it saying about who you really
- 16 value and where is the linchpin of the relationship?
- 17 Grant?
- 18 MEMBER CALLERY: Yes. And so I think as we
- 19 looked at these things we started to think about, well,
- 20 what are the types of mitigation tactics that can be
- 21 used? And one is to have an independent look at what's
- 22 going on in the firm, you know, where you can have people

- 1 who are privy to the information, privy to the business
- 2 decisions of the firm, privy to the tactical decisions
- 3 of the firm, and to be able to act as a brake if things
- 4 start to snowball in the wrong direction with respect to
- 5 the audit function within the firm.
- 6 And there have been a couple of things in the
- 7 last five years that have gone in that direction. The
- 8 Advisory Committee on the Audit Profession, which was
- 9 established by the Treasury Department, had a report come
- 10 out in 2008 and it had a number of recommendations on
- 11 firm structure and finance.
- But the one that is most relevant to this is
- 13 Recommendation Number 3 which urged the PCAOB and the SEC
- 14 to study and enable, as appropriate, the feasibility of
- 15 firms appointing independent members with full voting
- 16 authority to firm boards and/or advisory boards.
- 17 Now I note there are certainly a whole range of
- 18 issues of putting from partnership law to, you know, some
- 19 of the
- 20 professional codes of ethics and the like, for putting
- 21 people onto the actual governing board of a partnership.
- 22 But I think, you know, the advisory board is a

- 1 possibility, and these people would be looking to focus
- 2 on the governance issues and to be able to advise the
- 3 firms as to what was happening and be able to keep an eye
- 4 on things.
- 5 In the U.K., the Financial Regulatory Council, in
- 6 2010, which was two years after the U.S. study, did come
- 7 out with a proposal that applies to the firms that do the
- 8 most audits within the U.K. and particularly on the main
- 9 market of the London Stock Exchange, and it calls for the
- 10 appointment of independent non-executives.
- 11 And the INEs have roles that are focused on
- 12 shareholder confidence in the public interest. They need
- 13 to have a body that oversees public interest issues, and
- 14 they have a duty of care to the firm. The firm needs to
- 15 disclose criteria for assessing INEs' impact on the firm
- 16 and their degree of independence.
- 17 And they have rights to firm information and to
- 18 disclose disagreements with the firm, not unlike some of
- 19 the Sarbanes-Oxley provisions of reporting up and
- 20 reporting out and that type of thing, where there is
- 21 ability to not have this stay within the firm and not see
- 22 the light of day.

- 1 So I think, you know, we think that, and I assume
- 2 that that is on the PCAOB's agenda somewhere. I don't
- 3 think I've seen anything where you've gotten to do
- 4 anything formal on it at this point, but I think you're
- 5 working through the Treasury Department's recommendations
- 6 and there were a lot.
- 7 And, you know, I think as a group we think that
- 8 that is something that you ought to get on the table and
- 9 you ought to take a look at and see whether this is a way
- 10 to put in a sort of a firewall that will allow there to
- 11 be people focused on the public interest and the
- 12 investors' perspective, you know, who will know what's
- 13 going in the firms to be able to assess whether things
- 14 are moving in directions that they shouldn't be.
- 15 There has been some experience with the U.K.
- 16 entities, and Joe actually had some conversations with
- 17 people who have had experience with that process, and
- 18 he'll tell us a little bit about those.
- 19 MEMBER CARCELLO: Yes, so as we worked on this,
- 20 Grant and I decided that it made sense for me to reach
- 21 out to some people in London who've worked with this
- 22 pretty closely.

- 1 So I did reach out and had quite a lengthy
- 2 conversation with a senior ICAEW executive about U.K.
- 3 firms' experiences with the Audit Firm Governance Code,
- 4 specifically with respect to the independent non-
- 5 executives.
- 6 And what I was told is that the firms who
- 7 initially who were somewhat skeptical of this, they were
- 8 not overjoyed about it, are now quite positive about what
- 9 they have done. In fact, they're quite proud of what
- 10 they've done.
- And as I understand it, there's a requirement
- 12 embedded in that statute for there to be a review in 2014
- 13 as to how it's worked, and the firms are quite anxious
- 14 to have that review done because I think they're very
- 15 proud of how they've implemented this and the effect.
- 16 There was flexibility built into that rule in the
- 17 United Kingdom and giving firms the ability to implement
- 18 the code in different ways. And the implementation has
- 19 largely followed how the firms have organized their
- 20 organizational structures.
- 21 So Ernst & Young has chosen to implement this on
- 22 a global basis. I think we all know Mark Olson, Jim's

- 1 predecessor in terms of permanent PCAOB chairman, and 2 Mark's involved in the E&Y group.
- 3 KPMG has done it on a European basis. Deloitte's
- 4 done it on a U.K. basis, but as I understand it the way
- 5 Deloitte's organized in the U.K., they actually own some
- 6 firms in the Middle East and so they're kind of scoped
- 7 onto that, and then PwC on a U.K. basis.
- 8 So we had quite a good conversation. And we got
- 9 toward the end and I said to this individual, I said,
- 10 yes, you know, this is all very helpful, but here's,
- 11 really, the important question. Has it changed behavior?
- And what he said is the firms look at many issues
- 13 differently after installing INEs, that the kind of the
- 14 lens and how they look at issues, how they evaluate
- 15 issues, how they make decisions has changed in his view,
- 16 suggesting that behavior has, in fact, changed.
- 17 Another piece of information, my quess is the
- 18 Board already knows this, but in the United States, as
- 19 I understand it, Deloitte is moving somewhat in this
- 20 direction voluntarily. They have established an advisory
- 21 group. It's not exactly the same as what we see here in
- 22 the United Kingdom, although they've established an

- 1 advisory group that Dan Goelzer's chairing and that Phil
- 2 Wedemeyer, Arnie Hanish, Sylvana Palmer is all people we
- 3 know quite well, and then a fifth person who I don't know
- 4 are on this group.
- And so, you know, maybe the firms will do this
- 6 voluntarily and there's nothing for the PCAOB to do, but
- 7 the bully pulpit works too. You don't always have to do
- 8 things through regulation.
- 9 Grant?
- 10 MEMBER CARCELLO: The other thing we did before
- 11 I turn it back to Grant is, in the lead-in to this he
- 12 talked a little bit about consulting. Certainly, Jim has
- 13 given a number of speeches about concern about the rapid
- 14 growth of consulting vis-a-vis the much slower growth of
- 15 audit, so we decided to look at the numbers.
- 16 And so these are the numbers across the three
- 17 firms, based on their own published information, and this
- 18 is for the United States, and you see the split. And,
- 19 you know, Deloitte is the only one that never spun off
- 20 their consulting practices, the other three did.
- 21 And so Deloitte reflecting that is guite heavy in
- 22 terms of consulting vis-a-vis the other two practice

- 1 lines. The other three firms given that they've had to
- 2 rebuild their consulting practices, clearly still have
- 3 those practices not as large as audit, but given the
- 4 trend lines in terms of the growth rates of those two
- 5 practices, doesn't take a lot of imagination to envision
- 6 a future scenario where consulting may be larger than
- 7 audit again.
- 8 So they're just data. Certainly I think the
- 9 Board's paying attention to this. One thing though that
- 10 may be worth thinking about is it's not clear to me, and
- 11 we talked about this a bit this morning at breakfast,
- 12 whether all consulting is created equal.
- And so there are certain types of consulting that
- 14 one could argue are more related to the audit skill set,
- 15 and in fact one could argue, or in fact if not public
- 16 interest services at least quasi-public interest
- 17 services: risk consulting, forensic accounting, anti-
- 18 money laundering controls, various compliance type
- 19 services.
- 20 And it's certainly not the audit, but there's an
- 21 element of public interest associated with those versus
- 22 what I would call more pure consulting which might be

- 1 large-scale, ERP-based systems implementation,
- 2 management, strategy consulting, things of that nature.
- It might be useful, and maybe the Board's already
- 4 gathering this information, to have that split for your
- 5 purposes if not for public consumption, because again
- 6 it's not clear that all consulting necessarily poses the
- 7 same risks.
- 8 MEMBER CALLERY: Right. Well, I quess most
- 9 people are sort of informed by their background. And I
- 10 may be a little off in the stratosphere here from the
- 11 standpoint of not being an auditor or having a lot of
- 12 experience, but as I looked at this issue and
- 13 particularly the last slide, and again, Joe's caveats on
- 14 the last slide are very important ones because the
- 15 numbers look like there's a lot of consulting creeping
- 16 back in.
- 17 But it's important to understand what the
- 18 consulting is because I think, you know, you've got
- 19 complex issuers that the firms need lots of resources to
- 20 be able to do a good audit and some of those are in the
- 21 consulting side of the world and not the strict auditing,
- 22 and so there's a real balancing you need to do about, you

- 1 know, which is the cart and which is the horse. Because
- 2 otherwise you've got to go outside to get those resources
- 3 and if you've got them internally, but you can't just
- 4 have them for the audit purposes because they've got to
- 5 pay the freight, so it's difficult.
- 6 But as I looked at it, one of the things that
- 7 occurred to me is if this balance starts to shift again
- 8 in the direction that makes it difficult for audit, is
- 9 a couple of things that I have lived through in my prior
- 10 life.
- 11 You look at the way the markets operate and were
- 12 structured, they're self-regulatory organizations. They
- 13 had and still have multiple functions. They're market
- 14 operators and they are regulators of those markets and
- 15 the participants in those markets.
- And I think there is an analogy between the audit
- 17 function and the regulatory operations piece of those
- 18 organizations, and then the non-audit function in the
- 19 market operations.
- 20 And this really came to the fore back in the mid-
- 21 '90s when NASDAQ was growing wildfire and became a very
- 22 dominant part of what was then NASD, and in fact too

- 1 dominant. And we had a run-in with the SEC and an
- 2 administrative proceeding against NASD coming out of what
- 3 was then the price-fixing issues in NASDAQ.
- 4 And I think that there was a feeling, and there
- 5 was a long 21(a) report that the Commission wrote that
- 6 talked about the lack of independence, the lack of the
- 7 separation of the functions and the cart, in fact, was
- 8 leading the horse if NASDAQ was the cart.
- 9 And the Commission hasn't given up on those
- 10 issues. I think in 2004 they issued a concept release
- 11 on self-regulation where it raised some of the same
- 12 issues. It's, you know, as competition grows are these
- 13 conflicts that are built into these kind of separated
- 14 things exacerbated?
- 15 Has internal separation of functions worked, and
- 16 can conflicts like this be effectively managed through
- 17 governance changes? Which sort of goes back to the prior
- 18 discussion of the independent non-executives, is that
- 19 enough? And the Commission is looking at it again. I
- 20 mean Commissioner Gallagher is very interested in the
- 21 whole structure of SROs.
- 22 And so I think that those kinds of conflicts are

- 1 going to be talked about and written about again, and I
- 2 think that they are at least a sort of a learning piece
- 3 for thinking about the way an audit function works within
- 4 a larger accounting firm.
- 5 And with that I believe is the end of our
- 6 presentation. So we would open it up for discussion of
- 7 anything that any of us have talked about. And Brandon,
- 8 do you have any wrap-up points that you'd --
- 9 MEMBER BECKER: No.
- 10 CHAIRMAN HARRIS: Well, you certainly raised a
- 11 large number of issues. I'm not quite sure where to
- 12 start, and I think others will have questions of their
- 13 own. I don't know whether to start with the issue of
- 14 culture, which you raised at the outset, to talk about
- 15 that.
- But the term, the audit becoming commoditized is
- 17 beginning to be used all the time now. I'm not sure what
- 18 that means, and I'm not sure what the implications are
- 19 for the PCAOB and what our role ought to be in terms of
- 20 overseeing such commoditization in terms of looking at
- 21 the prices that are associated with commoditized
- 22 professions.

1	So	if ·	VOU	could	talk	а	little	bit.	about.	t.he
_	\sim		, – –	CCGEG	C CL 1.	o.		\sim \sim	azcac	C 1 1 C

- 2 commoditization first and the culture second or the
- 3 culture first and the commodization second, I'll start
- 4 with that.
- 5 MEMBER BUSER: So I'll try. When I think about
- 6 commoditization I really think about it becoming just
- 7 that. It's the lowest price focused on price. It's the
- 8 view that the auditor is the bean counter. It's the view
- 9 that the auditor really doesn't have anything that
- 10 meaningful to say. Now obviously that's not true, but
- 11 it gets into the whole concept of how is the profession
- 12 perceived?
- Now it's easy to talk in generalities, you know,
- 14 one-size-fits-all, but that's in where I think the
- 15 pressure does come to measure. And do we know kind of
- 16 how is the profession doing? How is it perceived?
- 17 What's the status of an audit partner within an
- 18 audit committee meeting or within a board meeting to the
- 19 extent that their voice matters, or doesn't matter?
- 20 These are important questions because it speaks to the
- 21 ability, you know, why should the junior person within
- 22 that firm choose to stay if, you know, they're not

- 1 relevant? It goes back to the culture of the firm and 2 the like.
- I mean, so I think the prior conversations, we
- 4 all want the profession to be strong, to be able to
- 5 communicate the hard messages, to be able to stand up for
- 6 the public interest, and I think those things can be very
- 7 exciting and really what will attract people to the
- 8 profession.
- 9 I don't believe it's all about compensation, but
- 10 dollars need to be on the table. And if I have a choice
- 11 between maybe going into a consulting practice or
- 12 auditing controls, hmm, what might be more fun? That's
- 13 the hard part here.
- I mean, this isn't an easy, one-size-fits-all,
- 15 but it is about kind of, you know, what keeps this stuff
- 16 interesting and retains status? And it's very easy, I
- 17 think, for the firms to say, well, the inspection process
- 18 creates undue stress.
- 19 It contributes possibly, but it's all these other
- 20 factors around relevancy of what's being done and it's
- 21 very easy to kind of discount the auditor as the bean
- 22 counter.

- 1 CHAIRMAN HARRIS: If I could, I'll now turn it
- 2 over to Grant to moderate the questions since,
- 3 recognizing the tents. But if each of you could focus
- 4 on what you view the role of the PCAOB to be with respect
- 5 to either culture, commoditization, or otherwise as you
- 6 reflect on your remarks that would be helpful as well.
- 7 MEMBER CALLERY: Well, I guess I think of it as
- 8 sort of in, and not necessarily, specifically in the
- 9 rulemaking function or whatever, but the sort of an
- 10 overview of the profession and whether there are avenues
- 11 that the firms ought to be pursuing, somewhat the bully
- 12 pulpit, your ability to have conversations with the firms
- 13 as you work with them to see.
- I think there needs to be drilling down into some
- 15 of these issues. I mean, you look at that chart and you
- 16 say, okay, these percentages look a little scary. Does
- 17 it mean that the audit function is becoming the poor
- 18 stepchild of the consulting and other functions? And
- 19 that is the commoditization.
- Is it really, are the companies just going out
- 21 and saying, give me a bid and I'm going to buy the lowest
- 22 bidder? But I think a lot of it, particularly in the

- 1 transparency reports, put out some information about the
- 2 firms, but I think you can get a lot more detailed
- 3 information to see whether a chart like that is something
- 4 to worry about or something not to worry about.
- 5 And so I think you have a unique position to be
- 6 able to gather information from the firms to then, you
- 7 know, make more informed decisions rather than knee-jerk
- 8 decisions based on something that looks, you know, on its
- 9 surface like an issue.
- 10 MEMBER BUSER: You know, it's easy to have these
- 11 conversations in the fact-free environment. So that's
- 12 really where my request to the PCAOB is, is let's get
- 13 some facts. And I think the firms have a lot of this
- 14 information so it's really a matter of kind of, you know,
- 15 requesting from them and then making some evaluations
- 16 around it.
- 17 I also think on the slide that was raised on kind
- 18 of percentages, you know, i.e., tax, audit, consulting,
- 19 the other piece that speaks to commoditization is what
- 20 I would refer to as the make/take ratios.
- 21 So if I'm a partner in the audit practice, am I
- 22 taking home more than I'm making for the firm or how does

- 1 that ratio work? And if I am taking home more than I'm
- 2 making or if I'm just purely making less than my other
- 3 service lines it's a problem.
- 4 And we've lived that story before and so we ought
- 5 to be mindful of that. And that seems like something
- 6 that ought to be measurable, that we ought to be able to
- 7 track and kind of understand.
- 8 And that I think speaks a little bit to the
- 9 commoditization, right, because if the audit practice is
- 10 not that profitable, relative to the others, what's the
- 11 market saying about it? And some of it gets to, you
- 12 know, are the audit firms selling assurance or are they
- 13 just kind of, you know, how aggressive are they in kind
- 14 of going out and creating new assurance products and
- 15 taking that on?
- 16 And I'd like to see them kind of step up and do
- 17 more in that area. Now that's probably beyond what the
- 18 PCAOB can do, but it's part of where I think, you know,
- 19 the profession in terms of assessing the health of the
- 20 profession, it's important.
- 21 MEMBER BECKER: I would only add that I do think,
- 22 Grant alluded to it earlier, that there is a close

- 1 connection between the audit quality indicators we talked
- 2 about this morning and then seeing those feed into the
- 3 governance process.
- 4 And it does seem to me that the Board can help
- 5 through the inspection process. Make sure that there's
- 6 a connection between those two things. It's harder for
- 7 me to see the Board qua the Board necessarily increasing
- 8 the fees that the assurance function generates. It's
- 9 just not well structured for the Board to do that.
- 10 But it can try to focus on whether or not those
- 11 quality indicators are going into the evaluation of
- 12 individual partners and their compensation and if there's
- 13 a realistic governance process that incorporates that.
- 14 MEMBER CARCELLO: Steve, I'll add a few things,
- 15 too, because you asked for suggestions for the things the
- 16 Board could do. So, you know, one thing is efforts to
- 17 make the audit more valuable. I think the Board's trying
- 18 to do that with the audit report. I think they're trying
- 19 to do that with audit quality indicators.
- I talked about earlier this morning the need to
- 21 work more closely with the SEC and the FASB to really
- 22 understand how investors are making decisions, what

- 1 information they're using, and what role there is for
- 2 auditors to provide assurance around that information.
- 3 A tie as part of the inspection process to make sure that
- 4 firms are really tightly linking compensation and
- 5 advancement to quality.
- 6 There's been a discussion in the AQI project of
- 7 surveys, potentially, of people inside the firm. And
- 8 that can be useful, but if you really want to know what
- 9 the culture is like in an organization, survey people
- 10 who've left. That will tell you the truth.
- 11 Quality control standards, Marty's working on
- 12 that now. Again the importance in those are firm
- 13 governance. The importance, potentially, of INEs, maybe
- 14 that's not through a rule but that's through again the
- 15 bully pulpit.
- 16 And then fees. Again maybe you guys monitor
- 17 this, but if there's a 30 percent or a 40 percent decline
- 18 in the fee, automatically to me that's going to be
- 19 inspected. And I would make that transparent, because
- 20 what you do by doing that is you probably put a floor
- 21 under a decline in fees. All of a sudden you're not
- 22 going to see that anymore.

- 1 MEMBER CALLERY: Okay. Well, why don't we do the
- 2 reverse of what we did and start over here and work our
- 3 way around the table this direction.
- 4 MEMBER TAROLA: Thanks Grant. Extremely
- 5 interesting subject. Just a little background. I sit
- 6 on two audit committees and I'm an CFO of an
- 7 organization, and with respect to that organization we
- 8 just went through a process to pick another auditor.
- 9 Rotation was desired and a fresh look was important.
- 10 But not a single firm that proposed talked about
- 11 the quality factors. It was all about the cultural fit
- 12 factors, the competence fee of accounting, or tax, or
- 13 risk management or whatever issue they thought was
- 14 important to us. None of them talked about the quality
- 15 factors. And I noted at lunch with some folks that you
- 16 don't see the firms competing on quality.
- 17 So to your question, Steve, if there's a way for
- 18 the PCAOB to make quality indicators or quality factors
- 19 not just transparent but unbiased, so that the buyer of
- 20 the service could evaluate quality along with other
- 21 factors because the audit will become a commodity if
- 22 quality is not part of the decision making process.

- 1 It'll just be price or, you know, more the social 2 factors.
- 3 And we picked an auditor that we thought was both
- 4 reasonably priced and high quality, but we had to dig to
- 5 find the quality factors. They didn't bring them
- 6 forward.
- 7 MEMBER CALLERY: Barb?
- 8 MEMBER ROPER: So a couple of things. One of the
- 9 things that struck me in the Tone at the Top and the
- 10 quotes from the various firms, I don't know if any of you
- 11 have looked at all at the Department of Justice's lawsuit
- 12 against S&P Credit Rating Agency, Standard & Poor's?
- 13 They made exactly the same kind of assurances that, you
- 14 know, we have the highest standards, objective, ratings.
- 15 And they get into court, they're challenged in court and
- 16 they said, but that was puffery. No, I mean that's their
- 17 first defense. That was puffery. No one really took
- 18 that seriously.
- 19 And that's how I look at those kinds of quotes
- 20 is, you know, seriously, that is a very easy sentence to
- 21 write and doesn't necessarily mean anything about the
- 22 actual culture in the firm.

1 I would commend for your reading pleasure a

2 recent study from FINRA on conflicts of interest. It

3 deals with a similar situation in that it's dealing with

4 broker-dealers who have a number of inherent conflicts

5 of interest in their business model, a business model

6 that's pervaded by conflicts of interest, and then

7 addresses a range of issues about how they are expected

8 to identify, manage and mitigate those conflicts of

9 interest.

And one of the things that comes through when you

11 read about this is, there are certain inherent conflict

12 of interests. There's an inherent conflict of interest

13 in this business model for auditors. But they make

14 choices that make those conflicts worse.

15 So if you compensate based on your success in

16 attracting business, or if you punish creating conflicts

17 with clients because you're too tough or what-not, you

18 are taking an inherent conflict of interest and

19 magnifying it many times, so it's much more harmful.

20 And I'm not sure, you know, I don't know this

21 area as well as I know the broker-dealer area, but in the

22 broker-dealer area they make lots of choices that magnify

- 1 the conflicts of interest.
- 2 And what I think is interesting about the FINRA
- 3 report, which is designed to be a report that the firms
- 4 can use to drive them toward better practices with the
- 5 promise that FINRA will be there looking for
- 6 improvements, is that it forces you to think very
- 7 consciously about identifying the conflicts, what are you
- 8 going to do to manage them, what are you going to do to
- 9 mitigate them, and I think it makes it at least somewhat
- 10 more difficult to make the choice to justify the choice
- 11 to make them worse.
- 12 And so I think there is potential in that model
- 13 for something that the Board could do that would be
- 14 concrete. I mean, this study is obviously the product
- 15 of a number of interviews, you know, extensive interviews
- 16 over a period of time with the firms to examine the sort
- 17 of state of play within the firms, and it looks in
- 18 specific areas where they think, you know, conflicts of
- 19 interest are particularly relevant, including
- 20 compensation practices as one, and identifies best
- 21 practices.
- 22 And I think it's something that the Board could

- 1 look at certainly with the larger audit firms but, you
- 2 know, doing a similar kind of a evaluation with a similar
- 3 goal of driving toward better practices in the firms.
- 4 JUDGE SPORKIN: This deal with the underpricing,
- 5 I think you can deal with it on the guestion of
- 6 independence. In other words, if you are pricing your
- 7 audit at a price which some standard would say is not
- 8 feasible, that it's too low, then that I think raises an
- 9 independence question. How are you going to be able to
- 10 deal with it?
- And something what, you know what Levitt did on
- 12 the independence issues when he was at the SEC. At least
- 13 you could be, even if you're not the decision maker in
- 14 independence, you clearly could do the study and send it
- 15 to the SEC because the SEC can do that.
- 16 But I think there's some of these things that you
- 17 can say if the conflict is so great there is an
- 18 independence issue. The government as you know has an
- 19 anti-deficiency rule that people can't contribute to the
- 20 government.
- 21 And I think it's going to be hard to do, but I do
- 22 think an auditor that is engaged in practices which would

- 1 compromise his ability to be able to write a clean
- 2 opinion does raise the issue whether how independent the
- 3 auditor is.
- 4 MEMBER BUETTNER: I think this Committee did
- 5 excellent work, so thank you for your time and efforts.
- 6 My comment directly addressing your point, Steve, what
- 7 can the PCAOB do?
- 8 I think this idea of the INEs, which is something
- 9 that I was not really aware of prior to your
- 10 presentation, is extremely interesting. I think anytime
- 11 that you have an independent set of eyes come in with a
- 12 metric that is focused primarily on quality as opposed
- 13 to market share or revenue per partner is probably the
- 14 best way to disinfect against any bad practices that
- 15 might be occurring at the time.
- 16 So my questions to the committee might be where
- 17 are we, we meaning United States and specifically the
- 18 PCAOB, where are we in studying the potential adoption
- 19 of INEs here?
- 20 And then again to your point, Curt, it's great to
- 21 discuss things when it's not factually based, but do we
- 22 have any tangible facts aside from sort of the suggestion

- 1 that behavior has changed that would create greater
- 2 impetus behind adopting INEs in the United States?
- MEMBER CALLERY: I think that question would go
- 4 to that end of the table at least as to where the PCAOB
- 5 is with respect to the INEs.
- 6 DIRECTOR DOTY: It's not been lost on us that the
- 7 firms are moving in that direction, and some of the
- 8 representatives of that movement are here. There's also
- 9 been, I think, significant attempt at the top of the
- 10 firm, the global firms, to start presenting the global
- 11 network as a more coordinated, less disparate and
- 12 dysfunctional business enterprise itself and that has to,
- 13 in part, with the efforts of Lewis Ferguson and other
- 14 colleagues from around the world who are sharing a lot
- 15 of information about how the global network --
- 16 MEMBER CALLERY: I mean, it would seem to me just
- 17 intuitively that if this is now in place for the large
- 18 firms, and I think it's for eight firms in the U.K., and
- 19 if the reaction that Joe got in the conversations as to
- 20 the positive nature of it, you know, trickling that down
- 21 to the U.S. operations may not be as painful a move as
- 22 you might otherwise think, and that maybe with that

- 1 background, you know, there may be more receptiveness to
 2 it.
- 3 DIRECTOR DOTY: I tend to see the heads of U.S.
- 4 audit firms as being a very special class. I think they
- 5 are on the whole more alert and more intent on getting
- 6 to a position like this than they have been in a long
- 7 time.
- 8 I think one of the things the Board has
- 9 accomplished, without me being here, but one of the
- 10 things they accomplished before I came is to begin to
- 11 make the firms aware of what it meant to be a regulated
- 12 enterprise. And it changed in some ways the attitude of
- 13 the leadership of the U.S. firms for the better.
- 14 MEMBER CALLERY: I can't see all of the upright
- 15 cards. Lew, I think yours is the next.
- 16 MEMBER FERGUSON: I have an observation and a
- 17 question for you all. One of the things that I thought
- 18 was interesting about your information here is it shows
- 19 that the firms, or at least accounting firms when they
- 20 compete for business, don't compete on quality.
- 21 But if you think about that and you think about
- 22 them as rational business people, what they are doing is,

- 1 in fact, selling to the clients exactly what they think
- 2 the clients want to hear. That the clients are not
- 3 asking for audit quality.
- 4 So I think we have to be aware that we live in a
- 5 world here where a lot of business executives regard the
- 6 audit as a regulatory necessity. It's a requirement and
- 7 therefore you get it done as cheaply as possible.
- 8 You know, it's interesting. Brazil, which now is
- 9 in its second or third year of having audit rotation
- 10 required every six years, as a whole in Brazil I've been
- 11 told that audit fees have dropped by more than 30
- 12 percent, and some of the big audit networks are now
- 13 raising questions. Can we even do business profitably
- 14 in Brazil?
- 15 But my question to you is, if it is the case that
- 16 auditors are sending, are giving information to their
- 17 clients that they think the clients want, how do we
- 18 convince the purchasers of these services that they need
- 19 to be asking for different things as well?
- This is not just about requiring the auditors
- 21 doing things, this is also about teaching the consumers
- 22 of these products what the audit does and why you really

- 1 ought to care about audits. So the question right back
- 2 to you all is how do we do that?
- 3 MEMBER CARCELLO: Grant, let me take a first shot
- 4 at that. I actually think, Lew, you've identified the
- 5 essential issue, and arguably along with the issue that
- 6 Lynn said this morning is probably the biggest issue
- 7 facing the profession.
- 8 The problem is, I view that issue largely as an
- 9 SEC issue and possibly a Department of Labor issue. And
- 10 so there's two essential problems. One is, I think in
- 11 way too many cases audit committees are not acting even
- 12 remotely consistent with the spirit of Sarbanes-Oxley.
- 13 And Anne and her team, I think, will have more to say
- 14 about this later.
- 15 And unfortunately, that's for Brian, I don't see
- 16 him and don't know where he is, but that's for Brian and
- 17 his friends down there by Union Station. It's not really
- 18 for the PCAOB.
- 19 The other problem is, I think in way too many
- 20 cases, and this is what Anne said earlier, Anne Simpson
- 21 said earlier, way too many cases, the people who are
- 22 managing the money for every single person in this room

- 1 in terms of their retirement, if you have a 401(k) or a
- 2 403(b) or a SEP IRA or anything are not really, in my
- 3 opinion, fulfilling their fiduciary duties as it relates
- 4 to oversight of the audit and oversight of financial
- 5 reporting as careful owners.
- And CalPERS does, Anne, but I think there's a lot
- 7 of people in the investor space who just abdicate too
- 8 quickly. And, Lew, until those two things get fixed
- 9 we've got an issue.
- 10 MEMBER CALLERY: Okay, we are sort of at the end
- 11 of our time. Steve, can we do quick rounds down --
- 12 CHAIRMAN HARRIS: No, I think what I'd like to do
- 13 is go around and have everybody -- I think we'll just
- 14 skip the break because this is good and I want to get
- 15 people out on time. I want to get the general
- 16 discussion. We'll skip the break and then we'll go right
- 17 to the audit committee's at 2:50.
- 18 So we'll take five minutes off of Anne's. Why
- 19 don't we go around the table and finish up this
- 20 discussion and give everybody, you know, three minutes.
- 21 MEMBER CALLERY: Okay. Well, we keep moving
- 22 backwards because we were all the way over here.

- 1 CHAIRMAN HARRIS: No more tent cards on this
- 2 subject, and then we'll just go around --
- 3 MEMBER CALLERY: Okay. Why don't we pick up
- 4 where we left off over here, and if everybody can be as
- 5 crisp as possible with their comments that would be good,
- 6 and then we can get through the group.
- 7 Tony?
- 8 MEMBER SONDHI: Thanks Grant. I'm going to
- 9 respond to the question that Steve raised earlier which
- 10 I think is connected to what Lew was just saying, and
- 11 that is, you know, why is an audit a commodity?
- And one of the things about a commodity is that
- 13 there's, the two characteristics are low profitability
- 14 and little, if any, difference in quality. What happens
- 15 in the marketplace, normally, is that when you get a
- 16 commodity, but if there's a market, somebody comes in
- 17 with a higher quality product. For example, organic
- 18 food, and certain kinds of chips, for example,
- 19 semiconductor chips.
- 20 So fundamentally what it brings us to, why isn't
- 21 there a market for high quality audits? And as Anne
- 22 Simpson said very early this morning, you know, there

- 1 must be something that investors aren't doing right
- 2 because we are the ones who ought to be demanding those
- 3 higher quality audits.
- I mean, I happen to really, really like organic
- 5 food, for example, so I go search it out. So if my
- 6 money's at stake, which it is as Joe just pointed out,
- 7 then somehow the investors need to be finding a way to
- 8 push this.
- 9 CHAIRMAN HARRIS: Grant, out of respect for our
- 10 plenary authority why don't we recognize Brian, to keep
- 11 on the good side of the SEC.
- 12 MEMBER CALLERY: He's just knocked down his
- 13 identity.
- 14 MR. CROTEAU: Thanks. Well, Joe, I know it's
- 15 hard to see each other from this far away, but I just
- 16 wanted to respond to Joe's comments.
- 17 And certainly I take his points relative to the
- 18 PCAOB's oversight authority versus SEC's relative to
- 19 audit committees, but at the same time I didn't want it
- 20 to go unsaid that the PCAOB, I think, has made a lot of
- 21 progress in terms of thinking about how they still can
- 22 enhance the roles that audit committees have without

- 1 necessarily having the direct oversight authority,
- 2 including making sure that audit committees are armed
- 3 with appropriate information about the inspection process
- 4 and trying to do more relative to the inspection process
- 5 and communicating with audit committees and audit
- 6 committee chairs on a voluntary basis through the
- 7 inspection process.
- 8 Obviously there's a new audit committee
- 9 communications standard that was recently finalized, and
- 10 that's not to say that there's more that can't be done
- 11 because I think there is. And I think a lot of it does
- 12 involve the need for close coordination between the
- 13 organizations.
- I just wouldn't want this group to feel they
- 15 shouldn't and couldn't share any ideas at all that they
- 16 have relative to how things could be improved because we
- 17 do have the opportunity to certainly be working together,
- 18 the two organizations, and there are things I think the
- 19 PCAOB can and have already done. And so I think it's
- 20 just important to acknowledge that.
- 21 MEMBER HEAD: This is Mike Head again. And this
- 22 is such a passionate topic, especially for those of us

- 1 that are raised and our profession was a CPA and an
- 2 auditor, so I'm going to try to keep my comments concise
- 3 and just make some observations without letting that
- 4 emotional side get involved, because it's hard to
- 5 separate those two things being a 35-year CPA.
- 6 But first, there's nothing wrong with a
- 7 commodity. A lot of companies make a lot of money by
- 8 having tighter margins and high volume in something that
- 9 they have a unique skill set at and being able to do
- 10 that.
- 11 The word "commodity" for some reason is being
- 12 thrown around as a negative when I would call it a niche,
- 13 a specialization, an industry expert, a subject matter
- 14 expert in that they're providing high quality audit
- 15 quality at a very affordable price, because they do it
- 16 very well, very effectively, very efficiently and do it
- 17 a lot.
- And if you start trying to do things that aren't
- 19 your core competency then you start not being as good,
- 20 and I think those are positive attributes not negative.
- 21 So I would be cautious to worry about if auditing is a
- 22 commodity or not. I hope it becomes a high quality

1 commodity that our audit professions are proud of 2 providing, okay.

- 3 So that's kind of an emotional statement, but I'm
- 4 proud to be an auditor and I think I want to do it
- 5 efficiently and effectively at the lowest price I can so
- 6 the investors and my clients get the most value for an
- 7 effective audit at a very, very high quality. So that's
- 8 kind of that comment.
- 9 And I think what you're seeing differently in the
- 10 percentages once you peel that onion back, is these firms
- 11 are complying with their independence rules. Therefore
- 12 I'm less worried about consulting occurring, because it's
- 13 got to be occurring on non-audit clients if it's not
- 14 considered acceptable audit/client services.
- And I don't think they're violating the rules, I
- 16 just think that it provides a cultural opportunity to
- 17 attract and retain very specialized people that you can't
- 18 spend and develop that specialization a hundred percent
- 19 of the time on the auditors, so then they use that skill
- 20 set to keep them honed and subject matter experts on
- 21 other non-audit consulting work that allows them to
- 22 continue to be subject matter experts to be drawn on, on

1 the audit clients that they're not doing the consulting 2 work for.

- And again, I see that as a very positive not as

 4 a very negative thing. And it provides cultural career

 5 opportunities for those individuals that don't

 6 necessarily want to always do the audit work that is

 7 slightly different, not as sexy, maybe not what we get

 8 up and aspire to do every day sometimes. And that's okay

 9 too. There's nothing wrong with that.
- 10 Probably the last observation that I would make,
 11 which is an alternative to the independent INEs and
 12 things, and we talked about it earlier and we thought it
 13 was an inherent conflict, and I think both the audit
 14 firms and the issuers, the companies, would not
 15 necessarily be opposed to it.
- Why do we not consider, why does the PCAOB not consider taking on the responsibility of assessing fees that would be used to hire the auditors and take that conflict out of the formula for the clients that the auditors are performing, and then use the audit quality indicators as an inspection process with the hiring and firing, if they felt it was appropriate, as a way of

- 1 ensuring audit quality is of the highest?
- 2 My CFO at my company cares about the relationship
- 3 and the service they're getting and how they're being
- 4 treated and that they have the best auditors, as long as
- 5 he felt it was, I think -- and I know him pretty well.
- 6 I've known him for several years.
- 7 I think if he didn't think that would cause an
- 8 inefficient fee assessment process and that it would
- 9 inherently cause fees to go up but it could be managed
- 10 in a very efficient way, I don't think he cares if the
- 11 company is paying for it, paying directly to the firm or
- 12 paying it to PCAOB.
- 13 I think he worries about losing control of it
- 14 being an efficient way to hire auditors versus
- 15 inefficient, not who has the power. Now maybe I'm wrong
- 16 on that, but those are kind of my off-the-wall thoughts
- 17 and comments and I hope I didn't show too much emotion
- 18 with that.
- 19 MEMBER CALLERY: Lynn?
- 20 MEMBER TURNER: First, just to dispel this
- 21 misnomer around the table that the margins on audit work
- 22 are less or significantly less than margins on

- 1 consulting, the Commission in its rulemaking in 2000 did 2 get a study on that.
- 3 It was done by Rick Antle at Yale University and
- 4 the firms all participated in that and it clearly
- 5 demonstrated that the highest margin, Brandon, was
- 6 actually on the audit work, not on the consulting work.
- 7 So --
- 8 MEMBER BECKER: That was 2000, you said, Lynn?
- 9 MEMBER TURNER: Yes. And that was when they had
- 10 their big consulting practices. And I think that may
- 11 still be available out on the SEC's website. I don't
- 12 know if it's still out there or not. It was at one point
- 13 in time.
- 14 So the notion that the audit practice is a low
- 15 margin product is just wrong and there's no evidence to
- 16 support that other than you see it pop up in newspaper
- 17 stories from time to time with no supporting evidence.
- 18 Second of all, the audit has not become a
- 19 commodity, the audit has been a commodity for over four
- 20 decades now. It became a commodity when in '76 to '78
- 21 time frame the CFTC and DOJ removed the barriers on
- 22 competitive bidding and a number of other barriers that

- 1 the profession had had, and that immediately drove it to
- 2 a much lower pricing models when the CFOs went out and
- 3 started doing competitive bidding.
- 4 And so the notion of commoditization is not new,
- 5 and I agree with Mike wholeheartedly that's not
- 6 necessarily a bad thing. Computer servers, that's a
- 7 commoditized product.
- 8 Many of the chips are commoditized product.
- 9 We've commoditized stockbroker fees and, you know, it's
- 10 just a matter of pricing. And for most CFOs they aren't
- 11 going to see a big difference in picking one of the Big
- 12 Four as long as they get a partner that has some industry
- 13 expertise and knows what they're doing.
- 14 Why wouldn't you, especially when as the CFO
- 15 you're responsible for the budget and the line item in
- 16 the budget, why wouldn't you go to the lowest price
- 17 because stockholders are asking you to make the numbers
- 18 for the year? It's exactly what they're incented to do.
- 19 So to Lew's question about how are you going to
- 20 educate the CFOs, I wouldn't waste my time because it
- 21 ain't going to happen, not the way the system works. In
- 22 fact, I spoke about two years ago to a group of about 250

- 1 to 300 CFOs, CFO Rising, a big FEI event, CFO event that 2 was out in Vegas.
- 3 And we did a survey of the participants in the
- 4 audience and it was driven by the fact that audit fees
- 5 had been dropping at the time, some significantly, some
- 6 which were discussed at the SAG at the time. And the
- 7 question was raised of those in the audience whether or
- 8 not it had actually been the audit committee involved
- 9 with hiring and setting fees or whether it had been the
- 10 CFO, the controller people inside the company.
- And of the 250 to 300 in the audience, I think
- 12 there was six that were counted where the audit committee
- 13 had done it, and the rest of it had all been negotiated
- 14 by people with inside the company.
- 15 So the reality is, is SOX is not being complied
- 16 with because it's supposed to be the audit committee
- 17 doing this, and there's absolutely no, zero enforcement
- 18 of that provision of SOX by the SEC. And until that
- 19 happens that ain't going to change.
- 20 So that's going to keep you in a commoditized
- 21 product, and it's all those things I agree with Joe that
- 22 having the PCAOB come out and say, if you end up being

- 1 the low company in the industry with the lowest audit
- 2 fee, yes, we're going to come look at you, which is
- 3 common sense. I mean that's not rocket scientist stuff.
- 4 That would send a clear-cut message that perhaps you
- 5 don't want to be the low guy on the totem pole.
- And again the market, just said, there's no
- 7 difference between the four big firms and that's
- 8 acknowledged so then it just isn't going to change.
- 9 As far as governance goes, I think the EU and the
- 10 U.K. have taken some good initial steps in terms of
- 11 requiring more transparency about how the process works.
- 12 I think that is key, and I think key to the way the firms
- 13 operate in the culture, since Jim Doty raised the
- 14 question of culture, is the selection of that CEO.
- 15 He's voted on by the partners. He's voted on to
- 16 drive draws up. You don't elect a partner to run your
- 17 firm if you're going to see a drop in your draws. You
- 18 want someone to draw it up and then that partner selects
- 19 the top ten to 20 people around him and that CEO is
- 20 setting their compensation.
- 21 And all that compensation is driven by
- 22 profitability within the firm, and it's because that's

- 1 what the partners want. And that's just the way people
- 2 behave. But until you bring some transparency to that
- 3 process and the implications it has for quality, you
- 4 aren't going to change the behavior.
- 5 And this is one place where regulation and
- 6 transparency, probably more transparency than anything,
- 7 is going to be important. And I think that also relates
- 8 to the INEs.
- People who have been around the profession know
- 10 that in the late '70s there were hearings on the
- 11 profession and the notion of independent boards was put
- 12 forward, and Arthur Andersen and maybe one other firm at
- 13 the time went out and started creating an independent
- 14 board. After a number of years it went away though
- 15 because it wasn't regulated.
- 16 So if you don't do any regulation you shouldn't
- 17 expect them to stick. It didn't stick the last time and
- 18 it won't stick this time either. But more importantly
- 19 it becomes a question just is like with public company
- 20 boards, how do you select the INEs?
- 21 And almost every time we've seen the firms pick
- 22 people in an INE or similar oversight role, they go out

- 1 and pick people that are very close to them, people that
- 2 they've paid significant fees to or money to, to do
- 3 research for them or other areas, and it's basically
- 4 putting a bunch of yes-people on your INE.
- 5 And as we've seen with corporate boards, when
- 6 CEOs do that, if that's the process that you've got, it's
- 7 a wasted process. In fact, it's a terrible process
- 8 because people expect something and it's very misleading
- 9 as to what they're actually going to get. So that's my
- 10 thoughts.
- 11 MEMBER SILVERS: We've spent a lot of time on
- 12 what a commodity is, but I think it's worth probably a
- 13 moment more. I think typically when we talk about
- 14 commodities we talk about simple things that can't be
- 15 differentiated.
- And as it's been pointed out, smart business
- 17 people try to turn commodities into something that's not
- 18 a commodity, and you can get margin out of that. The
- 19 most commodity-like commodities are literally, you know,
- 20 in a raw iron, right.
- On the other hand it's been like wheat. We've
- 22 seen people be able to turn into not a commodity. That's

- 1 what Monsanto's been busy doing for the last 20 years.
- 2 A lot of people are mad at them for doing that.
- 3 The audit is a strange thing it seems to me, and
- 4 it has to do with the fact that the customer's not the
- 5 customer. And so different supposed customers have
- 6 different relationships to the audit, some of which are
- 7 commodity-like and some of which aren't. All right.
- The management, I think, fundamentally in a sense
- 9 sees it as a commodity. It's a letter, and the letter
- 10 says the same things to all companies. And we've had a
- 11 discussion about that and whether we want that to change
- 12 extensively, and in an effort to kind of force the
- 13 customer to accept something other than a commodity.
- And so there's a powerful force in this that to
- 15 the extent the management is the actual buyer of audit
- 16 services, to the extent that the audit committee does not
- 17 do its job as Lynn was suggesting, then there's a natural
- 18 inclination for the whole process to become commoditized.
- But obviously what the audit is supposed to be is
- 20 not a commodity. It is supposed to be an extremely
- 21 complex and skill-dependent service, you know, comparable
- 22 in certain ways, for example, to the practice of medicine

- 1 or engineering or, some of us in the legal profession
- 2 would hope, the law. It's supposed to be that.
- 3 And investors and the general public, and I think
- 4 it's really important, I think, to talk in the aftermath
- 5 of the crisis that produced the PCAOB and the financial
- 6 crisis that we're still sort of in the midst of in
- 7 certain respects, it's important to recognize that the
- 8 public is a customer here in addition to investors.
- 9 Investors and the public expect the audit to be
- 10 not a commodity, to be this complex judgment-driven and
- 11 integrity-filled process. And yet of course the
- 12 investors, the public is not the customer, now the audit
- 13 committee is supposed to be the customer.
- 14 And I tend to believe that in the aftermath of
- 15 Sarbanes-Oxley that despite what Lynn said that in many
- 16 cases there are audit committees that are trying hard.
- 17 They're trying hard to be a real customer. But this is
- 18 contested terrain, all right.
- 19 And the reality, at least in my very limited
- 20 experience of what the audit process looks like from the
- 21 inside is, is that, you know, you're trying to get to
- 22 yes. The management of the company and the audit

- 1 committee is trying to get to yes, is trying to get that 2 letter.
- 3 And thus there's kind of -- if there's a tension
- 4 between commodity and non-commodity, there's actually a
- 5 more fundamental goal-related tension there as well,
- 6 which is that the investors and the public kind of want
- 7 the truth, and typically insiders, Board, management, I
- 8 think, in almost all cases, and audit committees.
- 9 And I don't mean by saying this to suggest that
- 10 this is unethical or represents unethical conduct. I
- 11 think it represents organizational reality. People are
- 12 trying to get a job done. They're trying to get to yes
- 13 so the business can function.
- And so when they look, to the extent that they're
- 15 not looking for a commodity, to the extent that they're
- 16 not looking for just a stamp, they're looking for an
- 17 audit firm that will be a partner, this is why audit
- 18 firms market themselves as partners, that will be a
- 19 sophisticated, knowing, understanding partner.
- That's really different in many respects from
- 21 what investors and the public are looking for. Now what
- 22 does that suggest about the PCAOB's role? Oh, let me say

1 just one more thing about commodification.

We don't have data here in this presentation

3 about margins and, you know, at the time that the PCAOB

4 was set up there was a view around the enactment of

5 Sarbanes-Oxley that the audit was being used and managed

6 entirely as a kind of, I mean according to this study

7 Lynn cited it wasn't a loss leader, but there was kind

8 of a feeling it was being used like a loss leader to

9 leverage consulting business.

10 And the data here just on revenues is worrisome

11 in that respect, because even to the extent that the

12 advising and consulting is not advising and consulting

13 directly to audit clients, the tax business looms very

14 large and you start to wonder looking at this about what

15 is really going on inside the economics of the firms, and

16 we don't know. The revenue really just is, it doesn't

17 really tell you the real story.

18 So what's the role of the PCAOB in this? I think

19 the answer to that really shows the way in which the work

20 of this committee and today's agenda is an integrated

21 whole. Because I think there are two issues that the

22 PCAOB needs to focus on in relation to this problem.

And just to restate, the problem here really comes from this kind of, the fact that the people doing the buying of this service are not exactly the people who are looking to benefit from it. And that problem is a problem beyond the PCAOB's ability to fix in terms of

5 problem beyond the PCAOB's ability to fix in terms of 6 authority.

So what can the PCAOB do? I think there are two 8 things. The first is really what this presentation is 9 about, which is the question of internal governance. And 10 the PCAOB is in a position to understand within the major 11 audit firms what are the internal systems of rewards? 12 Because what I just described, right, that there is a 13 dynamic that sees the audit as literally, you know, a 14 stamp.

There's a dynamic that sees the audit as a 16 problem solving function where the problem is, how do I 17 get the stamp? And then there's the audit as a real sort 18 of system of professional accountability. What are audit 19 firms rewarding their employees and their partners for?

And this is something that clients, I think, have 21 no ability to discover on their own, and it's a little 22 unclear how much of it can be made public in any regime.

- 1 But the PCAOB, I believe, has line of sight into that and 2 needs to police that.
- 3 And then the second issue, which is really the
- 4 audit quality indicator issue which we're about to come
- 5 to later today, is how can you get enough data into the
- 6 hands of the people who are actually the beneficiaries
- 7 of the audit, the investors and the public, to be able
- 8 to kind of deal with, so they can act as effective
- 9 instruments of accountability in relationship both to
- 10 kind of helping and encouraging audit committees to do
- 11 their jobs, and in terms of being able to directly,
- 12 particularly across clients, speak to audit firms
- 13 themselves?
- 14 Do you want to call time?
- 15 CHAIRMAN HARRIS: Grant, let me use my authority
- 16 as the chair here, and with all due respect to Mercer and
- 17 Anne, we're behind the schedule now. And what I'd like
- 18 to do is get back on the schedule with the understanding
- 19 that during the general discussion period you'll be
- 20 recognized and I think we will also forfeit the breaks.
- 21 People who want to get up and down during the discussion
- 22 period should feel free to do so, I think, with your

1 forbearance, Anne.

- And Grant, I want to thank you very much. You've
- 3 taken on a very tough subject matter and, you know,
- 4 together with Brandon and Curt and Joe and Larry, I think
- 5 you've given us an awful lot to think about and to
- 6 contemplate, and I want to thank you very much on behalf
- 7 of the PCAOB.
- 8 So Anne, our final working group topic for today
- 9 concerns auditor interaction with audit committees. And
- 10 audit committees clearly play an important role in
- 11 protecting the interest of investors by assisting the
- 12 boards of directors in fulfilling its responsibility to
- 13 oversee the integrity of a company's accounting and
- 14 financial reporting processes and audits. And to
- 15 accomplish this objective the audit committee must hear
- 16 from the auditor about the audit and the issues
- 17 identified during the audit.
- 18 The PCAOB recognized the importance of the
- 19 interaction between the auditor and audit committees when
- 20 it adopted AS 16, Communications with Audit Committees,
- 21 last year, and Board members Hanson and Franzel have been
- 22 particularly active in this area and the topic remains

- 1 an ongoing priority and focus of the Board, and it is
- 2 also a subject of considerable interest at the
- 3 International Forum of Independent Audit Regulators which
- 4 Board Chairman Ferguson chairs.
- 5 And so with that Ann, I turn it over to you.
- 6 MEMBER YERGER: Just really quickly, it seems
- 7 appropriate that we would start this morning with the
- 8 audit quality indicators conversation and end our formal
- 9 remarks discussing audit committees, because ultimately
- 10 right now, given the relative dearth of information about
- 11 audit quality that's available to the public, it's the
- 12 audit committee that's our line of defense when it comes
- 13 to a high quality audit.
- 14 Certainly audit committees have changed
- 15 profoundly since the 1970s, which is when I think the
- 16 stock exchanges first mandated that companies have audit
- 17 committees, and the Sarbanes-Oxley Act greatly expanded
- 18 the requirements for audit committees regarding
- 19 composition and duties, and I think it's fair to say the
- 20 investor expectations of audit committees are very high.
- 21 So as I said earlier, we really wrestled with how
- 22 can we enhance the audit committees' performance? And

- 1 I hope Brian comes back because we took the liberty of
- 2 expanding a little bit beyond just the PCAOB's authority
- 3 to touch on issues that are also more directly relevant
- 4 to the SEC.
- 5 Initially we were going to split up our time and
- 6 have folks comment afterwards, but I'm thinking we should
- 7 just go through as quickly as possible, our slides, and
- 8 then open it up for comments.
- 9 So with that I'm going to pass first to Pete and
- 10 Bob who tackled the issue of the audit committee
- 11 composition, particularly that of the financial expert.
- 12 MEMBER TAROLA: Thanks Ann. I'll lead it off and
- 13 then Pete can chime in. This is the definition of an
- 14 audit committee financial expert. And I'm not going to
- 15 read it to you but I'm going to start pointing out the
- 16 capitalized ORs.
- 17 So an audit committee financial expert is to have
- 18 an understanding of financial statements and GAAP, is to
- 19 have an ability to assess its application, and is to have
- 20 experience with these matters.
- 21 Preparing, auditing, analyzing, and to get that
- 22 experience directly, or, and here's where the first "or"

- 1 comes in, or by supervising someone who does it directly.
- 2 Also has to have an understanding of internal controls
- 3 and of audit committee functions.
- Ann, are you controlling this? Okay, next one.
- 5 And here's what's interesting from our point of view in
- 6 terms of the background of a person that's supposed to
- 7 do all that.
- 8 That person should have experience as a CFO or as
- 9 a principal accounting officer or as a controller or as
- 10 a public accountant or as an auditor or similar
- 11 functions, or in supervising people that do those
- 12 functions or experience overseeing or assessing the
- 13 performance of companies or public accountants or
- 14 auditors or evaluating financial statements. And lastly,
- 15 or other relevant experience.
- 16 So the point we're bringing up here is, if you're
- 17 counting on the audit committee financial expert to know
- 18 auditing or auditors or even GAAP, it's pretty nebulous
- 19 as to whether or not this definition would get you
- 20 someone like that in all cases.
- 21 MEMBER NACHTWEY: This is Pete Nachtwey. I'll
- 22 just add one little anecdote because I shared this with

- 1 the rest of my subcommittee members, which something my
- 2 brother always says when he's confronted with can he have
- 3 ice cream or hot fudge. He says he doesn't want to be
- 4 subjected to the tyranny of "or," he'd like to explore
- 5 the power of "and."
- And so I think the point Bob and I were trying to
- 7 get across here a little bit is, you know, don't have to
- 8 have all of these qualities, but you probably need to
- 9 have more than one in each of the categories, and
- 10 specifically when it comes to a committee on a large
- 11 complex company where the audit, not only the external
- 12 auditors but the internal auditors are reporting to the
- 13 committee, to not have somebody who has got direct audit
- 14 experience is probably a challenge.
- 15 It's in a GAAP, It's certainly one that I know
- 16 our Board looks at when nominating governances is looking
- 17 at financial experts for our audit committee and making
- 18 sure somebody does have direct audit experience.
- 19 MEMBER YERGER: So Brian, since you're back we'll
- 20 sort of note to you. It's been ten years almost since
- 21 that standard has been formalized, and I think we look
- 22 forward to the feedback from the group. But I think the

- 1 question is, is the definition right for today and at
- 2 this time? Do we get the right fix, staffing and sitting
- 3 on the audit committees?
- 4 Okay, next issue really quickly is auditor
- 5 communications with audit committees. Now this is really
- 6 the only topic we tackled that is particularly germane
- 7 to the Board here, and there have been standards for
- 8 auditors to communicate to the audit committee for many,
- 9 many years.
- 10 In March of 2010 the Board proposed a new
- 11 standard for these communications. After a public
- 12 comment period it reproposed a proposal, a standard, and
- 13 the Board adopted the new standard last August.
- 14 AS 16 largely restated what was in place before.
- 15 It's in effect now and the goal is to promote effective
- 16 two-way communications between audit committees and the
- 17 auditor. I'll make a side note that I think a really
- 18 important supplement to sort of the rules, and I'm not
- 19 a lawyer, I think, has been your outreach to audit
- 20 committees, your quidance to audit committees.
- 21 Many of them as we noted from the prior slides
- 22 are not experts either, and the more quidance you can

- 1 give them in terms of how they can do their job better,
- 2 I think, is a very good thing. So I commend you for that
- 3 work and I encourage you to strongly continue that.
- In the interest of time I'm not going to go
- 5 through all the elements of AS 16. I'm just going to
- 6 note that, and you can read these. I'll flip through the
- 7 two slides and they're in your binder as well. They
- 8 center on a few areas.
- 9 First is the company's engagement of the audit
- 10 firm. Second, the inquiry of the audit committee about
- 11 matters relevant to the audit. Next, more about the
- 12 audit strategy and approach including accounting
- 13 policies, practices and estimates, significant and
- 14 unusual transactions, and the audit firm's evaluation of
- 15 the company's financial performance and other key
- 16 findings.
- 17 Our questions here is can these disclosures be
- 18 enhanced? I think my practical side is a new standard
- 19 has just been adopted. I think it's ridiculous to
- 20 suspect that the Board would want to reopen this a year
- 21 later.
- But I will note that in approving AS 16, at the

- 1 same time the Board released guidance regarding auditor
- 2 communications to audit committees particularly regarding
- 3 the inspection results.
- 4 And I think an area maybe worth exploring is
- 5 whether additional guidance could be issued by the Board
- 6 in conjunction with some of these areas that aren't maybe
- 7 captured here, but that as we discuss, investors might
- 8 find of value, or you think would add value to the audit
- 9 committee.
- 10 And with that let me pass to final --
- 11 CHAIRMAN HARRIS: And first of all, I want to
- 12 introduce, I think all of you know Marty Baumann who
- 13 heads up our Standards Division and I want to have him
- 14 have the opportunity to interject as he sees fit. So
- 15 Marty, if you want to make any comments about what's been
- 16 expressed so far, please go ahead.
- 17 MR. BAUMANN: Yes, thank you very much. And I
- 18 think AS 16 did a lot in terms of improving the
- 19 communications and in very important ways.
- 20 But to your point, AS 16 lists also other places
- 21 in the standards where there are required communications
- 22 outside of what's in AS 16 itself, and as we continue to

- 1 look at other auditing standards, for instance, the
- 2 related parties standard, auditing related party
- 3 transactions, which have been serious indicators of
- 4 fraudulent transactions over the years, in that proposed
- 5 standard and in the reproposal we've indicated that there
- 6 are requirements to communicate with audit committees
- 7 about related party transactions and the auditor's
- 8 assessment of those.
- 9 So as we're looking at new standards, and the
- 10 related parties is a perfect example, we will continue
- 11 to improve upon auditor communications with audit
- 12 committees.
- 13 MEMBER YERGER: Great to know. We'll close our
- 14 formal presentation with more to you, Brian, and this is
- 15 going to be about audit committee communications to the
- 16 public and investors.
- 17 MEMBER BULLARD: I took a kind of opening look at
- 18 the issue of audit committee disclosure, and what I'm
- 19 going to do is just talk a little bit about some of
- 20 things that are currently disclosed and then how to think
- 21 about this issue. What is the current state of voluntary
- 22 disclosure in various shareholder proposals, and then

1 talk a little bit about location issues.

- This is not an exhaustive list, but it's the, I
- 3 think, the main focus of audit committee disclosures.
- 4 And it's not so much for reading other than what strikes
- 5 me about this is, as I described before, there are things
- 6 that could be considered to be the conditions of a good
- 7 audit and then there are things that are really the meat
- 8 of the audit which would be significant issues, problems
- 9 raised, how they were resolved, how the committee dealt
- 10 with those issues.
- And that generally is not a topic for audit
- 12 committee disclosure, although if I were an investor
- 13 those would be things I'd want to know the most about.
- 14 Again, because these are always somewhat attenuated
- 15 relationships between audit quality, whereas problems
- 16 that are actually exposed and discovered by the auditor,
- 17 raised, rectified, discussed with the committee and then
- 18 disclosed to investors would seem to be the most
- 19 important driver of how you are to evaluate your auditor.
- The next question is, you know, how would we
- 21 approach the question of requiring an audit committee to
- 22 do anything since the Board is the Board and clearly has

- 1 limited jurisdictional means?
- 2 And if the question is the one on the left, one
- 3 could argue that this isn't really a Board issue at all
- 4 in that it is not in the business of requiring audit
- 5 committees to do anything. If on the other hand the
- 6 question is, what is it the Board believes that
- 7 shareholders should have in terms of information, I think
- 8 you could reasonably take the position that if they need
- 9 information you could only have the authority to require
- 10 an auditor to disclose things and disclose them publicly.
- One of the things that's a pending proposal is to
- 12 require auditors to disclose their tenure publicly, and
- 13 that is obviously something you could also require an
- 14 audit committee to do indirectly by saying to the
- 15 auditor, well, you can disclose this list of things
- 16 publicly yourself, but you don't have to if the auditor
- 17 committee does so and discusses its treatment of those
- 18 issues in meetings with the auditor.
- 19 I know I'm sounding a little bit like a tricky
- 20 lawyer, but I think that is done and I wouldn't hesitate
- 21 to take that approach. But it might seem a little
- 22 aggressive. So that's sort of one way to think about the

- 1 issue in terms of what the Board could actually do.
- 2 Another issue was what's happening currently in
- 3 the marketplace, and what you see here are some Ernst &
- 4 Young collected examples of common disclosure. They
- 5 looked at 89 of the Fortune 100 companies and these were
- 6 the top voluntary audit committee disclosures often in
- 7 response to shareholder proposals.
- These numbers have gone up in 2013, and obviously
- 9 some of them are expansions of required disclosure and
- 10 they supplement, essentially, a mandatory disclosure such
- 11 as non-audit services, but they're kind of an
- 12 illustrative sense of what's happening without any
- 13 intervention by a regulator.
- Next, I thought it was interesting to look at the
- 15 shareholder proposal issue because this is an example of
- 16 the Brotherhood of Carpenters' proposal to, I think it
- 17 might have been Dell that the SEC as it has done with
- 18 virtually all of the audit committee disclosure
- 19 shareholder proposals found to be a matter of ordinary
- 20 business operations, which as a legal matter is a legal
- 21 basis for a company to exclude it from the proxy.
- Interestingly, the SEC has also taken the

- 1 position that if there is a significant social or
- 2 economic or other policy basis for including something
- 3 even though it is relating to ordinary business
- 4 operations that can be basis for requiring the company
- 5 to include it.
- 6 Now if I were thinking as a lawyer that's the
- 7 tack I would take. I look at a couple of letters by
- 8 submitters, they haven't really argued that point. But
- 9 it is interesting that, you know, we have a lot of public
- 10 policy that is requiring the disclosure by these
- 11 committees of information, which clearly suggests to me
- 12 there's a strong public policy issue here.
- And in fact, you've got an example of the PCAOB
- 14 is considering requiring the disclosure of audit tenure,
- 15 clearly a public policy matter that rises to the level
- 16 of being required by a regulator.
- 17 It seems odd to me it's not a significant enough
- 18 social policy that a shareholder should not be able to
- 19 put it on the proxy and simply make a request to the
- 20 Board to disclose this information.
- I don't know whether that's something that the
- 22 Board would be interested in commenting on, but it seems

- 1 there's certainly some socially significant policies
- 2 within these lists, and you could argue that either the
- 3 Board is taking on ordinary business operations in its
- 4 rulemaking or the SEC has got it wrong as to what is an
- 5 ordinary business operation.
- And then the last slide, this is more sort of
- 7 concrete, less fact-free as Curtis might say. This is
- 8 really attributable to the Ernst & Young report. It made
- 9 the very good point that a lot of these required
- 10 communications are voluntary, are appearing all over the
- 11 place.
- 12 This is a chart that shows five examples of
- 13 voluntary audit committee disclosure, and you can see not
- 14 only are they appearing in different places, there really
- 15 is no rhyme or reason to where they decided to put
- 16 certain disclosure.
- 17 So it certainly might be a useful initiative to
- 18 at least give some guidance or impose some requirements,
- 19 so that if you wanted to find the information that's
- 20 worth disclosing it would all be in the same place.
- 21 And then the final slide is another example of
- 22 the same issue. Where do you find things that are

- 1 required to be disclosed? You're required to provide a
- 2 link in the proxy statement to the audit committee
- 3 charter.
- As you can see it's about a 50/50 split between
- 5 whether that is specifically in the audit committee
- 6 report or somewhere else in the proxy statement. So you
- 7 have to look for it one or the other place, in the first
- 8 place.
- 9 And then second, the link is to three different
- 10 places when you finally click on it, and in a couple of
- 11 those cases it's not to the actual charter itself. So
- 12 I don't think, that's a politically challenging position
- 13 to take to think that maybe we should look at if
- 14 information is going to be disclosed it would be most
- 15 useful if it were one place and it took you to the actual
- 16 document that you're supposed to be able to receive.
- I think that was fast enough, and that's all I've
- 18 got.
- 19 MEMBER YERGER: That's it. We tried to keep it
- 20 quick. It's the end of the day, and now honestly we'd
- 21 just love to get your input on some of the issues we
- 22 raised, your feedback. As I said at the beginning, we

- 1 had more information and questions for you than actual
- 2 firm recommendations.
- MEMBER HANSON: Just a question for those here,
- 4 and thank you for the presentation, Ann. It was really
- 5 good and insightful and consistent with a lot of things
- 6 I've been hearing from some of the audit committee
- 7 members I've been talking to in the discussions in other
- 8 venues.
- 9 So those of you that sit on audit committees,
- 10 what stops you today from doing more or all of these
- 11 voluntary disclosures and more?
- 12 MEMBER TAROLA: Actually, nothing really. It's
- 13 often kind of balancing the legal requirement against the
- 14 objective of perhaps full disclosure. And I think with
- 15 those two choices many companies would stay with the
- 16 legal requirement.
- 17 CHAIRMAN HARRIS: Well, Brian and then Anne.
- 18 MR. CROTEAU: Thanks Steven, and thanks, Ann,
- 19 very much for the presentation. I want to just make a
- 20 couple of remarks along the same lines as Marty did,
- 21 notwithstanding the AS 16 was recently finalized.
- They're still very interested in feedback and

- 1 still plan to think about the disclosures auditors make
- 2 in communications, auditors make to audit committees.
- 3 I think it's important to highlight from an SEC staff
- 4 perspective, it's an area that we continue to be focused
- 5 on.
- 6 The staff in my group have continued to spend
- 7 time doing a lot of what you're doing, thinking about
- 8 what is the range of what we see in audit committee
- 9 reports and monitor what's going on around the world.
- 10 In fact, it seems daily lately there seems to be
- 11 activity around the world that is very much focused in
- 12 the same regard. I think, yesterday, the U.K.
- 13 Competition Authority report contained an interesting
- 14 outcome which is the shareholder vote on the
- 15 acceptability of the audit committee report.
- 16 I'm not sure what the implications of that vote
- 17 are or how that actually will be implemented, but just
- 18 to make an illustrative point that we're monitoring these
- 19 things around the world, considering them and considering
- 20 the range of the audit committee reporting that we see
- 21 today.
- 22 And so we really very much appreciate the

- 1 feedback in this area and ideas and suggestions. And so
- 2 just want to encourage the continued thinking and
- 3 suggestions in this space like Marty has done from an
- 4 auditing standards perspective.
- 5 CHAIRMAN HARRIS: Anne Simpson?
- 6 MEMBER SIMPSON: Thank you. I am about to sound
- 7 like a broken record all over again. I think the reason
- 8 that the voluntary disclosures aren't made is because
- 9 investors aren't asking for it, and unfortunately if
- 10 there is a proposal we have this bizarre situation where
- 11 the auditors are working for the shareholders but the
- 12 shareholders are not enabled to put forward a proposal
- 13 asking for something different if that's what they need.
- So I do think that's a problem that really needs
- 15 to be addressed. There's another consequence of it being
- 16 considered routine business and that for not for
- 17 shareholders to bother their heads with is the fact that
- 18 broker votes can be loaded into the bucket of "yes" when
- 19 auditors are voted.
- 20 So by calling this routine a couple of things
- 21 happen. One, we can't put proposals in, and I think
- 22 that's a real problem. And secondly, broker votes get

1 cast with the management's recommendation.

- 2 So I promised I would ask at the office back at
- 3 home what happened this season, so in the Russell 3000
- 4 my team can only find one auditor that didn't get a
- 5 majority of their vote that was imperial. And because
- 6 this is a decision to ratify an earlier decision by the
- 7 management, it's not clear what that vote would do
- 8 anyway.
- 9 So again, so my refrain, my song is get the
- 10 shareholders for whom this work is ultimately being done,
- 11 we're the prime user of financial statements. We need
- 12 audit to work effectively. Put us in a position to do
- 13 our job and I'm sure much else will follow.
- But right now we're really in an awkward position
- 15 where we can't really see what's going on and we can't
- 16 hold auditors accountable and we can't file proposals,
- 17 and then broker votes get thrown in and can tip the
- 18 balance even when there needs to be change.
- 19 CHAIRMAN HARRIS: Barbara Roper and then Mercer.
- 20 MEMBER ROPER: It struck me when we were looking
- 21 at this, the sort of like huge disconnect between what
- 22 we say auditors have to communicate to the audit

1 committee and the qualifications of audit committee

2 members to assess the information that they are required

3 to get.

And so yes, I recognize that it's not the Board's

5 responsibility, but since Brian's here I'll bend his ear

6 on this again, is that that to me is looking again at

7 that financial expert requirement, it seems to me to be

8 crucial.

9 When they were drafting Sarbanes-Oxley and they

10 decided to make the decision to rely on the audit

11 committees to perform this crucial function that's really

12 essential to maintaining the independence and ensuring

13 that the audit is conducted for the shareholders, struck

14 me at the time as a slender reed on which to build our

15 reform process.

16 Because the first responses of audit committees

17 in the wake of Enron was to send around, start adding,

18 like, language to their audit committee reports about how

19 they don't review any of this stuff and they're relying

20 totally on management and, you know, it's not our

21 responsibility and we don't have the expertise. I mean

22 there was this little standard language that some law

- 1 firm was shipping around.
- 2 And if the sort of existing body of committees
- 3 was, you know, their response was to disavow
- 4 responsibility, it's going to take a huge cultural shift
- 5 to change that. And I know we've seen some cultural
- 6 shift but I'm not sure it's quite that huge.
- 7 And then, you know, it requires really remarkable
- 8 expertise to perform that function effectively and I
- 9 don't think we got there. That definition got watered
- 10 down when the rules were being written.
- 11 So I think that definitely needs to be revisited.
- 12 And that that, you know, I'm not altogether convinced
- 13 that this works anyway as long as, I mean it's the other
- 14 big unfinished business of SOX is that we didn't really
- 15 reform corporate boards, and the way corporate boards,
- 16 corporate directors are selected to ensure that they're
- 17 more answerable to shareholders.
- And so until you break that kind of logjam and
- 19 get boards that actually represent shareholders instead
- 20 of being sort of self select, you know, by management to
- 21 not make waves, I don't know how this process works.
- 22 CHAIRMAN HARRIS: Mercer, we're looking forward

- 1 to you bringing us right back to what's in our
- 2 jurisdiction. So between Mercer and Joe and then --
- 3 MEMBER SIMPSON: I think aimed at me, and I think
- 4 --
- 5 CHAIRMAN HARRIS: No, no.
- 6 MEMBER SIMPSON: -- what you could -- no, no.
- 7 That's okay.
- 8 CHAIRMAN HARRIS: Listen, what we're doing is
- 9 we're beginning to expedite the process so --
- 10 MEMBER SIMPSON: Understood.
- 11 CHAIRMAN HARRIS: -- people can take the needed
- 12 break that they want.
- 13 MEMBER SIMPSON: Let the record -- understood.
- 14 CHAIRMAN HARRIS: We want to keep within the
- 15 context of what we're doing and then we want to open it
- 16 up, since I promised everybody, you know, at the end.
- 17 I didn't say there would be a free-for-all in terms of
- 18 the general discussion.
- 19 You all put a couple of things down on the list.
- 20 I will tell you what's on the list and then we can go
- 21 through that. But in any event, take it away, and then
- 22 we'll go around the table, finish this one off, take a

- 1 ten-minute break and then go to the general discussion.
- 2 MEMBER SIMPSON: Okay. So my point here, the
- 3 self-help for the PCAOB, what can you do that's within
- 4 your remit. But you are a creature of the SEC and what
- 5 you can't do, which is necessary for you to fulfill your
- 6 mission, we would ask that the recommendation be that the
- 7 PCAOB recommends to its continental --
- 8 DIRECTOR DOTY: We avoid the metaphor of
- 9 "creature," Anne.
- 10 CHAIRMAN HARRIS: Mercer?
- 11 MEMBER BULLARD: Thank you. Thank you for the
- 12 chance to comment on my comments. This keeps coming back
- 13 to, I think, Lew's point that audit committees I expect
- 14 to be rational actors and act in their best interest.
- And I think the answer to, you know, why they
- 16 wouldn't include these is, if I put on my lawyer hat I'm
- 17 going to tell them to take as little risk as possible,
- 18 stick to the law and nothing more, and if they do more
- 19 than that I'm going to go, if I'm a good lawyer, find
- 20 what the lawyers are writing in response to this and use
- 21 exactly the same boilerplate language. That's what the
- 22 smart lawyers do and they're the ones you would want to

1 go to first in complying with this. That's

- 2 commoditization in the legal world.
- If you want to change what audit committees are
- 4 doing especially in response to marketing that clearly
- 5 shows that what they're looking for is signaling that the
- 6 auditor will be flexible is you have to give them an
- 7 overriding incentive to create some other result. Now
- 8 whatever you want that to be then you have the incentive
- 9 fit the result.
- 10 So if what you want is an auditor that is going
- 11 to aggressively dig out problems in the accounting, then
- 12 you have the audit committee require to disclose the five
- 13 biggest problems that the auditor found. Not to disclose
- 14 significant problems if they exist because that creates
- 15 an incentive for there to be no significant problems, and
- 16 again hire the auditor that won't find them.
- 17 You require that they list five things, and the
- 18 auditor is going to have to come up with five things.
- 19 Now that creates perverse behavioral incentives. Maybe
- 20 the auditor will make up five things just to fill the
- 21 five slots. But at least you've got something out there
- 22 and they may be trivial, but that is how you really cut

- 1 to the jugular of the issue of how to manage market 2 conflicts.
- But I mean, Jay, my response is you'd be crazy to
- 4 jump on these voluntary proposals, putting on, you know,
- 5 counsel to the audit committee hat, because you are
- 6 asking for nothing but risk. And I think the risk
- 7 minimization is going to drive most of these decisions.
- 8 So if the audit committee has to list five
- 9 things, now the risk is my auditor's going to find me
- 10 five things and if the sixth thing is the one the SEC
- 11 busts me on and I didn't have it in my top five, I'm in
- 12 trouble.
- So if you really want to create a market that's
- 14 going to work you have to be hard-hitting in that way and
- 15 completely change their incentives. Because I don't
- 16 expect them to follow the spirit of the law. I expect
- 17 them to follow what their lawyers say is going to be the
- 18 safest way to proceed.
- 19 CHAIRMAN HARRIS: Norman?
- 20 MEMBER HARRISON: Thank you Steve. Thank you Dan
- 21 and the working group. Great presentation, a lot of
- 22 issues in here. I'll be brief. It's just a point again

- 1 on an issue I've raised earlier pertaining to disclosures
- 2 around the independent's review process.
- 3 I'd strongly second the observation Damon made
- 4 during the last presentation about the slide from the
- 5 prior group that showed the allocation of fees among
- 6 practice or service line in the earlier presentation.
- 7 You know, the tax numbers are not insignificant,
- 8 and my sense has been for some time in an era of
- 9 increasing pressure on firms or companies, on firms from
- 10 their clients with respect to audit fees that, you know,
- 11 some trade-offs have occurred pertaining to tax services,
- 12 whether it's the tax provision or return preparation or
- 13 other areas where's there's some recapture of fees that
- 14 are given on the audit side.
- 15 You know, when I think of Sarbanes-Oxley, if I
- 16 describe it or distill it to one word, the word is
- 17 "independence," right? I mean that is what the statute
- 18 is all about. That's why you all are seated at the head
- 19 of the table. That's why we're all here.
- 20 And it seems to me that in this one area where
- 21 the rubber meets the road, where there are required
- 22 circumstances in which an auditor has to come forth and

1 seek permission to provide non-audit services to an

2 issuer, we as investors have very little transparency or

3 visibility into what actually happens.

4 And to your question about, I mean the mandatory

5 disclosures now are with respect to the policies and

6 procedures for approval of non-audit services, I would

7 be a strong advocate of an additional requirement that

8 the actual results of those reviews be disclosed every

9 year in some manner to describe the number, the nature

10 of the services, the rationale for the approval or the

11 disapproval so that they become mandatory and consistent

12 rather than voluntary. And it ties in earlier to the

13 discussion about that the quality indicators where we

14 would urge you to gather that information at the firm

15 level.

16 DIRECTOR DOTY: Proxy statement or auditor report

17 or someplace else altogether? Where would you want it?

18 MEMBER HARRISON: I don't know that I have a

19 strong view. I would think the proxy statement would be

20 a good place because it goes to the question of the

21 candidate's independence and the number of times that an

22 issue has arisen regarding non-audit services or required

- 1 a consultation to occur, I would think.
- 2 CHAIRMAN HARRIS: Joe, you've got the last word
- 3 on this subject.
- 4 MEMBER CARCELLO: Thanks Steve. I debated
- 5 whether to say anything or not because I doubt you'll do
- 6 this. But I do think it's primarily an SEC issue. But
- 7 you said, you know, you want us to give recommendations
- 8 on things that the PCAOB can control who says we think
- 9 about these things.
- 10 And we're talking about the audit committee,
- 11 we're talking about the expertise. And Barbara is right.
- 12 If you go back and you look at the original SEC rule
- 13 proposal on 407, it was much more consistent with what
- 14 I think people would think is a true expert, and then the
- 15 business community screamed very loud and very long, and
- 16 the SEC changed it dramatically.
- But we were talking about expertise. We're
- 18 talking about, we didn't really talk about independence,
- 19 but there's an increasing body of literature that says
- 20 economic ties have been banned. But if I'm a CEO and I'm
- 21 a bad dude I just put social ties on there. And there's
- 22 a very, very burgeoning body of literature around that.

- 1 And, in fact, some previous SEC commissioners
- 2 have been quoted as saying rather than the board picking
- 3 top management, top management picks the board, and
- 4 there's a lot of evidence to that.
- 5 And so there's issues around independence.
- 6 There's issues around expertise. There's again a
- 7 burgeoning body of literature on how board members are
- 8 selected, and when the CEO plays a heavy role in the
- 9 selection of board members the effectiveness of the audit
- 10 committee not only is reduced, goes away completely.
- 11 So how does that tie to the Board if the Board
- 12 wanted to pursue this? If you go back and you look at the
- 13 exposure draft, and I'm bringing up a bad word, we'll
- 14 give the Board here shivers, of AS 2, there was a
- 15 rigorous discussion of things like expertise. There was
- 16 a rigorous discussion of the nominates governance
- 17 committee and how people got on the board in the first
- 18 place.
- And I've brought this up in the past when Doug
- 20 was still around on the SAG, and he said, you know, that
- 21 just got killed. That got killed by the business
- 22 community. It got killed by the SEC. Because there was

- 1 this perception that the PCAOB was encroaching on the
- 2 governance space and that's an SEC space.
- 3 So, you know, I understand the reality but these
- 4 are real challenges, these issues. And so if the PCAOB
- 5 can't deal with it the SEC needs to look at it.
- 6 CHAIRMAN HARRIS: Well, Ann, thank you very much.
- 7 It was a quick presentation, but having said that it was
- 8 an extremely thoughtful. And also you should know that
- 9 this issue of communications with audit committees is
- 10 coming up in the international forum as well, the Forum
- 11 of Independent Audit Regulators is bringing this topic
- 12 up in April at the plenary session.
- 13 It is not confined with respect to jurisdiction.
- 14 It's something that the GPPC which the leaders of the
- 15 profession will be working on with the Investor Advisory
- 16 Group. The issue that will come up will be what
- 17 investors want from audit committees, what audit
- 18 committees want from auditors and what auditors would
- 19 like from audit committees.
- 20 So this issue of audit committee communications
- 21 has traction internationally. So this slide deck will
- 22 be important and will be shared with respect to the GPPC

- 1 counterparts, which are the leaders of the profession,
- 2 and I think we'll have some traction with respect to
- 3 what's brought up at the IFIAR meeting in April, and that
- 4 has been recommended by the leaders of IFIAR, which is
- 5 Lew Ferguson is chairman, and the vice chairman, Janine
- 6 from The Netherlands.
- 7 So thank you very much for this presentation.
- 8 We'll take a 15-minute break, and want to be back
- 9 promptly at 3:45 for, I'm sure, will be an interesting
- 10 discussion on a number of issues. Thank you.
- 11 (Whereupon, the foregoing matter went off the
- 12 record at 3:33 p.m. and went back on the record at 3:50
- 13 p.m.)
- 14 CHAIRMAN HARRIS: In terms of this final general
- 15 discussion session, I emailed all the Investor Advisory
- 16 Group members, tasked them what topics they wanted us to
- 17 discuss. And they indicated the auditors reporting
- 18 model, audit transparency, the status of the PCAOB's work
- 19 on the ACAP recommendations which is, I think everybody
- 20 knows ACAP refers to the report of the Department of the
- 21 Treasury's 2008 Advisory Committee on the Auditing
- 22 Profession, the global agenda, which is something that

- 1 Anne Simpson raised, oversight of audit committees, and
- 2 the possibility, although I think there was enough
- 3 communication that we're probably not going to bring up
- 4 a fair value accounting.
- 5 Since the first two topics are under
- 6 consideration by the Board, we've made it clear that all
- 7 comments will be transcribed as have the comments of this
- 8 entire session. But those first two topics deal with the
- 9 auditors reporting model and audit transparency.
- 10 And I should say that I anticipate that this last
- 11 hour's discussion will be relatively free-flowing with
- 12 members discussing issues as they see fit. And hopefully
- 13 we'll have time before we break for everybody to bring
- 14 to our attention what is most on his or her mind.
- 15 So having said that whether or not we want to
- 16 start with audit transparency or the audit reporting
- 17 model, whoever wants to start with that subject matter
- 18 or either of those raise your tent card and we'll start,
- 19 Ann, with you first, and then we'll just recognize people
- 20 as they put up their tent cards. So Ann Yerger?
- 21 MEMBER YERGER: This is Ann Yerger, one of the
- 22 two Anns named here. Well, yes, let me make one comment

- 1 regarding just auditor report, and it sort of links on
- 2 to our prior conversation.
- I know we were talking a lot about audit
- 4 committee disclosures to investors, but I do want to
- 5 stress that certainly the council and personally I'm in
- 6 favor of an enhanced auditor report to the public.
- 7 I appreciate the benefits of sort of that
- 8 pass/fail model that's in place, but I think there's
- 9 terrific, important information that the auditors have
- 10 that I think should be disclosed to the public.
- 11 Second, let me comment on the issue of auditor
- 12 transparency. I think that there is no simpler or less
- 13 expensive reform that should and could be put in place
- 14 than requiring the disclosure of the name of the partner
- 15 on the engagement. I think nothing sharpens the mind
- 16 more than a signature.
- I know we all have to sign documents, public or
- 18 not, and I pay a lot of attention to that. I think it's
- 19 an incredibly important reform and I urge the Board to
- 20 move forward with that. Thank you.
- 21 CHAIRMAN HARRIS: Anne Simpson?
- MEMBER SIMPSON: Thank you. I'd like to fully

- 1 support what Ann Yerger has just said. I think the
- 2 question of transparency on the audit, it's hard to
- 3 understand who would object to this. Who would not be
- 4 willing to stand and be held accountable for their own
- 5 work?
- 6 I recall us having similar discussions around
- 7 boards of directors 20 years ago about knowing who the
- 8 board were, what their background was and so forth. It
- 9 seems to me just exactly as we were talking about, the
- 10 accountability to shareholders which is in real need of
- 11 being strengthened. That sense of personal
- 12 accountability is extremely important. So we fully
- 13 support this and we actually think it will sharpen the
- 14 discussion in an extremely useful way.
- On the auditors reporting model we'll be putting
- 16 in comments. I think, you know, you will remember, I
- 17 think it was the first meeting that I came to we looked
- 18 at the auditor report, was one of the issues in the
- 19 working group that I participated in.
- 20 And my party piece of the day was to illustrate
- 21 the problem we had as shareholders by reading you the
- 22 audit report from Bank of America before, during and

1 immediately after the crisis. And there was not one dot 2 or comma different.

- 3 So I think if we can't use the audit report to
- 4 communicate on critical issues, and many of them are
- 5 listed out in the consultation, then really this is
- 6 becoming an exercise in pushing paper around. So
- 7 accountability will be sharpened with transparency, and
- 8 quality will most definitely be improved with this new
- 9 scope to the audit.
- 10 DIRECTOR DOTY: With transparency there has been
- 11 an issue raised in the comment process over the original
- 12 proposal as to whether it was either useful or necessary
- 13 or appropriate to have the engagement partner disclosed
- 14 in the audit report, whether the same results could be
- 15 achieved by having a separate form, a Form 2 filing or
- 16 a special form that we would devise which would be filed
- 17 either annually or within a certain period of time
- 18 following the completion of the audit that would contain
- 19 this information.
- That raises also the question of whether you just
- 21 stick with the auditor's name, the engagement partner's
- 22 name, or whether you include more extensive information

- 1 about his or her qualifications and the audit team. Are
- 2 there any views you have on that?
- 3 MEMBER YERGER: I would strongly prefer that
- 4 there not be a second or another filing. You know, the
- 5 more you make folks hunt and peck for something, I think
- 6 the less valuable it is. I don't know why you would add,
- 7 you know, make something more complicated that really
- 8 doesn't have to be.
- 9 I don't object, frankly, to having additional
- 10 information disclosed regarding the background or
- 11 expertise of the individual. I think that can be helpful
- 12 as well. But I do think just having the name is a good
- 13 data point. I think it sharpens the mind and I think it
- 14 also can give the audit committee good information as
- 15 well to compare.
- 16 MEMBER SIMPSON: Yes, I agree with that. I mean
- 17 an auditor should be proud of the work they're doing.
- 18 And in the same way that we know more now about the
- 19 people who serve on the boards, it's entirely appropriate
- 20 to have that sort of information about the auditor and
- 21 the audit partner.
- 22 This is entirely complementary to the

- 1 improvements we'd like to see to the audit report itself.
- 2 So if transparency is the watchword, you know, we hope
- 3 the wind is in your sails. We certainly, as the users,
- 4 the prime users of this information, fully support what
- 5 the PCAOB's hoping to achieve.
- 6 MEMBER BUETTNER: And Steven, I would just say --
- 7 sorry, just to jump in on the back of that. I would say
- 8 that if you are going to disclose additional information,
- 9 the tenure, that particular engagement partner's tenure
- 10 is actually relevant and important information and should
- 11 be included.
- 12 CHAIRMAN HARRIS: Well, as I say, since this is
- 13 the equivalent of a comment period as well, you're being
- 14 transcribed, what are your views in terms of the
- 15 identification of the engagement partner and the
- 16 identification of other auditors involved in the
- 17 engagement?
- 18 MEMBER BUETTNER: I would agree. I think the
- 19 more information, frankly, the better, and I would think
- 20 that to put that on a separate form probably complicates
- 21 the issue as well. It should be relatively easy to find.
- 22 CHAIRMAN HARRIS: Norman?

1 MEMBER HARRISON: Very quickly on this question.

2 First of all, I violently agree with everything that was

3 just said on the other side of the room. But to take it

4 a step further, as some may recall I was on the working

5 group last year that dealt with the issues around the

6 audit report, and of course we raised this issue at that

7 time.

8 It's an important transparency issue, but it ties

9 in as well to other things we've talked about today

10 including this issue of whether there is or perhaps why

11 there isn't competition for audit services that's based

12 on quality.

I think that ownership and putting identities

14 with work product, I think, moves us a step in that

15 direction. And it may have some beneficial aspects for

16 compensation issues as well. So I just wanted to point

17 out, I think that it's an important issue for the reasons

18 that both Anns provided but that it ties into a number

19 of things we've talked about today.

20 CHAIRMAN HARRIS: It's extremely important that

21 we get the temperature of investors on this issue because

22 oftentimes the assertion is made that we only have

- 1 comment letters from the profession.
- I mean the profession's comment letters totally
- 3 outnumber the comment letters that come from investors
- 4 or representatives of investors or people who are
- 5 associated with investors. So, you know, to the extent
- 6 that you can flush out your arguments either pro or con
- 7 on these issues, it's important to get it on the record.
- 8 Mike?
- 9 MEMBER HEAD: Mike Head. And as far as the
- 10 additional auditors report, obviously I was on the
- 11 similar subcommittee last time and still feel an
- 12 auditor's discussion and analysis supplemental report
- 13 would be very valuable.
- And I guess based on what you just said I have no
- 15 problem with a supplemental filing. I would just then
- 16 require whoever the lead engagement partner is that is
- 17 on the supplemental filing has to sign and be shown on
- 18 the opinion in their name. I'd give them both instead
- 19 of one or the other.
- 20 CHAIRMAN HARRIS: Lynn?
- 21 MEMBER TURNER: The getting the auditor's name,
- 22 I think, would be very good. In fact, I'm shocked that

- 1 this thing's been debated for 40 years and finally it
- 2 looks like maybe someone will actually do something about
- 3 it.
- I agree, well, I mean put it this way, I don't
- 5 think it matters whether you have a separate ADNA or you
- 6 included in the filing the 10-k or whatever filing it is
- 7 itself, what I'm concerned about is the information and
- 8 getting the information that you need and I care less
- 9 about, you know, which page it's printed on.
- 10 With respect to information that would be useful
- 11 to and impact on someone voting on whether or not to
- 12 retain the auditor, I think that stuff clearly ought to
- 13 go into the proxy because that's when investors are most
- 14 likely to be looking at it and where they're most likely
- 15 to look at it when making that vote. So I think it
- 16 probably ought to go in there. I wouldn't do a separate
- 17 filing out beyond that.
- 18 As far as information like tenure and that as
- 19 long as it's factual, I think that is good. I asked our
- 20 CIO at Copara to survey all of her analysts and portfolio
- 21 managers, and one concern that they came back and
- 22 expressed was asking the auditor to provide information

- 1 that would be perhaps turned into spin or hype. They
- 2 were very concerned about that. They wanted it to be
- 3 factual information and information that the PCAOB or
- 4 someone at least periodically could test and see that it
- 5 was actually accurate. So at least in that group they
- 6 were very concerned about that at Copara.
- 7 So factual stuff like here's the tenure of the
- 8 auditor, here's the experience the audit partner has in
- 9 auditing that industry, that type of stuff is factual and
- 10 it would be very helpful.
- 11 CHAIRMAN HARRIS: Damon Silvers?
- 12 MEMBER SILVERS: Yes, I again want to speak to
- 13 this question of identifying the partner. Like Lynn, I
- 14 mean I've been on many bodies that have advised doing
- 15 this over a period of years and it just continues to
- 16 surprise me it's not done, particularly against the
- 17 context of, for example, the fact that individual
- 18 attorneys sign SEC filings.
- 19 The fact that in general we demand a great deal
- 20 of individual disclosure in disclosure systems generally.
- 21 This is true with respect to boards of directors, to
- 22 corporate executives. Corporate executives have to

- 1 individually sign financial statements.
- 2 This is true in, to take a somewhat far-afield
- 3 example but one which I'm somewhat familiar with, in the
- 4 regulation of labor organizations. I mean a great deal
- 5 of information is publicly available about me. I'm just
- 6 an employee.
- 7 And so the idea of sort of some level of personal
- 8 identification in relationship to important gatekeeper
- 9 functions strikes me as just totally old hat, and I don't
- 10 understand why this is controversial, and it's just long
- 11 overdue.
- 12 And it ties to what we were discussing earlier.
- 13 I mean throughout today in terms of the problem of
- 14 commodification, the problem of audit committees not
- 15 necessarily doing what they're supposed to do, the
- 16 minimum that the PCAOB ought to be doing in this area is
- 17 arming the various actors in this process so that if they
- 18 choose to want to do their job seriously they have the
- 19 basic information necessary to do it. And I would say
- 20 the most basic information is knowing who's in charge of
- 21 the audit.
- Now I think there is, in addition, I think there

- 1 is something that has not gotten a lot of attention here
- 2 which is the question of who really is, whether we really
- 3 have a consistent view of quote, who is in charge of the
- 4 audit.
- 5 And the Big Four audit firms and now their global
- 6 networks, is it truly meaningful, what does it mean to
- 7 say that one of them is in charge of the audit without
- 8 identifying specific human beings?
- 9 I think if we were talking about, you know, a
- 10 Victorian partnership, you know, a handful of people
- 11 sitting in an office together, you might be able to say,
- 12 well, it's a meaningful thing to say that those five
- 13 people or those ten people are in charge of an audit.
- 14 How many tens of thousands of people represent
- 15 the institution of PwC or E&Y and is it meaningful to
- 16 identify them as responsible collectively? I don't think
- 17 it is.
- 18 And oddly enough, when we talk about auditor
- 19 rotation currently we focus on partners. And the idea
- 20 that we focus on partners there but then don't tell
- 21 anyone who the partners are, it doesn't make any sense
- 22 to me.

And so, you know, look, there's always going to 2 be a certain amount of pushback here, but this seems sort 3 of like a minimum thing for the PCAOB to move forward and

4 adopt.

And then I'll make then a comment about the auditor reporting model for a moment and just a general piece which relates to what a number of people said about the danger of boilerplate in any revisions of the auditor preporting model.

Again, having seen a number or requirements for disclosure turn into meaningless mush, it seems to me that if you're going to try to get more information in a meaningful way out of the audit process that then again informs and potentially empowers a variety of actors that surround the, including the audit committee itself, but the actors surrounding the audit committee to try to improve audit quality, that those disclosures really have to either be specific, testable facts of the kind that I think people have discussed here already today, it was the subject, I think, of Ann's presentation, or they have to be kind of processes of requirements that for lack of a better word compel either the auditor or the audit

- 1 committee to disclose sort of the things that essentially
- 2 involve grading on a curve.
- 3 The example of, tell me the five hardest things
- 4 you had to deal with in the audit process, the five
- 5 toughest decisions, the five most marginal things, a
- 6 process that doesn't allow you to say, oh, we don't have
- 7 any. We're all fine here.
- I can't help but just saying that, you know, the
- 9 president of the AFL-CIO just came back from his first-
- 10 ever trip to China. No president of the AFL-CIO has ever
- 11 been to China since 1955 when the AFL-CIO was
- 12 established. If you think about the dates involved
- 13 you'll understand why.
- And he had a great trip, but he was constantly in
- 15 the process of asking people in various settings, so does
- 16 anything ever go wrong here? Do you all ever have, you
- 17 know, does the mine ever cave in? And the answer was
- 18 always, oh no, no, no. Never, never, never.
- 19 Now we all understood that this was part of a
- 20 ritual back and forth. We don't want to reproduce that
- 21 kind of ritual back and forth in what we're doing here.
- 22 And the way in which I think you avoid that is by not

- 1 allowing, oh, there's no problem to be an answer.
- 2 MEMBER HANSON: Joe Carcello?
- 3 And let me ask the people who have commented to
- 4 also respond to the liability issue associated with the
- 5 partner identification.
- 6 MEMBER CARCELLO: Like the other people who've
- 7 spoken, I also had a couple of comments about both of
- 8 these. And in terms of the liability issue, I'm not an
- 9 attorney so there's people in this room who are in a
- 10 better position than I to talk about that.
- But in terms of the audit report, let me just
- 12 give you a very brief quote which I'm sure you've seen.
- 13 "I believe the audit is at a tipping point. The audit
- 14 report at present is hopeless."
- Now that wasn't Damon, that wasn't Lynn, that
- 16 wasn't either of the Anns. That wasn't me. That was Sir
- 17 David Tweedie, okay, former Big Four audit partner, a
- 18 former chairman of the IASB.
- 19 You know, this is as an establishment profession
- 20 as you can get, and I could give you a bunch more quotes
- 21 like that. So I think it's clear that there's a need.
- I went back and I reviewed the transcript of the

- 1 September 2011 roundtable, and people who are opposed to
- 2 your rules always pull out the bogeyman, right, Damon?
- 3 Unintended consequences. If I've heard that once I've
- 4 heard that dozens of times.
- 5 Here's a quote from Paul Haaga at the Capital
- 6 Group. "The mere fact that there's more to say than pass
- 7 or fail we think would give, " and there was broad
- 8 consensus on this within the Capital Group, "we think
- 9 would give auditors a stronger hand. They would win more
- 10 arguments and we think that would be a good thing."
- 11 That's an unintended consequence. All unintended
- 12 consequences aren't necessarily bad. In fact, that would
- 13 be a good unintended consequence.
- In terms of auditor transparency, there's a
- 15 growing body of literature that finds that, in fact,
- 16 identification or signature is helpful. Much of that
- 17 literature the Board has seen.
- 18 As others have already said, CEOs, CFOs, chief
- 19 accounting officers have certified Ks and other documents
- 20 for years without huge problems. Most of the developed
- 21 world require the partner to sign or be identified,
- 22 virtually all of Europe, China, Australia. Has not been

- 1 a problem.
- 2 And I'll close with another quote from a very
- 3 bright person. "Common human experience suggests that
- 4 when an individual is publicly identified with a
- 5 particular activity that identification usually leads to
- 6 a higher degree of care and focus." I agree.
- 7 CHAIRMAN HARRIS: Mercer Bullard?
- 8 MEMBER BULLARD: Sure, just a couple of comments
- 9 on the, you know, on the liability issue. Often you hear
- 10 liability risk used as if it is always a bad thing. The
- 11 issue with liability risk is, is it a good liability
- 12 risk, and then creating the liability is going to create
- 13 net social benefits, but you always almost hear it as
- 14 inherently negative.
- 15 I'm all for reducing liability risk that doesn't
- 16 create net social benefits, but this is one I think you
- 17 certainly would. And it also reflects a trend that
- 18 you're probably aware of in that cohorts have been
- 19 complaining about holding corporate entities liable and
- 20 no individual's engaged in the contact for which they're
- 21 being held liable.
- 22 Another problem has been true for quite some

- 1 time. You have corporations in many cases paying
- 2 damages. The corporation itself pays the damages to
- 3 shareholders, who of course the shareholders of the
- 4 corporation paying it, and no individuals are held
- 5 liable.
- 6 You have the SEC now saying it's not going to
- 7 take no-admit, no-deny settlements anymore and pointing
- 8 out it's going to go after individuals. And this is
- 9 precisely what we need to do.
- 10 We need to make individuals responsible, because
- 11 in this sense corporations are not people. Corporations
- 12 can't take action without an individual having taken that
- 13 action. So I think that putting the name and the face
- 14 on the action will have this behavioral modification
- 15 effect, it also will be the kind of liability risk that
- 16 you want.
- 17 And I think it also, to Anne's point, it really
- 18 needs to be in the main source of information about the
- 19 audit. You know, there's a general collective action
- 20 problem that shareholders have in getting involved in
- 21 anything. And a big part of the collective action is the
- 22 information costs, and every time you increase the

- 1 information costs you make it much less likely
- 2 shareholders will engage and be active, because as a cost
- 3 efficiency issue it's just not worth it.
- 4 And in talking to reporters this is constantly an
- 5 issue. They will not write good stories if the
- 6 information is not easily available.
- 7 And, you know, going further, this is an issue
- 8 that I've been sort of arguing with the SEC about for
- 9 more than a decade is, it's not clear to me why
- 10 information is not provided in a way that when you go on
- 11 useful websites it's provided where you can click a
- 12 button and get all the combinations of information that
- 13 you want that would be relevant.
- And in the mutual fund world, for example, you
- 15 should be able to compare ten funds and see their fees.
- 16 In the context of issuers you should be able to compare
- 17 the auditors. You should be able to compare who's been
- 18 with what firm how long, who have been the auditors on
- 19 different projects, what's the disclosure that is related
- 20 to PCAOB inspections.
- 21 And you see the government using virtually none
- 22 of that technology in order to make information really

- 1 useful, and that is what would really make it actionable.
- 2 DIRECTOR DOTY: Mercer, you may have to write
- 3 that to a legal argument on liability up in a comment
- 4 letter. December the 4th, 60 days, it gives you until
- 5 February. You'll have plenty of time to do this at the
- 6 University of Mississippi. But we're going to need the
- 7 comment, the legal argument on intended and unintended,
- 8 good and bad litigation costs in the file.
- 9 CHAIRMAN HARRIS: That was not a set-up, Mercer.
- 10 Norman?
- 11 MEMBER HARRISON: Sorry to come back to it, but
- 12 actually I had two things, one of which I think Mercer
- 13 and Ann have eloquently described on the issue of
- 14 liability.
- 15 I would second the notion that what the ideal and
- 16 a probable outcome of engagement partner accountability
- 17 for the content of an audit report and public visibility
- 18 with respect to the conduct of the audit, I would think
- 19 would be a risk mitigation tool not a risk aggravation
- 20 tool.
- 21 Secondly, I'm not a litigator, but at the end of
- 22 the day when an accounting firm is sued over an allegedly

- 1 blown audit, I mean they're the deep pocket. I don't
- 2 know that adding, the identity of the partner comes to
- 3 life early in the litigation.
- Any event through discovery, I don't get the
- 5 whole thing, to be quite honest with you, about that adds
- 6 anything of any material with respect to litigation risk
- 7 or to risks of judgments or outcomes.
- 8 The other thing I wanted to mention briefly, and
- 9 I was putting my board down when the thought popped into
- 10 my head that when Damon gave so many good analogies I
- 11 want to offer one more for everyone who's been or is a
- 12 litigator.
- I'm sorry the judge isn't here, but many of us in
- 14 this room have at one point or another in our lives
- 15 served as an expert witness in civil litigation. And
- 16 it's not a perfect analogy but it's close, where we've
- 17 been asked to examine a body of evidence and to apply
- 18 judgment and experience to it and render an opinion on
- 19 one or more issues.
- 20 And certainly under the Federal Rules of Evidence
- 21 we sign the reports, we don't sign our firms' name to the
- 22 reports. And then we are often challenged as to whether

- 1 we possess the requisite expertise or not and a judge has
- 2 to decide and we're deposed and there is sometimes an
- 3 exhausting level of review and transparency disclosure
- 4 on the contents of our report.
- 5 I'm not suggesting that same level of increase
- 6 should apply here, but again it goes back to this notion
- 7 of when someone holds themselves out as a professional
- 8 it's hard to find many other examples where the
- 9 individual's name isn't on it.
- 10 It really goes back to the issue we discussed
- 11 earlier in our group's discussion of audit quality
- 12 indicators where I made the point that we're in that
- 13 context assessing or measuring or evaluating conduct.
- 14 It's the same thing here.
- The opinion was ultimately reached and rendered
- 16 by a human being who had authority or responsibility for
- 17 conducting an audit process. It was not reached and
- 18 rendered by a limited liability partnership, a fictional
- 19 legal entity.
- Now I'll put my board down. Thank you.
- 21 CHAIRMAN HARRIS: Barbara Roper?
- 22 MEMBER ROPER: First of all, I agree with

- 1 everything Mercer said and plan to cosign his letter when 2 he writes it.
- We were talking last night, we were kind of
- 4 joking around about the fact that my sister and I have
- 5 always said that fear of embarrassment has propelled us
- 6 towards success. The fear of, you know, of embarrassment
- 7 keeps us from ever having gone to class not prepared, you
- 8 know, whatever.
- 9 I think it's sort of a frivolous example, but
- 10 people behave differently when their name is on there.
- 11 People speak differently when they're making an anonymous
- 12 comment in the blogs or when their name is attached to
- 13 a comment.
- 14 We know in a variety of context that this does
- 15 affect people's conduct, and it affects people's conduct,
- 16 I think, in this way precisely the way we want to affect
- 17 it, which is to make them think more seriously about just
- 18 exactly how comfortable they are with the opinion they're
- 19 rendering.
- 20 And so I mean, I think the benefits of this
- 21 proposal are self-evident. We've been talking about it
- 22 for years, and I think, you know, I would strongly

- 1 support the Board moving forward in that area.
- 2 CHAIRMAN HARRIS: Anne, I'm not going to
- 3 recognize you now because I know that you want to talk
- 4 about the global agenda, and we'll -- well, then if you
- 5 don't we'll recognize you now and then you can talk about
- 6 the global agenda. But that was one of the items in the
- 7 email correspondence that you put on there. But talk
- 8 about whatever and then we'll --
- 9 MEMBER SIMPSON: True enough, but I'm a
- 10 nonresident alien so I'm honor bound to talk about other
- 11 places. No, this was, you said, Steve, that you wanted
- 12 people who had spoke in favor of transparency to address
- 13 the question of liability, so I'm briefly going to do
- 14 that.
- I agree with what's been said that these
- 16 corporate forms, be they joint stock companies or
- 17 partnerships, the corporate forms have a lot of purposes.
- 18 But these are not moral agents and cannot be held.
- 19 So whichever Lord Chief Justice, way back when,
- 20 said, you know, corporations have neither a body to kick
- 21 nor a soul to condemn to eternal damnation, at that point
- 22 we're then back to people. And whatever has been said

- 1 about political donations and political speech about
- 2 corporations being persons is nonsense.
- 3 So if we want to change behavior, the corporation
- 4 is not something that will behave differently. It's
- 5 people that will behave differently, and behavior does
- 6 change under observation.
- 7 If there are concerns about liability it is not
- 8 to be addressed by drawing a veil over the people who are
- 9 responsible. If there are issues around litigation and
- 10 liability they need to be dealt with on their merit, but
- 11 this would not be the channel I would suggest.
- 12 CHAIRMAN HARRIS: Okay, Lynn, then Damon.
- 13 MEMBER TURNER: Two points, one to your question
- 14 of liability and then one back to the basic audit
- 15 reporting model and your proposal that the staff have
- 16 recently put out.
- 17 First, on the liability issue. In the state of
- 18 Colorado, engineers and architects, you can add those to
- 19 the list of people who have to sign in their own personal
- 20 name, in addition to the CPAs who give expert reports,
- 21 the boards and all those people.
- In fact, when you come down it, the auditors

- 1 signing these audit reports are about the only people
- 2 that don't have to put their name down. Everyone else
- 3 does. And they're the only ones, and there's no good
- 4 reason why they should be given special privilege
- 5 whatsoever.
- 6 And on liability, I chaired at the board of
- 7 trustee committee at Copara that oversees our litigation.
- 8 I can't fathom us deciding whether or not to sue a firm
- 9 based upon who an individual partner is.
- 10 It's going to be based upon whether or not there
- 11 was an audit report rendered when, in fact, the belief
- 12 is that it was a failed audit and a clean opinion wasn't
- 13 warranted.
- And in every case I've ever seen go into
- 15 litigation no one sued, first and foremost, the partner
- 16 and left the firm off the thing. It's ridiculous to even
- 17 propose that. It's always going to be the firm that gets
- 18 sued.
- 19 You go into discovery and immediately upon
- 20 discovery what's the first thing you find out? The
- 21 partner's name. So the notion that there's audit risk
- 22 associated here because of liability is a figment of

- 1 someone's imagination and dreams. It just isn't
- 2 supported by actual fact.
- 3 And in Colorado, and I've checked this with the
- 4 state Board of Accountancy, you're liable as an
- 5 individual whether you sign in the firm's name or your
- 6 own name. So it doesn't affect liability in that respect
- 7 in any way, fashion, shape or form. So there is no
- 8 argument on liability on this that is factually based.
- 9 The second issue on the audit reporting model on
- 10 the proposal that a comment, I guess, is due in December,
- 11 and it's good that something's got out there that people
- 12 can discuss and comment, I'd just say there has been an
- 13 issue thrown up with respect to that proposal.
- And depending upon how people look at it, and
- 15 I've gotten different reads from different people, that
- 16 proposal may or may not be fatally flawed. And the issue
- 17 is whether or not that proposal as written would require
- 18 disclosure of the items set forth, and there's some good
- 19 items there that are set forth, but whether or not
- 20 disclosure's required based upon the professional view
- 21 of the auditor or is based upon what the auditing
- 22 standards themselves would require to be identified as

- 1 significant matters.
- 2 And when the ISB did the old ISB Standard Number
- 3 1, that standard was written and said you have to
- 4 disclose to the audit committee, what, in the
- 5 professional view of the auditor, is deemed to be
- 6 something that the auditor would believe would impact on
- 7 their independence wasn't required to be disclosed from
- 8 an investor perspective or perspective of the standards.
- 9 And what we saw when the standard was written
- 10 that way was the auditor's continued to violate black and
- 11 white independence standards but didn't put it in the
- 12 standards letter itself, and came back and always said,
- 13 well, in our professional view.
- 14 So it became an unenforceable standard when it
- 15 was written that way because auditors always came back
- 16 and said, well, it doesn't matter what the standard said
- 17 because it's what in our professional view was. And so
- 18 the ISB Standard Number 1 turned out to be basically a
- 19 fatally flawed and worthless standard.
- Bill Allen is someone you might recall tried to
- 21 fix it. He wrote a letter shortly after it was issued,
- 22 after he and the other three members recognized the fatal

- 1 flaw, but it never got it fixed and it's never worked.
- There's been many, many instances of black and
- 3 white violations that never were told to audit committees
- 4 in that black and white letter.
- 5 So depending upon how you've written it, if
- 6 you've written it to say in the professional view of the
- 7 auditor this is what they would have to disclose, that
- 8 document is fatally flawed and will never work. And
- 9 we've got that experience behind us.
- 10 If it's written from the perspective of, here are
- 11 the significant matters you would have to disclose if the
- 12 auditing standards would deem those to be significant
- 13 matters, then you're okay. And I've heard different
- 14 interpretations of that standard.
- 15 DIRECTOR DOTY: This is a very valid point, and
- 16 I think the limiting case you lay out, Lynn, is one that
- 17 the proposal avoids. The proposal requires a discussion
- 18 of what were the difficult auditor judgments, the
- 19 difficult issues of supporting opinion, the complex
- 20 issues.
- 21 It further goes forward to say if you decide
- 22 there are none you must explain why. You must document

- 1 how you got to the decision that there were none. And
- 2 it goes further to say that it would be not expected that
- 3 there would be many audits in which the auditor could
- 4 conclude there were no critical accounting matters.
- 5 It directs the auditor to decide and to discuss
- 6 what were the critical audit matters on the basis of, I
- 7 think, a stated as well as implied assumption that almost
- 8 any audit involves some critical audit matters.
- 9 And the documentation is required of the decision
- 10 either way to exclude, if you exclude something that
- 11 normally would have been reported to the audit committee
- 12 you've got to explain why. You've got to document the
- 13 reason why that would not be a critical audit matter in
- 14 this case.
- 15 MEMBER TURNER: But are those critical audit
- 16 matters determined in accordance with the standards, or
- 17 critical audit matters determined in the professional
- 18 view of the auditor? And that's the question.
- 19 MR. BAUMANN: Well, Lynn, you know, this is a
- 20 lengthy discussion that we could have and it's probably
- 21 beyond this room and we'll appreciate your comment letter
- 22 when it comes in and we'll address it.

- 1 But clearly, as Jim just mentioned a moment ago,
- 2 the critical audit matters we indicated would be things
- 3 that the auditor documented under AS 3 requirements, for
- 4 documentation requirements.
- 5 Would likely be things that the engagement
- 6 quality review are under AS 7 had looked at as the most
- 7 significant judgments in the audit. Would likely be
- 8 things that the auditor communicated to the audit
- 9 committee in connection with AS 16.
- 10 And went on to say as Jim indicated, if you have
- 11 such matters that would appear to meet critical audit
- 12 matters, and have those attributes of having been
- 13 discussed with the engagement quality review and
- 14 discussed with the audit committee, documented as a
- 15 difficult matter, consulted on with the national office,
- 16 and it's not disclosed as a critical audit matter, then
- 17 the auditor has to document on the work papers what was
- 18 the rationale why that was not a critical matter.
- 19 And that documentation, we believe, would be
- 20 subject then to inspection to understand is that a
- 21 reasonable rationale why that wasn't a critical audit
- 22 matter. So I think it's somewhere in between where

- 1 you're saying, is it directly driven by the audit
- 2 standards or judgment?
- 3 There's definitely judgment involved, but that
- 4 judgment is linked to existing auditing disclosure
- 5 requirements in communications with audit committees,
- 6 documentation requirements under AS 3 and things that are
- 7 reviewed by the EQR under AS 7.
- 8 MEMBER TURNER: So are you saying, Marty, that if
- 9 the auditing standards would deem whatever the matter was
- 10 that it should have been a significant matter? For
- 11 whatever reason the auditor decided not to make it a
- 12 significant matter then that would be a deficiency in the
- 13 report?
- 14 MR. BAUMANN: Yes. I am saying that once again
- 15 if this is a matter that when somebody looks at it and
- 16 sees the AS 3 required documentation of the most
- 17 difficult matters, and there's a whole list of AS 3 of
- 18 what has to be documented, the most difficult subjective
- 19 matters in the audit, then looks at what was reviewed by
- 20 the engagement quality reviewer, and the same matters
- 21 that matter was a high priority for the engagement
- 22 quality reviewer, what was discussed with the audit

- 1 committee, the same matter was communicated and was a
- 2 significant discussion matter with the audit committee,
- 3 if that matter does not make it into a critical audit
- 4 matter, I think it would be very difficult for an auditor
- 5 to justify how they concluded that that was not a
- 6 critical matter.
- 7 MEMBER TURNER: Yes, but I don't think that
- 8 things will get to that point, Marty. We saw that with
- 9 the ISB-1 thing. The bottom line was it didn't get to
- 10 that point of being discussed with the audit committee
- 11 and that was the problem.
- 12 MR. BAUMANN: Well, that would be a violation of
- 13 AS 16 then, if things are missed and not discussed with
- 14 the audit committee that should be, and I think that
- 15 would be something we would inspect against as well.
- 16 So if people are omitting required disclosures to
- 17 the audit committee, that itself is a problem and then
- 18 we could have an inspection finding with respect to that
- 19 also.
- 20 CHAIRMAN HARRIS: Lynn, let me jump in for a
- 21 second. Two things. First, we do look forward to your
- 22 comment letter. Second, I do think you raise a very

- 1 valid question with respect to the objectivity of the
- 2 standard and to the extent that there's judgment and
- 3 whether or not there could be tightened. You have five
- 4 Board members with five different viewpoints on it, so
- 5 I think you ought to reduce your comments to writing
- 6 which I think we'll review very carefully.
- 7 Damon, you know, go ahead, and then Mercer. And
- 8 then I would like to, because, you know, we're going to
- 9 be approaching the end of the session, I did raise other
- 10 issues that were brought to the attention of the Board
- 11 in terms of what other people might want to bring up.
- But to the extent that anybody has an issue that
- 13 they want to bring to our attention, I want to go right
- 14 the way around the room and spend the last 15 minutes,
- 15 you know, for you to tell us what you want us to hear,
- 16 and to the SEC as well.
- 17 I'm sorry. Brian, your card is up so we'll
- 18 recognize you and then we'll go to Mercer.
- 19 MR. CROTEAU: Well, thanks, and it does relate to
- 20 the point we were just talking about, so I'll take the
- 21 opportunity. I think it's a great discussion we're
- 22 having relative to what would be a critical matter, and

- 1 certainly there's an open comment period.
- I think one of the important questions to think
- 3 about, really, is the criteria for what is a critical
- 4 audit matter sufficiently objective or should it be any
- 5 more objective than it is? And I think the PCAOB's asked
- 6 some thoughtful questions in the release around that.
- 7 Certainly Marty's described the documentation and
- 8 others have described the documentation requirements, you
- 9 know, the question can be asked to whether documentation
- 10 requirements are enough to overcome what some might view
- 11 as a more subjective definition to begin with.
- 12 So very interested in comments as to whether
- 13 there's improvement that can or should be made to the
- 14 definition of a critical audit matter in the first
- 15 instance, but I think the PCAOB's at least been very
- 16 thoughtful in trying to put forth an initial proposal in
- 17 that regard. But I think it's an area that could benefit
- 18 from some focus and public comment.
- 19 MEMBER HANSON: Mercer?
- 20 MEMBER BULLARD: I'm just trying to figure out
- 21 the dynamics here. So it sounds like there are scenarios
- 22 in which the auditor will be exercising discretion, and

- 1 whichever way they go is going to determine whether they
- 2 have to disclose something as a significant issue.
- And if that's true, why wouldn't the disclosure
- 4 requirement give them a very strong incentive not to take
- 5 those steps? In other words, decide differently, not
- 6 bring something to the committee precisely because that
- 7 will trigger a different requirement where they don't
- 8 want disclosure.
- 9 Or is it objections, there's no discretion for
- 10 them to make those because it sounds like they're taking
- 11 it up the chain was one thing you mentioned. If I'm the
- 12 auditor I'm not going to take it up the chain if it means
- 13 I'm going to get public disclosure out of that. So how
- 14 does that dynamic work?
- 15 MR. BAUMANN: Well, again I think it's rather
- 16 than getting into a lengthy discussion about this item,
- 17 I think it's important to read the proposal, read the
- 18 standards and raise questions if you think that the way
- 19 that it's crafted leaves the ability for an auditor to
- 20 not disclose things and to not meet the spirit of what
- 21 we're trying to get at here.
- 22 So I'll support what Brian said, and that is we

- 1 worked really hard to get a standard that we think would
- 2 improve disclosures to investors about what's critical
- 3 in the audit. It's hard to mandate those things that
- 4 were most difficult to the auditor because it's whatever
- 5 was most difficult to the auditor in those particular
- 6 circumstances. So you can't say what they'd be, it was
- 7 what was difficult in that particular audit.
- 8 So as Damon said before, name the five things
- 9 that were most difficult. Well, we could put a number
- 10 five on it. We actually thought about that and we asked
- 11 questions, should we have a minimum number? So that
- 12 actually was a question in the release that would help.
- 13 Should there be any situations where you would
- 14 not have critical audit matters? That's another
- 15 situation, another question we asked. So there's lots
- 16 of ways in which people can comment to us that listen,
- 17 you can make this tighter in your final document by doing
- 18 X, Y, or Z. And I think that's very valuable comment to
- 19 get that.
- 20 But that's sort of the way it's structured. And
- 21 we had a conversation way back when, Damon, you and I
- 22 together and at the SAG also about, Marty, just have them

- 1 disclose the five toughest matters. And that's sort of 2 what this is.
- 3 But we are looking for valuable comment about how
- 4 to make this crisp and tight so that this really does
- 5 achieve the objectives and that matters aren't avoided
- 6 by, well, I'm not going to communicate this to the audit
- 7 committee because then it will look like it's too
- 8 critical.
- 9 So you're right. We want to avoid those
- 10 consequences, but we want to think about all those
- 11 things. And if in the proposal, if there are ways in
- 12 which people think that it can be fixed and made even
- 13 better, we're looking forward to those comments and we'll
- 14 move forward on that. We certainly want to have a strong
- 15 standard here that greatly improves the audit report.
- 16 MEMBER HANSON: Damon, did your card go back up
- 17 or --
- 18 MEMBER SILVERS: It was up before.
- 19 MEMBER HANSON: Oh, I'm sorry. Oh, I thought I
- 20 heard you before. By all means, go ahead.
- 21 MEMBER SILVERS: Well, I had two things. Now
- 22 after Marty spoke I've got three. Look, at first it was

- 1 in response to your question about liability. I want to
- 2 just even intensify what Lynn said.
- I don't understand the argument about liability
- 4 from the auditing firms. As Lynn pointed out it is a
- 5 trivial matter in litigation to get the name of the
- 6 partner. And the notion that somehow the lack of
- 7 disclosure of the name in non-litigation situations is
- 8 going to promote, that that's somehow protection against
- 9 litigation, I think is not a serious argument.
- 10 And I would urge the PCAOB to the extent that
- 11 auditors are making a litigation argument, and this
- 12 doesn't even get into Mercer's point, I'm just saying I
- 13 don't get what the argument is. And I think the PCAOB
- 14 needs to sort of insist people who make this argument be
- 15 specific as to what they think exactly is going to
- 16 happen. But I think if you follow the thread of that
- 17 logic through a little bit you get to a deeper issue.
- 18 So if litigation's not the point, what is the
- 19 point? Why do investors want to see this name? And the
- 20 reason is precisely because you want to be able to engage
- 21 in types of accountability that don't rise to litigation,
- 22 and you want to facilitate that on the part of investors

- 1 who may not have the muscle to get it on their own.
- 2 Because I think, in addition to the fact that
- 3 litigation can get that name, okay, if you hold three
- 4 percent of a company's stock you can probably get that
- 5 name. It's probably not that hard, in fact, to get that
- 6 name.
- What's absent though is in this regime, the
- 8 existing regime we have, is the sense of a level playing
- 9 field in the securities markets that is what, in fact,
- 10 the audit report is all about in the first place.
- I mean why, you know, we've had this conversation
- 12 today and people have talked about what is an audit
- 13 report for? Well, increasingly, I think, and I think Joe
- 14 said this earlier that there's a real danger here of the
- 15 diminishment of the value of the audit report in general.
- And what's going on right now, and it's visible
- 17 to me in terms of at least what is now, you know, ten
- 18 years of this body's existence and going back to the
- 19 period before this body was created, this body being the
- 20 PCAOB, that what has increasingly happened, I think, is
- 21 that the securities markets have become for a variety of
- 22 different reasons, and a lot of people have talked about

- 1 high-speed trading as part of this but that's not the
- 2 only driver of this, the securities markets have become
- 3 increasingly hostile to the involvement of investors who
- 4 lack enormous scale and enormous resources.
- 5 If you have enormous scale and enormous
- 6 resources, there's a sense in which maybe you don't need
- 7 an audit report. You can send your own team of financial
- 8 experts in to talk to a public company.
- 9 You've got a variety of ways, if you've got that
- 10 kind of scale. You know, if you're at Black Rock you can
- 11 have that conversation, closed doors, demand whatever
- 12 metrics you want to get whatever you get and make your
- 13 own conclusions.
- Maybe for any given public company there are 20
- 15 investors who can do that. Everybody else is kind of
- 16 left in the dark. As financial statements have become
- 17 more complex, as the ability of firms to essentially play
- 18 games with financial statements has grown, and in
- 19 parallel, as trading processes have become less friendly
- 20 to smaller investors, you have an overall drift away from
- 21 a level playing field in the markets. Identifying
- 22 auditors by name is by no means a solution to this

- 1 problem broadly writ, but it pushes back on it a little 2 bit.
- 3 DIRECTOR DOTY: I've got to ask you, is this
- 4 about making small investors feel good about large,
- 5 complex and impersonal markets or is it about having them
- 6 think they have information that other people have and
- 7 feel better about it that way, or is there something of
- 8 use to them?
- 9 Of what utility is it for them to have the
- 10 information given the situation they're in, which you and
- 11 Ann have so articulated?
- 12 MEMBER SILVERS: I think it's a very fair
- 13 question, and I think that there are two answers that go
- 14 beyond feel-qoodism here. I think the first is, is that
- 15 it will be possible for a wide variety of actors,
- 16 academic actors, providers of public, the press and other
- 17 sort of providers of public analysis to look at the pay-
- 18 driven individual partners across companies that is, and
- 19 tell investors things that are meaningful.
- The second thing I think is possible is, is that
- 21 I think there is a landscape between, really, the small
- 22 investor, the individual investor, there's a landscape

- 1 between that party and the very largest players who have
- 2 the resources and the market leverage to extract
- 3 information sort of willy-nilly from companies.
- 4 And those, if you look at the history of
- 5 corporate governance reform in the United States, it's
- 6 often been those investors who have pushed the envelope
- 7 on things and, you know, using publicly available data
- 8 as opposed to what they can extract as a private party.
- 9 I think that was certainly true in the initial
- 10 push for auditor independence, in the push around Board
- 11 independence. A number of those funds are ones, this is
- 12 certainly true of a lot of funds that are collectively
- 13 bargained in one or another. I don't think this is a
- 14 transformative move in relation to any of these dynamics,
- 15 but I think it pushes it the right way. And I think it's
- 16 not feel-goodism.
- 17 CHAIRMAN HARRIS: Well, I want to begin the wrap-
- 18 up period here and just start, Brandon, with you and just
- 19 go right the way around in terms of any final parting
- 20 shots that you would like to leave the Board with in
- 21 terms of what we should be doing to improve audit quality
- 22 and protect investors.

1 MEMBER	BECKER:	Well,	I	do	think	that	the
----------	---------	-------	---	----	-------	------	-----

- 2 signature makes a lot of sense, the same way we do it
- 3 with mutual fund portfolio managers and the like where
- 4 the SEC has been much more aggressive. I discount the
- 5 liability issues for the various and other sundry
- 6 reasons.
- 7 The context of the discussion today though, I
- 8 think, really goes to the audit quality indicators in the
- 9 morning, getting those built into the governance process.
- 10 Because as Curt highlighted and as various have referred,
- 11 basically the relevancy of the audit, getting more of
- 12 that quality and ultimately going to the quality of
- 13 earnings so that there is more value extracted rather
- 14 than check the box from the audit would be valuable.
- 15 I should say, however, that while greater
- 16 transparency to the audit is important, we would be
- 17 worried if we lost the pass/fail. We think that we would
- 18 not want to see the greater transparency degrade the
- 19 pass/fail. I don't think it needs to, but I did want to
- 20 at least highlight our concern along those lines.
- 21 CHAIRMAN HARRIS: Curt?
- 22 MEMBER BUSER: So I think the audit quality

- 1 initiatives are key. I think that, you know, what I'd
- 2 like to see happen is the PCAOB start to get in a
- 3 position where it can comment on, you know, what we see
- 4 in improvements in audit quality and what's the state of
- 5 the profession and be able to answer a lot of the
- 6 questions that are unknown about the quality of the
- 7 people that are carrying this out. So I think we need
- 8 to know, kind of, is the profession having the right
- 9 people in place or not?
- 10 CHAIRMAN HARRIS: Grant?
- 11 MEMBER CALLERY: I think I'd like to see the
- 12 Board take a further look into some of the issues, the
- 13 governance issues that we talked about where you do have
- 14 access to information. Because I think a lot of the sort
- 15 of presumptive reactions that people have were based on
- 16 very surface level knowledge and that you really ought
- 17 to delve into it and see whether there's "there" there,
- 18 and then move accordingly from there.
- 19 CHAIRMAN HARRIS: Grant, we certainly welcome you
- 20 to the Investor Advisory Group.
- 21 MEMBER WALSH: Yes, I've been trying to think
- 22 about how investors will react to a lot of what we've

- 1 talked about today, and I think it's hard to imagine a
- 2 situation where investors go in and short stocks of
- 3 companies whose audit partners have shown mistakes in the
- 4 past and buy really strong audit companies.
- I don't know that that's going to happen, and
- 6 before we get to that point we'll see trading cards with
- 7 auditors on the face, and I think at that point you
- 8 really do end the worry about commoditization.
- 9 But I really do have a sense that we need to get
- 10 to more information, and I don't know how the market will
- 11 use what we've talked about with audit quality indicators
- 12 or how they're going to use identification of the
- 13 partners responsible for the audit, perhaps the
- 14 identification of the audit committee chairman.
- I don't know how it will be used, but I think
- 16 that there's an invisible hand that will ferret that
- 17 information out and it's a process and we'll get better
- 18 at this, and maybe we have 70 indicators that we disclose
- 19 Round 1, it turns out that there 35 that are helpful.
- 20 The market will figure that out and migrate towards those
- 21 indicators.
- 22 And so I'm all in favor of more information

- 1 rather than less, even if we don't know how it'll be used
- 2 or which ones are going to be the most helpful. But I'm
- 3 very encouraged by what we're talking about today.
- 4 CHAIRMAN HARRIS: Thank you.
- 5 Damon?
- 6 MEMBER SILVERS: Since the chairman caught me in
- 7 my train of thought I left out my comment from Marty.
- 8 I'm just going to make that. I think it's quite
- 9 dangerous to have even with the caveat that you don't
- 10 expect to see very many of them, I think, in the
- 11 reporting model, it's very dangerous to have an option
- 12 of saying no, we don't have any serious issues.
- 13 I think it raises this issue of then all of
- 14 sudden auditors are, it becomes tricky to push issues in
- 15 the internal process, I think, if you do that. I stand
- 16 by what I said to you when however long ago that you were
- 17 citing, which is put a number on it, one, two, three,
- 18 five, whatever that number is and everyone has to
- 19 disclose what that is. Every audit has an issue. It's
- 20 not possible to have an audit without an issue.
- 21 CHAIRMAN HARRIS: Norman?
- MEMBER HARRISON: Nothing new to add other than

- 1 to thank you all for having us and for inviting us to be
- 2 participants. And I'll say only we've covered a lot of
- 3 ground today, not only in the panel-specific discussions
- 4 but certainly here at the end.
- 5 And, you know, I think when you take a step back
- 6 you realize that the issue of quality is the silver
- 7 thread that connects it all and then the need to define
- 8 it, to measure it, to report it and to use it as a tool
- 9 for improving or providing safeguards around audit
- 10 quality, I think there's further work to be done.
- 11 So by way of parting comment I'll say that rather
- 12 than show up again next year, you know, see where we are,
- 13 I'm happy to continue being supportive in any way I can
- 14 as the staff moves forward.
- 15 CHAIRMAN HARRIS: Thank you very much.
- 16 Tony? Tony Sondhi?
- 17 MEMBER SONDHI: Thank you. I'd like to simply
- 18 emphasize what I thought was the two main things I said
- 19 this morning. One is that as Norman just said, audit
- 20 quality is the critical issue.
- 21 But if you develop indicators that are based on
- 22 audit firm quality and audit process and not focus on

- 1 audit quality, I think we're going to miss very
- 2 significant opportunity. I think it's absolutely
- 3 critical that we focus on audit quality.
- 4 The second point I want to make is that what the
- 5 discussion today showed is that there are concerns. I
- 6 understand that the sort of the nexus where the output
- 7 based indicators meet, financial reporting quality and
- 8 some of the other issues that Lynn and some other people
- 9 have raised, and Joe, I think, I think that although that
- 10 nexus is a difficult one, I think that should not get in
- 11 the way of developing really good audit quality
- 12 indicators. And being very firm, the complexity
- 13 shouldn't get in the way.
- 14 CHAIRMAN HARRIS: Bob?
- 15 MEMBER BUETTNER: I hope this is not off-topic,
- 16 but as you said you were hoping to get what was on our
- 17 minds at this time. My question are something that I
- 18 think at some point I'd like more explanation on was the
- 19 issue around the Chinese reverse merger issues.
- 20 And most specifically, in fact, this might just
- 21 go to harmonization of global accounting standards, but
- 22 the differentials that existed between the Chinese

- 1 accounts and the accounts that were ultimately reported
- 2 here, I think the collapse that we saw and the investor
- 3 losses that we saw across a wide range of those companies
- 4 was really a black mark on the U.S. capital markets.
- 5 And so, really, my questions are more around,
- 6 one, how was this allowed to happen? In other words,
- 7 that these companies were able to, sort of, from an
- 8 accounting and audit perspective slip under the radar?
- 9 And then secondarily, are there processes that we can put
- 10 in place to ensure that situations like that do not recur
- 11 again?
- 12 DIRECTOR DOTY: Audits were ostensibly performed
- 13 where we have reason to believe now there was no work
- 14 done. In some cases by registered firms within China,
- 15 in some cases by registered firms in the United States
- 16 which were relying on firms in China.
- 17 That situation has received a lot of attention
- 18 both in the area of enforcement, which will continue as
- 19 an interest that we have, but also in our relations with
- 20 the People's Republic we are continuing to press for a
- 21 joint inspection regime.
- I think that unless we could get to a position in

- 1 which our division of inspections can go to China and can
- 2 satisfy themselves about the quality of the audits that
- 3 are being used to issue securities or trade securities
- 4 in the secondary market here, we will have to move toward
- 5 deregistration of firms and that will have, of course,
- 6 implications for markets. It'll be something that we
- 7 will have to work out with our colleagues at the SEC.
- 8 CHAIRMAN HARRIS: Anne Simpson?
- 9 MEMBER SIMPSON: Yes, I had two points, one of
- 10 which I think Robert has referred to. So CalPERS invests
- 11 in 47 markets worldwide and regulation is a global game.
- 12 It's not just of account audits, it's accounting,
- 13 securities law, capital adequacy for banks, you name it.
- 14 And what struck, although there are the
- 15 multiplicity of regulators, the core of the regulatee is
- 16 the Big Four, maybe plus two. So the work that you're
- 17 doing to cooperate and coordinate is really important,
- 18 but I hope it's also a weather eye to the fact that these
- 19 public agencies are stumbling over themselves and each
- 20 other dealing with four business networks.
- 21 And I don't know what the solution to that is,
- 22 but that is something I would have talked about. So I

- 1 really encourage that work that you're doing and thank
- 2 you very much for it. If there's anything more we on the
- 3 investor side can do to support you please let me know.
- 4 And the other thing, my closing comment is that
- 5 with regard to audit, shareholders are weak and ill-
- 6 informed. And you can do something about the ill-
- 7 informed part and our friends at the SEC can do something
- 8 about the weak part.
- 9 So I hope that we can make progress on this,
- 10 because all this good work on quality and disclosure and
- 11 all the rest of it, if we can't, you know, both speak
- 12 softly but carry the big stick, if there's no stick, if
- 13 we can't move in as the shareholders, it would be Teddy
- 14 Roosevelt in style, it won't work.
- 15 But thank you for what you're doing. We greatly
- 16 appreciate it. I think the PCAOB is doing tremendous
- 17 work. We very much value what you do. Thank you.
- 18 CHAIRMAN HARRIS: Ann Yerger?
- 19 MEMBER YERGER: Well, let me echo the thank you.
- 20 This is an energized Board and we really appreciate it.
- 21 You've been bold, I think, recommending and proposing
- 22 reforms, and I think on behalf of investors and the

- 1 Council we really appreciate it.
- I would urge you to maybe get one easy or
- 3 seemingly easy win and that's the auditor or the
- 4 engagement partner transparency. I think it just seems
- 5 like that's not a complicated reform and it would be
- 6 great to push that across the finish line.
- 7 I think the second point is as everyone else has
- 8 said, this is all about audit quality. I think the work
- 9 that you're doing on audit quality indicators is
- 10 profoundly important so I commend you to move forward
- 11 with that, but also to not let the perfect be the enemy
- 12 of the good.
- 13 I don't know that there's one perfect
- 14 prescription for how to do this and this could get
- 15 analyzed forever without a resolution. I think it's
- 16 important to move along. I do believe public disclosure
- 17 of audit quality indicators is very important.
- I do think it's an interim step issuing some
- 19 quidance, additional quidance to audit committees so they
- 20 have a better arsenal of questions to be asking on audit
- 21 quality, I think could be very helpful as well.
- 22 CHAIRMAN HARRIS: Mercer?

- 1 MEMBER BULLARD: I just would probably emphasize
- 2 that the way I see the quality issue is really something
- 3 bigger. It's more of a value-added issue. It's not so
- 4 much quality to prevent fraud, it's to make the case for
- 5 public companies. Because from the securities law
- 6 perspective, you know, what I see is, 15 years ago there
- 7 was twice as many companies on the New York Stock
- 8 Exchange as there are now.
- 9 Over the last couple of years more money was
- 10 raised in private markets in IPOs -- than in IPOs. You
- 11 see Facebook trading on private markets millions of
- 12 shares a day, so liquidity is not going out the window
- 13 is a reason to an IPO.
- 14 You have the JOBS Act that's now eliminated, and
- 15 this is the first meeting since the SEC adopted rules,
- 16 eliminated the general solicitation in advertising which,
- 17 I think, will have a geometric effect on the
- 18 advantageousness of private offerings.
- 19 JOBS Act has also expanded the number of
- 20 investors that require you to go public and also excluded
- 21 certain investors from being counted, and the SEC takes
- 22 a very liberal view as to how you count pass-through

- 1 entities toward that and that will also another reason
- 2 you'll have fewer public companies.
- It's hard to know where this is all going to go.
- 4 The trend is pretty clear, but I think the brand that is
- 5 the public company, especially with steps that have
- 6 essentially made what it means to be a public company be
- 7 different things for different companies, 404 here, 404
- 8 not there, has really put the public company brand at
- 9 risk.
- 10 And if you want to look at a specific threat to
- 11 the importance of honest accounting, look at the filing
- 12 of confidential registration statements, where I looked
- 13 at about the last ten that have been done and you see
- 14 three to eight confidential filings. And these were
- 15 prompted, this rule was prompted by a company that you
- 16 all recall went public and had repeatedly to go back to
- 17 its registration and correct what were pretty blatant
- 18 accounting abuses.
- 19 If you were to go into those confidential filings
- 20 and you did a lot of work you'd probably find the same
- 21 thing. And that is, you know, this is a market that is
- 22 becoming more and more for retail investors only.

- 1 If you are going to go public now, it seems to me
- 2 the biggest reason to do so is to sell to the least
- 3 sophisticated group, because you will have gotten all the
- 4 money you needed out of institutional investors and
- 5 accredited investors before you go public. Because, you
- 6 know, one of the key classes I teach is the pros and cons
- 7 of an IPO, and most of the pros are disappearing.
- 8 CHAIRMAN HARRIS: Pete?
- 9 MEMBER NACHTWEY: Thanks Steve, and thanks to the
- 10 Board for putting this group together and reaching out
- 11 to us for input, and more importantly, maybe the staff
- 12 for doing all the hard work to pull it off, so much
- 13 appreciated.
- 14 Maybe three quick comments I'll canter through.
- 15 One, I do agree audit quality indicators is a key thing
- 16 coming out of the discussion today, but I think it has
- 17 to be married up with heightened expectations for audit
- 18 committees because there's got to be two levels of this.
- 19 One that I think the PCAOB is ideally suited for
- 20 of looking at firm level quality, but where the rubber
- 21 meets the road is individual audits and audit committees
- 22 are going to be in the best position to really judge, are

- 1 they getting quality, both people, the scope and the work
- 2 plan that's put in place?
- 3 And then hat in hand with that has to come kind
- 4 of heightened focus on what's a financial expert
- 5 particularly for saying the auditors, the external
- 6 auditors and the internal auditors are reporting to the
- 7 audit committee, making sure we have somebody who is able
- 8 to, on those audit committees, really manage that work.
- 9 Second topic, and I'm mindful of something. Curt
- 10 will know the author of this statement, but everything's
- 11 been said just not everybody's said it, but I'll jump in
- 12 on the audit opinion, audit reporting model.
- One, I do agree around the transparency on having
- 14 audit partners. I don't why that would be any different
- 15 than the professions that Lynn listed or responsibilities
- 16 that people like I have to certify financial statements
- 17 that we submit to the SEC.
- On the other hand I think we've got to also be
- 19 mindful of the dichotomy that we can't be aghast when we
- 20 see marketing material with firms saying well, the
- 21 individual signing partner has responsibility. So we've
- 22 got to be careful a little bit of what we wish for, and

- 1 I think at the end of the day be mindful of the fact that
- 2 we are, when we're buying an audit from a firm we're
- 3 buying the firm and that's what we want. But I do agree
- 4 it crystallizes the focus of that partner who ultimately
- 5 has the signing pen.
- 6 But there were a couple other aspects of the
- 7 reporting model. The critical accounting matters I do
- 8 think can be an interesting expansion, but I think we've
- 9 got to be practical about it. So how does that marry up
- 10 with management's disclosure on critical accounting
- 11 policies and estimates?
- I would envision there would be a pretty parallel
- 13 set of disclosures there, so if it's just duplicative do
- 14 we get anything or do we just put more cost and time into
- 15 the process of getting audits and financial statements
- 16 prepared?
- 17 So, you know, whether we kind of road test that
- 18 or find some way to say what's the practical aspects of
- 19 it, then how do we make sure it doesn't end up being
- 20 heavily lawyered, and no disservice to the legal
- 21 profession but they're going to represent their clients,
- 22 in this case the Big Four.

2 their audit opinions and we can't find the pass/fail, 3 which I think when I think I talk to our portfolio 4 managers and analysts who are managing \$650 billion of

If we end up with 50 pages of boilerplate in

5 investor money, the thing they want to know at the end

6 of the day, did they pass or did they fail? Because I

7 don't have enough time to go through all the rest of the

8 aspects.

1

And then last but not least, being the author of the fair value accounting, and I won't spend a lot of time on it, Steve, because I know it's an issue we could we spend eons on, but just to be clear on what I think the issue is there, which is the procyclicality of fair value accounting combined with the false precision that when you take numbers out to two decimal places and it's fair value and it's judgments and estimates on top of judgments and estimates it's important that, I think, somehow we have investors understand a), that level of imprecision, and b) the procyclicality that's just as bad in an environment that's being fueled by quantitative easing as it was in '09 and '10 when there was a dramatic cycle down. So enough said. Thank you.

1	CHAIRMAN	HARRIG.	Barbara	Poner?
⊥	CUATKMAM	THYKYIS:	Darbara	rober:

- 2 MEMBER ROPER: I think at some point in all of
- 3 these meetings I say that the audit only has value to
- 4 investors if it's conducted with an appropriate degree
- 5 of professional skepticism. And we have seen a
- 6 persistent problem with insufficient professional
- 7 skepticism which, I think, is arguably the main driver
- 8 of low audit quality.
- 9 So I would sort of review each of these issues
- 10 we've talked about today through that lens of to what
- 11 degree is there potential through whether it's audit
- 12 quality indicators or whatever, to drive a higher degree
- 13 of professional skepticism in the conduct of audits?
- And toward that end, I actually think it's the
- 15 issues that Grant's subcommittee was working on in terms
- 16 of incentives and governance where there's rather a
- 17 largely unexplored potential for further progress in
- 18 terms of driving toward a more independent and skeptical
- 19 audit.
- 20 CHAIRMAN HARRIS: Bob Tarola?
- 21 MEMBER TAROLA: Yes, thanks Steve. I quess I
- 22 want to say I hope that you don't marginalize the audit

- 1 committee. They're the primary body responsible to the
- 2 shareholders. And I'm going to also be in favor of a
- 3 pass/fail model, an auditor report for that very reason,
- 4 is that if there are difficulties in auditing and
- 5 enterprise let the audit committee explain those
- 6 difficulties. The management of the enterprise has an
- 7 obligation to do good accounting and disclose how they
- 8 did it.
- 9 So if an auditor just comes behind them and says
- 10 they did good accounting, we audited it and we're happy
- 11 with it, I'm not sure what the benefit of that is. But
- 12 if you have the audit committee explain how they
- 13 monitored that audit with respect to those difficult
- 14 issues, I think the investors, I think the system works
- 15 better. Let me just say that.
- 16 I am in favor of transparency of the signer of
- 17 the audit opinion. I think that there should be no
- 18 difference between that signature and that of a CFO on
- 19 the financial statements. And also I think if you're
- 20 going to support the audit committee's role then you also
- 21 have to look at the qualification question.
- 22 CHAIRMAN HARRIS: Thank you Bob.

1	JOE	Carcello?
_	000	Carcerro:

- 2 MEMBER CARCELLO: Yes. In the interest of time
- 3 I think we're talking about the right things. I think
- 4 the Board's looking at the right issues. I just would
- 5 second what Ann Yerger said, let's get some things across
- 6 the goal line.
- 7 CHAIRMAN HARRIS: Judge Sporkin, we've just gone
- 8 around the table concluding and we've asked everybody for
- 9 their final comment in terms of what they would most like
- 10 the Board to address in terms of improving audit quality
- 11 and investor protection.
- I know you've mentioned 10A in the past but
- 13 whatever you want to wrap this up with would be most
- 14 appreciated, as long as you keep it under five minutes.
- 15 JUDGE SPORKIN: No, I've just got a few seconds.
- 16 I agree with Chairman Doty's view on the signature on the
- 17 audit. I think that the person who has done it has got
- 18 to sign it. I think that should be a no-brainer.
- 19 The only other thing I think you, I didn't hear
- 20 what whether there was much discussion, but 10A of the
- 21 Securities Exchange Act is an extremely important
- 22 provision, and I would like to see some emphasis on that

- 1 provision. Because I do believe that it is not being
- 2 followed the way the drafters of the provision want it
- 3 to be followed. So I would hope that you would put that
- 4 on your agenda. Thank you.
- 5 CHAIRMAN HARRIS: Judge, in terms of the
- 6 transparency, since there are transcript, this is, you
- 7 know, an open release, why do you support it?
- 8 JUDGE SPORKIN: Well, when I say it's a no-
- 9 brainer is why shouldn't the person who has been involved
- 10 sign it? I don't understand why there should be any
- 11 question. It seems to me that if he knows he's got to
- 12 sign it he knows it's got to be credible.
- I'll tell you this as a lawyer that when I sign
- 14 a pleading in court I want to make sure that it has what
- 15 I wanted. There have been pleadings that I have, even
- 16 though I've been co-counsel in cases, there have been
- 17 pleadings that I have refused to sign because it didn't
- 18 have what I thought it should have.
- 19 And it seems to me the accountant will have to
- 20 make sure that he believes in it before he puts his
- 21 signature. He's not going to put his signature on
- 22 something that he has any question with. He's just not

- 1 going to sign it.
- 2 CHAIRMAN HARRIS: Are there any final closing
- 3 comments that Board members would like to make, then I'll
- 4 just make a very brief one? No? Well, in that case I
- 5 want to thank everybody for what I considered to be an
- 6 excellent meeting.
- 7 We very much appreciate the leadership of the
- 8 working group members, all the members on the working
- 9 group, the entire membership of the Investor Advisory
- 10 Group, and I personally especially want to thank Nina
- 11 Mojiri-Azad and Tope Folarin.
- 12 Pete, you hit a home run. You mentioned that
- 13 this is not possible without really extraordinary staff
- 14 support. And I'm very lucky because I've had that
- 15 support. And so Nina, wherever you are I want to thank
- 16 you. And Tope, I want to thank you.
- 17 And Joann, you set the marker and I can think
- 18 we're carrying the ball forward with respect to our
- 19 Investor Advisory Group. So thank everybody for
- 20 participating.
- 21 (Whereupon, the foregoing matter was concluded at
- 22 5:06 p.m.)

	ACAD 260-10-20	211.12 215.11 10	126.19.220.22	205.0
A	ACAP 260:19,20	311:12 315:11,18	126:18 230:22	285:8
aah 180:16	accept 44:6 47:7	318:7,10 319:10	279:2	addresses 202:7
abdicate 210:7	224:13	319:14 321:7,10	activities 70:6	addressing 65:11
ability 15:17 60:17	acceptability	accounts 310:1,1	activity 98:20	107:19 205:6
105:7 122:5 130:7	246:15	accredited 316:5	147:2 246:11	adds 281:5
183:21 185:17	acceptable 215:14	accrual 82:7 99:10	277:5	adequacy 15:14,16
193:21 195:12	access 14:21 15:12	accruals 59:21 60:2	actors 252:14	15:19 16:6 60:10
205:1 228:5,21	38:4 178:21	81:18,22 88:3	271:17 273:14,16	311:13
232:19 296:19	305:14	94:20 95:3,8	302:15,16	administers 50:10
301:17	accessible 89:17	accuracy 14:8	actual 10:18 23:6	administration
able 7:6,9,14 10:12	accompanies 19:4	151:7	69:5 70:4 126:2	96:2
16:4 33:16 39:4	accomplish 102:1	accurate 26:19	140:7 143:13	administrative
72:20 95:5 100:8	230:15	76:16 150:3 270:5	160:12 176:20	191:2
113:4 115:14	accomplished	achievability 99:6	178:21 182:21	ADNA 269:5
117:2 118:21,22	207:9,10	achieve 266:5	201:22 224:15	adopt 273:4
125:13 126:8	accomplishments	298:5	244:11,15 245:1	adopted 9:12 179:8
127:9 133:21	14:5 112:14	achieved 61:11	256:8 287:2	230:20 235:13
136:14 137:8	account 311:12	98:17 264:15	ad 181:1,7	236:19 314:15
144:5 176:18	accountability 23:7	achievement 99:3	adage 77:14	adopting 102:14
178:21 180:20	23:13 39:5 228:18	achievements	add 30:5 71:17	206:2
182:3 183:2,3	229:9 263:10,12	15:10	75:3 114:19	adoption 205:18
184:13 189:20	264:7 280:16	acknowledge	137:22 197:21	ads 180:13,17
194:4,5 196:6	299:21	213:20	198:14 233:22	advance 20:6 111:6
197:6 204:9 205:1	accountable 66:10	acknowledged	237:8 265:6	149:14
214:9 223:22	67:8 248:16 263:4	221:8	285:18 307:22	advancement
229:7,11 242:18	Accountancy 287:4	acknowledging	added 106:8	199:5
244:16 272:11	accountant 2:4	61:5	adding 30:9 118:7	advantage 85:17
279:15,16,17	30:3,4 171:4,16	acquisition 4:8	146:21 249:17	181:5
299:20 305:5	233:10 323:19	92:1 171:17 175:8	281:2	advantageousness
310:7 317:7	accountants 87:14	act 14:1 177:9	addition 10:11	314:18
abnormal 81:18,22	233:13	182:3 229:8	16:14 38:7 81:21	advantages 10:12
82:6 94:20 95:3,8	Accountant's 10:8	231:17 252:14	115:6 131:2	advertising 314:16
abnormalities 85:3	accounting 1:1 6:5	314:14,19 322:21	180:15 225:8	advice 14:13 18:8
abroad 112:3	14:21 38:9 55:7	acting 209:11	271:22 285:20	advise 183:2
absence 32:17	77:13 81:4 82:1	action 73:4,8	300:2	advised 24:2 39:18
absent 30:16 300:7	82:20 83:5,12	116:17 118:14	additional 48:20	270:14
absolute 177:8	102:14,15 103:1	119:7 120:8,11	114:10 237:5	advising 227:12,12
absolutely 85:16	145:16 169:5,8	125:8,14,19 126:1	256:7 265:9 266:8	Advisors 1:16
89:4 102:5,6	172:20 178:20	133:15 145:5	268:10 313:19	advisory 1:3,10,12
157:1 174:19,19	179:22 181:7	278:12,13,14,19	address 27:18	2:2 4:12 6:4 8:13
220:17 309:2	188:17 192:4	278:21	55:22 124:9 125:7	14:11 20:5 29:6
abuses 315:18	200:12 207:19	actionable 280:1	127:11 133:21	31:8,22 35:17
academic 81:19	230:13 233:9	actions 14:15 24:5	136:8 137:6	68:3 70:18 108:10
89:13,18 90:10,12	236:12 253:11	48:14 73:6 75:13	155:12 284:12	111:15 163:8
103:17 109:1	261:4 276:19	125:22 126:3	290:22 322:10	182:8,16,22
115:10 302:16	280:22 290:4	144:21	addressed 19:16	186:20 187:1
academics 117:22	309:21 310:8	active 114:7 124:10	116:10 247:15	259:15 260:15,21
			-	-

305:20 324:9,19	81:11 83:21,22	altered 156:11	and/or 23:22 89:10	121:18 302:13
advocacy 29:13	86:1 89:13 99:15	alternative 216:11	182:16	ante 82:3
advocate 133:19	130:8 143:5 148:4	Alternatives 28:22	anecdotally 177:16	anti 188:17
256:7	148:8 157:12	altogether 250:12	anecdote 100:18	anticipate 16:4
Affairs 15:2	174:4 219:5	256:17	233:22	20:2 261:10
affect 283:15,16	220:21 265:16	amazing 178:20	Ann 2:6 3:14 4:22	anticipated 65:5
287:6	266:18 267:2	ambitious 109:22	5:7 22:12,19 26:9	anticipated 03.5
affiant 158:6	269:4 277:6	109:22	28:2 29:15 145:7	anticipation 130.11 antidote 155:20
affiliate 45:8 47:11	282:22 284:15	America 1:23 8:6	145:12 150:5	anti-deficiency
affiliates 47:9,10	316:15 317:13	29:10,18,21 51:19	154:7 231:5	204:19
affordable 214:15	318:3 322:16	66:3 131:13	232:12 233:4	Antle 218:3
AFL-CIO 1:24	agreed 22:7 51:13	263:22	245:4,18 259:6	anxiety 156:8
274:9,10,11	51:17 52:7,8	Americas 52:14	261:19,20,21	anxious 156:10
Africa 51:18	163:10	America's 57:19	263:1 280:13	185:13
aftermath 225:4,14	agreement 157:13	AMERITRADE	302:11 312:18	anybody 81:20
afternoon 6:21	agreements 15:20	1:21 28:15 148:14	322:5	161:3 294:12
aged 112:21 126:5	16:2,15,18	amount 23:9 35:11	Anne 1:25 29:19	anymore 199:22
agencies 87:12	ahead 56:7 102:6	44:20 45:4,6	90:19,20 93:7,13	278:7
311:19	237:16 294:7	59:14 60:21 61:16	109:18 178:10	anytime 205:10
Agency 201:12	298:20	64:1 69:8 90:12	209:13,20,20	anyway 92:4 149:7
agenda 13:2,14	aimed 251:3	99:19 273:2	210:6 211:21	248:8 250:13
19:18 20:1 30:12	ain't 219:21 220:19	analogies 281:10	229:17 230:1,8	APAC 53:3 57:20
30:14 63:9 184:2	alert 17:12,14 18:4	analogy 69:18	245:17 247:5	76:10,13 90:6
227:20 260:22	207:5	190:16 281:16	252:9 261:1	apart 153:3
284:4,6 323:4	Alerts 17:18 18:1	analyses 61:10 62:4	262:21 284:2	appeals 151:15
agents 284:18	alien 284:10	89:15,19 90:7	311:8	appear 123:2
age-old 104:19	align 107:22	analysis 2:18 31:16	Anne's 142:5	166:19 291:11
aggravation 280:19	aligned 107:5,12	87:21 88:7 104:21	210:18 278:17	appearing 243:10
aggregate 47:5	allegations 91:19	107:13 109:16	anniversary 13:22	243:14
aggressive 197:13	allegedly 280:22	111:1 113:2,4,5,9	14:2	appears 137:5
240:22 304:4	Allen 288:20	122:1 127:5	announced 30:16	applaud 84:17
aggressively 108:8	allocation 70:5	129:21 132:19	annoyance 173:16	143:6
253:11	255:5	133:13 134:15	173:22	apple 169:15
aghast 317:19	allow 10:6 15:19	268:12 302:17	Anns 261:22	apples 96:12,12
agitation 171:22	16:9 45:14 47:19	analyst 50:10 81:7	267:18 275:16	applicable 65:9
ago 26:7 30:16	61:17 117:17,18	139:9	annual 6:4 14:4	application 232:19
96:18 130:10	148:17 184:10	analysts 54:18 55:2	40:9 94:13	applied 96:10
153:20 164:22	274:6	55:6 71:21 89:15	annually 264:17	applies 122:15
165:1 174:16	allowance 60:12	141:19 269:20	Ann's 273:20	183:7
219:22 263:7	62:5	319:4	anonymous 283:11	apply 8:17 43:4
291:1 307:16	allowances 60:11	analytical 61:15	answer 35:2 43:2	281:17 282:6
314:6	allowed 16:1 310:6	analyzed 41:14	63:14 77:2,6 87:7	appointing 182:15
AGR 82:6	allowing 275:1	42:3 90:9 112:22	89:9 90:22 227:19	appointment 40:10
agree 44:6 51:10	allows 115:19	313:15	252:15 274:17	183:10
52:3,11 57:2,7	215:21	analyzing 27:6	275:1 305:5	appreciate 6:7,16
58:15 61:22 64:12	alluded 135:10	232:21	answerable 250:17	7:18 8:3 12:17
67:16 76:20 80:18	197:22	Andersen 222:12	answers 85:8	22:9 32:6 37:4
	•	•	•	

	1	1	1	
38:17 71:15 84:14	146:8 203:18	aspect 42:10 46:5	assure 126:18	33:3,11 34:13
131:1 246:22	223:3 236:8 237:6	aspects 64:8,14	155:3,5	35:8 36:8,11,11
262:7 290:21	255:13	72:13 116:3	attached 283:12	36:16,19 37:3
312:16,20 313:1	arguably 209:5	267:15 318:6,18	attempt 69:21	39:2,3,6,7,11,12
324:7	320:7	319:8	120:22 206:9	39:16,18 40:1,3
appreciated 316:13	argue 188:14,15	aspire 216:8	attend 7:6,9	40:11,12,15 41:1
322:14	240:3 243:2	assertion 267:22	attendances 7:18	41:2,5,11,18,21
approach 11:9	argued 242:8	assess 45:15 99:6	attending 7:17	42:10,15,15,17
43:21 66:6 109:14	arguing 279:8	125:18 175:18	21:17	43:10 44:11,14,17
112:5,6 114:14	argument 43:14	184:13 232:19	attention 6:15	44:21 45:1,2,5,7
116:21 128:1	280:3,7 287:8	249:2	21:13 110:16	45:20,22 46:1,8,9
236:12 239:21	299:3,9,11,13,14	assessed 47:21	134:11 138:22	46:10,12,14,17,18
240:21	arguments 268:6	170:2	139:9 157:21	46:20 47:1,2,10
approaching 294:9	276:10	assessing 17:15	188:9 261:14	47:14,20 48:1,12
appropriate 62:10	arisen 256:22	68:15 183:15	262:18 272:1	48:12,13,16,16
78:5 182:14 213:3	arises 97:21	197:19 216:17	294:10,13 310:17	49:3,5,6,7,21 50:1
216:22 231:7	armed 213:2	233:12 282:13	attenuated 239:14	50:6,21,22 51:3,4
264:13 265:19	arming 271:17	assessment 59:13	attitude 207:12	51:9,11,12,14,21
320:4	arms 79:2	78:7,8 112:17	attorney 120:18	52:4 54:19 56:14
appropriately 68:3	Arnie 187:2	125:6 145:15	275:9	56:19,20 57:9
appropriateness	arrangements 15:6	147:18 217:8	attorneys 270:18	60:6 64:20 65:12
153:14	16:18 149:5	238:8	attract 194:7	65:13,14,17 66:17
approval 256:6,10	arsenal 313:20	assessments 60:9	215:17	66:18,19,20,21
approve 178:13	art 171:6	81:11 84:4	attracting 171:17	67:1,5,8,9 68:18
approving 236:22	Arthur 222:12	assets 60:12 61:1	172:9 202:16	69:12 70:16 71:1
April 259:12 260:3	article 138:21	62:5 72:10	attributable 243:8	72:17,18,22 73:8
AQI 33:2 115:21	articulate 107:16	assign 23:13	attributes 214:20	74:14,14,19 75:5
136:21 199:6	articulated 13:16	assigned 49:3,21	291:12	75:20 78:6,8,9,11
AQIs 31:12 107:21	302:11	155:6	audience 138:17	78:13,13 79:1,14
arbitrary 153:18	Asia 74:11	assisting 230:11	139:3 220:4,7,11	79:16,19 80:4,14
architects 285:18	Asia-Pacific 51:16	associated 58:2	audiences 117:16	80:15 82:12,15
area 11:4 18:10	aside 205:22	69:6 103:3 124:14	audit 3:8,10,13,17	84:5,21 86:12
19:10 25:16 67:6	asked 14:20 17:6	188:21 192:21	4:4,13,21 5:9 9:7	90:22 91:12 92:15
76:8 107:3 108:7	32:1 51:8,22 54:2	268:5 275:4	9:13 11:6 13:6,8	93:3 95:2,8,10
124:3 129:4 130:3	57:14,16 64:8	286:22	14:10 15:6 16:2	96:6,8,21 97:22
164:1 197:17	84:10 91:9 93:10	Associates 2:1	16:21 17:9,11,12	98:13 100:22
202:21,21,22	160:18 174:14	28:11	18:1,16 19:1,5,15	101:1,7,13 102:21
230:22 237:4	198:15 269:19	assume 53:2 120:1	20:14,16,17 22:3	105:4,7,13,15,16
246:4 247:1	281:17 295:5,9	120:4 184:1	22:7,13 23:4,5,6,7	105:17 106:16
255:20 271:16	297:10,15 322:8	assuming 150:1	23:11,12,14,16,17	107:6,10,10,18,19
284:1 295:17	asking 53:2 89:22	164:10	23:17,19 24:2,3,6	109:12,16,17,20
310:18	100:5 146:9	assumption 290:7	24:6,8,11 26:12	110:1 111:2
areas 14:14 17:10	150:12 208:3,19	assurance 85:7	26:17 27:3,5,10	114:13 117:4,19
27:7,17 44:14	219:17 247:9,13	152:5 168:9	27:11,15 28:14	118:6,8 126:12,21
56:17 120:1 127:3	254:6 269:22	197:12,14 198:8	30:22 31:7,9,11	128:17 129:1,4,5
129:5,6 133:1,12	274:15 313:20	199:2	31:13,20 32:9,10	129:9 130:12,15
137:19 145:19	asks 56:4	assurances 201:13	32:11,11,13,18,19	131:17,18 132:1

122.22 122.12	220.4.7.10.12	201.7.202.21	200.9.201.2	1241- 10-11-10
132:22 133:12	229:4,7,10,12	301:7 303:21	200:8 201:3	auditor's 18:11,18
136:13,19 137:1	230:9,10,15,16,17	304:8,11,14,16,22	204:22 205:3	24:4 39:20 58:1,4
137:12,17,18	230:19,20 231:3,8	305:4 306:3,4,11	214:2 215:4 230:9	66:11 145:15
140:10,13 142:5	231:9,11,12,13,14	306:13,14 307:19	230:16,19 233:10	238:7 254:9
143:13,14,15,21	231:16,18,20,22	307:20 308:9,19	235:4,17 237:1	264:21 268:12,21
146:6,12,14	232:10,14,17	308:22,22 309:1,3	238:11 239:16,19	288:10
147:15,18,21,22	233:3,17 234:11	309:11 310:8	240:10,15,16,18	audits 13:11 23:20
148:1 149:12,15	234:13,17,18	312:5 313:8,9,17	248:4 253:6,10,13	23:21 36:22 39:15
149:18 150:8,10	235:3,5,8,16,19	313:19,20 316:15	253:16,18,20	40:7 45:16,18
150:19,22 151:17	235:20 236:9,10	316:17,21 317:7,8	255:22 256:16	47:21,22 49:22
151:18 152:13,20	236:11,12,14	317:12,12,14	262:1,6,11 263:18	50:2,4 59:8 68:13
153:1,3,12,21	237:2,8 238:6,11	318:2 319:2 320:3	265:17,20 269:12	72:4 73:14,14
154:6 156:16	238:15,18 239:3,7	320:8,11,19,22	269:22 270:8	74:8 75:16,16
157:19 158:5	239:8,11,15,21	321:5,12,13,17,20	272:18 273:6,8,22	78:20,20 96:19
159:21 161:21	240:4,14 241:6,18	322:10,17	276:14 287:21	104:21 107:14
163:4,6 165:2	242:14 243:13	auditable 99:10	288:5,6 289:7,18	111:21 127:12
166:19 167:2,5,17	244:2,5 245:6,9	audited 109:17	290:3,5,18 291:3	129:12,13,15,21
167:17,22 168:1,3	246:2,8,15,20	174:15 321:10	291:8,17 292:11	130:11,12 131:22
168:7,14,15,16,20	248:12,22 249:1	auditing 30:18,19	293:4 295:22	132:15 141:7,13
169:4,9 170:1,3	249:10,13,16,18	83:13 123:12	296:12,19 297:4,5	143:16 152:15
172:15 173:12,13	252:13 253:3,12	143:4 171:9	303:10 313:3	164:9 183:8 209:1
174:18 177:1,3,8	254:5,8 255:10,14	172:19 173:7	321:3,9	211:21 212:3
178:8 180:8 182:5	257:10 258:9	175:5 189:21	auditors 17:21 18:2	230:14 290:3
182:8 185:3	259:9,11,17,17,19	194:12 214:21	18:3 19:3 26:16	310:12 311:2,12
187:15 188:3,7,14	259:20 260:18	232:21 233:18	33:14 40:9,10	316:21 318:15
188:20 189:20	261:1,9,16,16	238:1,2 247:4	48:19 50:4 65:11	320:13
190:4,8,16 192:3	262:3 263:2,22	260:21 270:9	66:7 73:4 75:14	audit/client 215:14
192:16 193:17,18	264:3,9,14,18	287:21 289:12	92:16 99:5 117:21	August 19:8 235:13
195:17 196:18,21	265:1,14,21 266:1	292:4,9 299:4	146:9 161:1	Australia 276:22
197:9,12 198:1,17	267:6,11 270:8	321:4	173:14 174:15	author 317:10
198:18,19 200:6	271:14,21 272:4,5	auditor 2:12 3:13	178:15 179:8	319:9
200:21 204:1,7	272:7,13 273:13	4:6,21 5:6 18:16	180:1,7 199:2	authority 27:14,16
207:4 208:3,6,9	273:15,16,17,22	18:18 20:17 22:12	202:13 208:16,20	182:16 212:10,18
208:11,12,22	274:4 275:11,13	27:10,14 33:13	215:19 216:18,20	213:1 228:6
209:11 210:4,17	275:13,17 278:19	48:17 50:5 73:8	217:4,14 233:14	229:15 232:2
211:11 212:19,22	280:17,18 281:1	74:18 75:9 80:15	233:18 234:12,12	240:9 246:13
213:2,5,5,8	282:11,17 285:14	82:15 85:6,11	235:8 240:12	282:16
214:14 215:1,7	286:1,11,12,21	88:9 91:15,17	246:1,2 247:11,19	authors 178:21
216:1,6,13,20	287:9 288:4 289:3	92:2,4 101:1,6,8,9	248:16,22 259:18	179:17
217:1,21 218:6,14	290:6,8,8,11,13	101:10,11,14	259:18 260:17	automatically
218:18,19 220:4,8	290:15,17 291:2,7	109:15,20 121:15	261:9 262:9	199:18
220:12,16 221:1	291:8,11,14,16,21	147:19 158:19	263:15 266:16	available 51:6
224:3,6,15,16,19	292:1,5,19,22	159:4,9,11 165:14	268:10 276:9	86:14 90:7,8
225:9,12,16,20,22	293:2,3,10,14,17	165:19,21 171:3	279:17,18 285:22	96:11 122:5
226:8,17,17 227:5	295:4,14 297:3,7	171:15 178:13	288:15 299:11	147:17,20 152:19
227:13 228:11,13	297:14 298:6,15	179:15 189:11	301:22 306:7	154:3 218:11
228:15,17,18	300:10,12,15	193:8,9 194:21	307:14 317:5,6,6	231:11 271:5
•				

		l	10-4-10-11	l ,
279:6 303:7	168:21 173:2	324:18	185:22 186:3,4,7	45:3 46:3,11
avenues 195:10	175:15 180:12	Ballroom 1:10	213:6 241:21	52:14,19,22 58:17
average 46:16,17	187:11 189:16	bang 164:16	242:2,4 290:6	59:9,22 60:1,15
48:15 49:1,20	190:20 191:17	bank 43:12 101:9	Baumann 2:12	74:16 80:18 84:5
135:2 139:9	194:1 209:1	263:22	237:12,17 290:19	86:3 98:17 102:13
avoid 26:7 153:17	215:10 229:18	banks 311:13	292:14 293:12	104:22 107:17
155:17 157:17,19	232:1 234:19	banned 257:20	296:15	112:21 123:12
252:8 274:22	248:2 251:1	bar 136:14 146:17	Baumann's 107:8	126:21 145:22
298:9	252:12 257:12	160:10	bean 193:8 194:21	151:12 172:5
avoided 121:17	258:12 260:8,12	Barb 74:13 201:7	bear 57:9 161:2	177:20 192:5
298:5	266:7 269:21	Barbara 1:22	Becker 1:15 22:10	194:9 225:14
avoids 289:17	274:9,20,21	22:17 29:8 66:1,2	29:2,2 163:11	229:1 275:13
await 37:15	275:22 280:11	67:13,15 71:15	192:9 197:21	288:6 291:19
awake 76:9	282:6,10 284:19	76:4 91:1 98:18	218:8 304:1	310:13 313:16
aware 20:12 75:15	284:22 285:14	131:9,12 135:10	becoming 153:17	323:1
145:11 205:9	288:12,15 297:21	161:6 162:4 164:7	172:19 175:16	believes 23:15
207:11 208:4	298:16 300:18	178:4 248:19	192:16 193:6	240:6 323:20
277:18	302:1 308:5	257:11 282:21	195:17 264:6	benchmarking
awful 230:5	315:16	320:1	315:22	35:1
awfully 103:20	background 34:10	Barbara's 65:21	began 88:3	bend 249:5
awkward 248:14	90:1 166:3,4	Barb's 87:13	beginning 14:12	beneficial 67:2
A-F-T-E-R-N-O	168:11 189:9	bargained 303:13	26:2 53:21 72:2	267:15
163:1	200:5 207:1 233:6	barred 75:14	100:13 130:3	beneficiaries 33:6
A.C 2:1 28:10	263:8 265:10	barriers 218:21,22	192:17 244:22	229:6
a.m 1:12 6:2	backlog 113:16	bars 34:19	251:9	benefit 33:15 37:7
110:12,13	138:3,6 151:13,14	based 24:11 59:5	begins 124:6 151:22	37:9 40:11 67:7
A/B 162:3	backs 53:20 backwards 210:22	59:16 60:2 81:10 81:11 85:14 115:3	behalf 30:8 37:5	109:8 228:4 295:17 321:11
B	bad 169:17 170:19	130:10 133:14	111:17 230:6	benefits 37:3 105:8
b 130:14,15 319:19	174:11 205:14	159:6 168:7	312:22	262:7 277:13,16
baby 171:12	219:6 257:21	187:17 196:8	behave 222:2	283:20
173:11	258:13 276:12	202:15 205:21	283:10 285:4,5	Bernie 174:3
babysit 180:11	277:10 280:8	267:11 268:14	behavior 68:9,9,10	
back 12:7 17:5	319:19	286:9,10 287:8,20	68:15 100:19	95:3,7 134:21
38:21 47:17 54:6	badly 107:15 155:7	287:21 305:15	101:15 170:18,18	169:3 175:14
57:1,13 63:2	balance 25:22 99:1	308:21 309:7	174:12 186:11,16	203:20 205:14
68:21 71:18,22	135:15 165:7	basic 143:3 169:4	206:1 222:4 285:3	217:4 252:14
74:13 77:2,20	190:7 248:18	178:5 271:19,20	285:5	316:22
78:4 93:7,22 94:8	balanced 34:20	285:14	behavioral 100:3	better 18:9 33:8
96:17 110:12	35:5 134:18	basically 100:21	109:3 253:19	49:5 54:5 64:15
118:21 124:11	176:16	223:3 288:18	278:14	76:13 82:6 86:15
128:2,4 131:8	balances 135:22	304:11	beings 272:8	92:21 93:3 102:12
134:13 138:8	balance-sheet	basis 6:14 61:11	belief 102:8 286:11	104:6 105:4 122:2
140:17 143:14	69:18	64:20 84:6 89:6	believe 19:3 23:18	128:18 129:2,6
152:1 155:13	balancing 165:4	98:7 121:11 129:3	29:21 35:2 39:1	131:10 143:6
160:20 162:9	189:22 245:13	129:3,4 154:12	41:1,8 42:2,4 43:3	150:11 152:13,20
164:6 167:19	ball 87:22 164:22	157:20 158:4	43:6,16 44:10	156:1 172:11
	•	•	•	•

173:7 203:4 204:3	bizarre 247:10	222:11,20 223:5	7:10 93:16 110:8	brings 49:6 121:22
207:13 236:1	black 288:10 289:2	230:12 250:15,15	110:9 161:7 162:2	159:9 211:20
266:19 273:22	289:4 301:10	250:19 263:7	210:14,16 250:18	broad 33:6 34:10
275:10 298:13	310:4	265:19 270:21	251:12 252:1	42:7 276:7
302:7 306:17	BlackBerrys 6:12	285:21	260:8 261:13	broader 128:12
313:20 321:15	blatant 315:17	Board's 14:5 19:7	breakdowns 17:12	broadly 302:1
beyond 107:1	blend 165:16	31:22 67:21	breakfast 188:11	broken 247:7
139:14 197:17	blogs 283:12	150:10 188:9	breaks 6:17 229:20	broker 247:18,22
228:5 232:2	blow 171:20	189:3 198:17	breakthrough	248:17
269:17 290:21	blown 281:1	249:4 322:4	16:12	broker-dealer 9:11
302:14	board 1:1,14 2:9,10	Bob 7:3 22:17 29:5	brethren 168:4	9:13 202:21,22
bid 195:21	2:11 6:5 8:10,18	102:5,7 232:10	Brian 2:15 7:16,17	broker-dealers
bidder 195:22	8:20 9:5 10:9,16	234:6 309:14	7:21 21:9 30:2	202:4
bidding 218:22	13:3,16,17 14:14	320:20 321:22	34:2 62:22 63:20	brother 234:2
219:3	14:15,20 17:6,20	bodies 4:14 100:7	89:21 112:8	Brotherhood
big 13:13 26:22	17:21 18:14 19:11	270:14	209:15,16 212:10	241:16
76:15 80:2 97:8	19:13 20:6,8 21:9	body 99:17 160:16	232:1 234:19	Brothers 101:10
97:12,13,13,17	29:6 31:8,15	183:13 250:2	238:14 245:17	brought 48:6 113:1
100:7 101:5,7	70:10 82:19 89:10	257:19,22 258:7	294:17 296:22	136:22 258:19
133:16 138:14	94:16 97:4 108:10	276:15 281:17	Brian's 71:18	260:3 294:10
176:18 208:12	110:4 111:6 112:9	284:20 300:19,19	249:5	buck 164:17
218:10 219:11,11	112:18 113:1,6,12	321:1	bricks 61:7	bucket 247:18
220:1 221:7	126:9 128:20	body's 300:18	brief 8:11 9:3 12:19	budget 112:10
250:14 272:5	134:5 135:12	bogeyman 276:2	20:19 22:2 24:18	181:10 219:15,16
275:17 278:21	145:17 146:21	boilerplate 252:21	32:2 60:18 96:17	Buettner 1:15 7:3
311:16 312:12	150:15 182:21,22	273:8 319:1	111:7 162:6	29:22,22 102:4,7
318:22	186:18 193:18	bold 312:21	254:22 275:12	102:7 205:4 266:6
bigger 314:3	198:4,7,7,9,16	books 121:4 171:12	324:4	266:18 309:15
biggest 95:12	203:13,22 207:8	175:5	briefer 127:17	build 55:18 249:14
156:21 209:6	222:14 226:7	bother 247:17	briefly 8:13 26:9	built 185:16 191:13
253:13 316:2	230:21 231:1,4	bottom 293:9	38:22 281:8	304:9
Bill 288:20	234:16 235:7,10	bought 69:15	284:13	Bullard 1:17 5:11
billable 47:18	235:13 236:20	bound 284:10	bright 277:3	7:3 22:14 29:12
billing 46:16	237:1,5 239:22,22	box 304:14	bring 21:13 38:10	29:12 86:18,19
billion 319:4	240:3,6 241:1	BP 29:18	49:7 50:4 57:5	238:17 252:11
binder 236:7	242:20,22 243:3	brainer 323:9	97:18 120:2,7,11	277:7,8 295:20
binding 180:2	258:2,3,7,9,11,11	brake 182:3	126:8 144:20	314:1
bit 43:17 50:7 54:9	258:14,17 261:6	branches 43:12	145:4 154:3	bullet 177:13
57:10 82:17 95:18	262:19 263:8	brand 79:21 315:4	159:13,14,15	bully 187:7 195:11
119:7 123:17	276:17 281:9	315:8	161:1 201:5 222:2	199:15
127:12 147:5,8	282:20 284:1	Brandon 1:15	261:3,13 294:11	bunch 81:19
184:18 187:12	286:6 287:4 294:4	22:10 29:2 163:11	294:13 296:6	159:11 223:4
188:11 193:1	294:10 303:10,20	166:3 192:7 218:5	bringing 112:17	275:20
197:8 232:2 234:7	305:12 312:20	230:4 303:18	114:1 119:6	burden 92:9
238:19 239:1	316:10 322:10	Brazil 16:16 208:8	154:18 233:16	burgeoning 257:22
240:19 299:17	324:3	208:10,14	251:1 258:13	258:7
302:2 317:22	boards 182:16,16	break 3:20 5:16	259:11	Buser 1:18 4:7 7:3
	-, -			
	1	1	1	1

22 10 20 1 1	4510105000	1 65 20 205 15	l a 100 a	02 20 22 05 22
22:10 29:1,1	4:5,13,18 7:3 22:6	cards 65:20 207:15	Cass 109:2	83:20,22 85:22
84:16 134:14,14	24:19 28:19,19	211:1 261:20	cast 178:12 248:1	86:7 89:5,12
152:22 166:11	135:7,7 163:9,14	306:6	catch 138:22	93:18 103:11
193:5 196:10	175:22 180:14	care 10:17 12:10	categories 42:1	106:8,11,21 112:5
304:22	181:18 189:8	105:2 121:14	48:21 67:22 96:21	114:4 125:10
business 4:17 21:17	195:7 200:1 201:7	137:13,14 175:7	97:6 234:9	133:20 178:13
25:22 26:4 42:19	206:3,16 207:14	183:14 209:1	category 42:4	182:17 187:12
50:3 59:20 61:5	210:10,21 211:3	269:8 277:6	48:22 69:4 70:2	188:8,20 192:10
66:6 91:5 92:4	212:12 217:19	career 80:8,10	88:10 97:22 111:3	204:1 212:17
94:13 97:15	305:11	110:20 157:19	caught 143:6,8	213:17 231:14
115:11,13 123:22	calling 58:21	216:4	307:6	234:15 243:1,17
155:3,9 164:4	157:10 172:3	career-determini	causality 103:18	262:5 266:3
165:6 182:1 202:5	247:20	157:16	causation 100:1	277:17 281:20
202:5,13,16	calls 59:9 183:9	careful 83:4 89:19	cause 129:9 130:1	295:1,7 298:14
206:12 207:20,22	CalPERS 1:25	90:8,14 95:9	132:1 169:22	303:9,12 305:19
208:5,13 223:16	90:20 91:13 210:6	103:16,21 105:10	217:7,9	308:4
226:13 227:9,13	311:10	210:5 317:22	causes 129:9	certainty 123:22
240:4 241:20	Canadian 179:1	carefully 10:17	131:17	124:1 126:4
242:3 243:3,5	candidates 35:15	19:10 20:9 44:7	causing 154:18	certified 276:19
247:16 250:14	35:16 68:4	49:12 294:6	cautioned 154:2	certifies 15:16
257:15 258:21	candidate's 256:21	cares 217:2,10	cautious 214:21	certify 317:16
311:20	canter 316:14	Carlyle 1:18 29:1	cave 274:17	cetera 51:6 113:8
businesses 42:20	capability 142:10	Carpenters 241:16	caveat 307:9	127:9,22 148:6
70:18 167:7,9	144:10	carry 15:13 16:9	caveats 189:13	172:21
busts 254:11	capable 122:9	312:12	celebrating 169:2	CFA 38:3 50:8,9,19
busy 6:6 7:10 12:14	capacity 71:9	carrying 305:7	center 236:8	51:6,22 64:2
224:1	capital 1:15 2:5	324:18	centered 27:6	87:10
button 279:12	26:13 28:18 83:8	cart 190:1 191:7,8	CEO 144:6,8 180:9	CFO 29:11 179:15
buy 195:21 306:4	128:16 276:5,8	case 43:9 45:13	221:14,19 257:20	180:9 200:6 217:2
buyer 32:11,20	310:4 311:13	83:19 120:14	258:8	219:14 220:1,1,10
200:19 224:15	capitalized 232:16	121:5 130:16	CEOs 223:6 276:18	233:8 321:18
buying 228:3 318:2	capture 70:11 71:4	140:21 144:14	certain 19:15 31:20	CFOs 179:13,14
318:3	captured 77:6	145:5 155:7,18	36:21,22 48:7,7	219:2,10,20 220:1
<u>C</u>	237:7	157:18 158:3	48:20 64:1 66:5	276:18
	Carcello 1:19 4:11	176:22 208:15	89:18 112:18	CFTC 171:10
C 130:14,15	4:15 22:10 29:3,3	286:14 289:16	133:1,12 154:8	218:21
cake 69:15,15	81:15 103:15	290:14 314:4	188:13 202:11	chain 296:11,12
California 1:25	128:5,10 130:6,9	318:22 324:4	211:18 224:22	chair 7:9 8:2 98:13
29:20	176:14 180:15	cases 73:11 121:12	225:7 243:16	229:16
call 59:17 61:15	184:19 187:10	121:12,13,17	264:17 273:2	chaired 286:6
82:11 158:1	198:14 209:3	123:6 156:15	314:21	chairing 187:1
159:19 161:21	257:4 275:2,6	157:15 209:11,20	certainly 9:21	chairman 1:12,14
179:14 188:22	322:1,2	209:21 225:16	11:21 30:6 44:6	2:8 6:3 8:10 9:1
214:12 229:14	Carcello's 96:18	226:8 233:20	57:2 58:14 63:8	12:8 13:15,15
called 57:18 58:5	card 93:19 119:4	244:11 278:1	64:12 67:17 74:6	15:1 19:19 21:16
63:6 82:1 84:10	128:3 261:18	310:14,15 323:16	76:12,20 80:17,22	24:14 26:8 28:2
Callery 1:19 3:12	294:17 298:16	cash 61:18,19 62:6	81:11,18 82:19	31:6 37:16 56:4

	Ì		I	
56:10 62:13 64:16	252:12	16:11 72:5 274:10	clearly 6:9 56:1	collected 41:10,18
65:19 72:1 76:17	change 81:5 100:19	274:11 276:22	57:22 105:16	42:2,6 241:4
90:17 93:14,22	100:19 101:11,14	310:14,16 311:1	106:20 134:6	collecting 46:4
101:18 102:5	122:13,13,14	Chinese 309:19,22	144:13 145:3	103:11
105:22 108:5,21	135:14 147:14	chips 73:20 211:18	153:22 165:19	collection 40:21
110:9,14,15,19	172:1,15 220:19	211:19 219:8	170:18 177:21	41:6
119:21 123:16	221:8 222:4	choice 194:10	179:3 188:2	collective 278:19
134:1 144:22	224:11 248:18	203:10,10	204:14 218:4	278:21
154:11 158:7	250:5 253:3	choices 59:15,16	230:10 239:22	collectively 272:16
160:15 161:3,6	254:15 285:3,6	202:14,22 245:15	242:11,15 253:4	303:12
162:1 163:3 186:1	changed 101:9,10	choose 136:17	269:12 291:1	color 137:8 141:15
192:10 195:1	186:11,15,16	193:22 271:18	clear-cut 221:4	Colorado 285:18
210:12 211:1	206:1 207:12	chosen 20:10 68:17	click 244:10 279:11	287:3
212:9 229:15	231:14 257:16	83:14 128:20	client 42:15,18,20	Colorado's 93:11
231:4 237:11	changes 50:22	185:21	66:9 69:22 80:11	combination 133:9
245:17 247:5	115:2 127:10,21	CII 145:11	82:20 177:6 179:7	combinations
248:19 250:22	155:3 171:13	CIO 269:20	179:8,9,9,13,14	279:12
251:5,8,11,14	191:17	circumstance	179:21	combine 81:9 86:9
252:10 254:19	changing 86:5	32:10 104:22	clients 17:2 75:20	105:1
257:2 259:6 260:5	174:21	circumstances 8:4	80:6,9 83:7 91:12	combined 59:19
260:5,14 262:21	channel 285:11	113:20 255:22	92:7 96:8 202:17	319:14
266:12,22 267:20	characteristic	297:6	208:1,2,2,17,17	combining 84:5
268:20 270:11	60:15	cited 227:7	215:6,13 216:1,19	come 9:22 14:12
275:18 277:7	characteristics	Citigroup 43:11	227:13 228:20	25:1 37:10 47:17
280:9 282:21	39:8 105:19	citing 307:17	229:12 255:10	57:1,13 66:5
284:2 285:12	211:13	civil 281:15	318:21	69:16 71:18 72:16
293:20 303:17	characterize 69:11	clarify 45:18	clip 113:22	74:16 76:5 79:10
304:21 305:10,19	characterizes	class 42:22 207:4	close 7:18 102:11	102:11 107:6
306:14 307:4,6,21	129:15,17	283:7	173:19 176:19	109:10 114:3
308:15 309:14	charge 169:9	classes 77:13 316:6	197:22 213:12	128:4 134:13
311:8 312:18	271:20 272:3,7,13	clean 165:18 205:1	223:1 238:13	141:4 144:7
313:22 316:8	chargeable 46:17	286:12	277:2 281:16	154:11 176:7
320:1,20 321:22	charged 44:12	clear 30:21 43:1	closed 301:11	179:19 182:9
322:7,16 323:5	chart 88:3 195:15	48:9 49:8 57:4	closely 65:2 149:20	183:6 193:15
324:2	196:3 243:12	81:12 85:9 86:11	184:22 198:21	205:11 220:22
chairs 213:6 231:4	charter 244:3,11	122:12 153:7,10	closer 83:17	221:2 229:4
challenge 60:3 62:9	Chartered 50:10	154:14,17 160:21	closing 5:20 106:1	253:18 255:22
83:11 169:18	cheaply 208:7	161:19 167:5	312:4 324:2	259:16 268:3
234:14	check 304:14	169:17,20 179:21	code 162:7 185:3	280:11 285:22
challenged 107:22	checked 287:3	188:10 189:6	185:18	317:3
201:15 281:22	checking 6:12	248:7 261:6	codes 42:22 182:20	comes 49:19 68:15
challenges 32:9	chief 2:4,12 10:8	275:21 279:9	cohorts 277:18	74:7,11 78:11
259:4	28:14,21 30:3,3	315:4 319:12	collaborative 7:19	79:17 80:3 114:22
challenging 83:16	276:18 284:19	cleared 113:16	collapse 310:2	146:3 156:22
107:3 171:5	Chile 16:16	126:5 clearer 57:17	colleagues 206:14	160:17 164:6
244:12 chance 117:7 160:5	chime 232:13 China 15:13 16:7		311:7 collect 61:14	171:16 176:11 202:10 211:16
Chance 117.7 100.3	Ciiiia 15.15 10:/	clearing 151:13,14	Conect 01.14	202.10 211:10
			l	l

228:2 231:12	comments 9:9 12:4	232:17 233:3,17	292:5 313:19	235:5,11,16 237:2
232:1 233:1	12:20 19:11 72:1	234:10,13,17	316:18,21 317:8	237:19,21 238:11
234:10 281:2	77:5 81:14 83:21	235:8 236:10	committee's 150:22	238:15 243:10
290:22 321:9	84:14,20 90:17	237:9 238:15,18	210:17 321:20	246:2 259:9,20
comfortable	99:14 106:1	239:3,9,12,17,21	commodification	292:5
135:12,15,21	111:12 128:5	240:14,17 241:6	227:1 271:14	community 54:5,12
136:5,17 160:9	134:15 141:17	241:18 243:13	commodities	54:14,15 109:18
283:18	146:12 149:2	244:2,5 245:6	223:14,17,19	257:15 258:22
comforted 106:5	152:1 164:6 211:5	246:8,15,20 249:1	commoditization	companies 23:21
comforting 106:2	212:16 214:2	249:1,18 253:12	192:20 193:2,6	23:22 29:7 33:9
coming 7:22 9:16	217:17 232:8	254:5,8 257:10	195:5,19 196:19	36:20 72:15 92:22
15:20 20:2 25:7	237:15 252:12	258:10,17 259:20	197:9 219:4 253:2	96:19 101:5
77:20 78:18	261:7,7 263:16	260:21 262:4	306:8	102:13 141:7
100:16 104:16	275:7 277:8 294:5	265:14 273:15,16	commoditized	143:14 170:8
127:7 128:2	295:12 298:13	274:1 286:7 288:4	174:18,21 192:16	179:1 195:20
149:12 150:19	316:14 324:3	290:11 291:9,14	192:21 219:7,8,9	214:7 216:14
168:9 171:15	Commission 2:16	293:1,2,10,14,17	220:20 224:18	224:10 231:16
191:2 252:12	8:7 10:5 30:7,9	296:6 298:7	commodity 200:21	233:13 241:5
259:10 316:16	62:22 73:5,10,10	306:14 317:7	211:11,12,16	245:15 255:9
comma 264:2	178:2 191:5,9,19	321:1,5,12	214:7,11,22 215:1	284:16 302:18
commend 202:1	218:1	committees 3:13	218:19,19,20	303:3 306:3,4
236:2 313:10	Commissioner	4:21 13:9 20:17	223:12,18,22	310:3,7 314:5,7
commendable 86:7	191:20	22:13 24:3 26:12	224:9,13,20	315:2,7
comment 9:8 19:8	commissioners	26:17 27:3,5	225:10 226:4,15	company 1:1,21
34:18 38:1 41:12	30:7 258:1	33:11 36:8 39:18	commodity-like	6:5 24:5 36:21
43:19 46:1 53:16	commitment 69:11	40:11 67:8 78:6	223:19 224:7	39:20 43:10 56:17
78:16 82:9 88:2	157:14 177:8,12	78:12 79:1 96:8	commodization	61:5 65:10 73:7
93:8 96:18 101:17	commitments 7:11	101:7 106:16	193:3	79:5,6,7,17,17
101:19 103:16	committee 4:12 5:9	143:13,15,15,21	common 74:4	80:16 85:4,5
127:1 130:10	24:3 27:7,10,11	146:7 147:22	221:3 241:4 277:3	98:14 120:9 142:1
147:22 148:6	27:15,21 32:11	148:1 150:11	communicate	142:3 179:2 180:9
152:1,2,3 160:8	39:12,19 64:20	153:21 173:13	119:11 194:5	217:2,11 220:10
205:6 215:8 232:6	65:14 66:17 77:18	200:6 209:11	235:8 238:6	220:14 221:1
235:12 252:12	80:14 82:15 89:10	212:19,22 213:2,5	248:22 264:4	222:19 225:22
261:22 262:11	94:9,11,12 98:13	225:16 226:8	298:6	234:11 241:21
264:11 266:13	101:1,13 103:2	229:10 230:9,10	communicated	242:4 301:8,14
268:1,2,3 273:5	109:17,20 137:1	230:19,20 231:9	291:8 293:1	315:5,6,8,15
280:3,7 283:12,13	137:12 147:18	231:14,17,18,20	communicating	company's 64:19
287:10,12 290:21	149:13,15 150:8	231:22 235:3,5,16	213:5	148:12 230:13
293:22 295:1,18	150:19 153:13	235:20,20 237:2	communication	236:9,15 300:4
297:16,18 298:3	154:6 180:8 182:8	238:6,12 240:5	21:2 116:7 124:7	company-specific
305:3 307:7	193:18 205:4,16	242:11 245:9	124:19 261:3	85:15
308:11 312:4	213:6,8 220:8,12	246:2 249:11,16	communications	comparability 145:21 147:4
322:9	220:16 224:16	250:2 252:13	3:21 5:6,9 13:7,8	
commented 275:3	225:13 226:1	253:3 259:9,17,18	18:8 20:15 27:2,9	comparable 97:18
commenting 242:22	227:20 230:15	259:19 261:1	27:11,15 113:5,6 213:9 230:20	224:21
Z4Z.ZZ	231:12 232:10,14	271:14 289:3	213.9 230.20	comparatively
			l	l

100:8	complexity 80:12	conclusions 25:2	conjunction 237:6	consultation 45:9
compare 33:16	96:20 309:12	301:13	connect 65:15	257:1 264:5
96:12 149:11	compliance 47:11	conclusive 129:16	connected 163:6	consulted 291:15
153:9 265:15	47:13 162:5	concrete 88:5	211:10	consulting 1:20
279:15,16,17	174:19 188:18	203:14 243:7	connection 198:1,6	28:13 92:3 181:8
compared 178:9	complicated 82:17	concur 10:3	291:9	187:12,14,20,22
compared 178.9	110:2,3 265:7	condemn 284:21	connects 308:7	188:2,6,12,13,17
65:8	313:5	conditions 88:14	cons 12:1 316:6	188:22 189:2,6,15
comparison 98:4	complicates 266:20	239:6	consciously 203:7	189:18,21 194:11
compatison 38.4 compel 273:22	complicates 200.20	conduct 15:22	consensus 276:8	195:18 196:18
compensate 174:13	complied 220.13	55:10 66:20 156:1	consent 75:18	215:12,21 216:1
202:15	complying 215:11	226:10 280:18	consequence	218:1,6,10 227:9
compensation	253:1	282:13 283:15,15	247:15 276:11,13	227:12,12
33:14 46:9,12,14	component 84:7	320:13	consequences	Consumer 1:22
46:20 174:8	components 105:16	conducted 38:6	158:5 276:3,12	29:9 66:2 131:12
175:16 177:2,14	composition	50:8 54:17 64:5	298:10	consumers 208:21
194:9 198:12	231:19 232:11	175:13 249:13	consider 17:18	consummated
199:4 203:20	comprehensive	320:4	18:14 20:9 68:4	151:18
221:20,21 267:16	59:19	conducting 14:22	101:21 111:8	consumption 189:5
compete 207:20,20	compromise 205:1	17:4 50:19 68:13	116:16 125:10	contact 116:20
competence 68:12	Computer 219:6	282:17	146:21 150:15	277:20
98:6 200:12	con 268:6	conference 115:10	159:9,17 216:16	contain 264:18
competency 214:19	concentrate 92:17	confidence 26:20	216:17	contained 246:13
competing 200:16	concept 9:18 31:12	50:18 55:18	considerable 231:2	contemplate 230:6
competition 91:7	34:7,9 36:1 67:16	183:12	consideration 97:6	contemplates
178:2 191:12	191:10 193:11	confidential 116:22	98:8 179:19 261:6	123:18
246:13 267:11	concern 19:21 20:2	132:4 315:12,14	considerations	contemporaneity
competitive 181:5	60:9 158:10	315:19	69:2	151:6
218:22 219:3	187:13 269:21	confidentiality	considered 11:7	Contemporary
compile 132:20	304:20	148:16 149:5,9	19:6 215:14 239:6	178:19
complaining	concerned 11:8	confined 259:13	247:16 324:5	content 23:10
277:19	18:15 23:18 39:14	confirm 11:2	considering 17:19	39:10 59:12 63:9
complementary	51:8 84:2 91:18	conflict 87:13	19:10 20:21 130:9	105:7 111:4
265:22	94:21 99:5 106:5	119:7 167:5	242:14 246:19,19	113:14 114:6,22
complete 113:4	143:17 180:19	202:11,12,18	consist 22:10	115:15 280:17
completed 116:14	269:7 270:2,6	204:17 216:13,19	consistency 96:14	contention 51:17
151:19	concerns 11:15	conflicts 4:17 92:2	consistent 96:11	contentious 69:22
completely 88:22	144:20 146:8	191:13,16,22	209:12 245:5	contents 282:4
90:5 99:15 254:15	163:4 230:9 285:7	202:2,4,6,8,14,16	256:11 257:13	contested 225:18
258:10	309:5	203:1,7,18 254:2	272:3	context 97:21
completing 112:17	concise 214:2	confronted 234:2	consistently 96:10	118:10 123:20
completion 264:18	conclude 15:20	confusion 103:17	constantly 274:14	251:15 270:17
complex 44:1 169:7	290:4	congratulating	279:4	279:16 282:13
179:22 189:19	concluded 293:5	30:11	constituencies	283:14 304:7
224:21 225:10	324:21	congratulations	115:4	continental 252:7
234:11 289:19	concluding 322:8	32:4	constraints 91:5	contingencies
301:17 302:5	conclusion 74:16	Congress 153:10	construct 89:20	60:11
	-		-	-

contingent 52:11	105.12 106.11	appropriate 01:20	115.6 119.2 11	49:18 50:2 51:21
contingent 52:11 continue 19:9 75:3	195:12 196:11 206:19	corruption 91:20	115:6 118:2,11 149:18 151:15	
		cosign 283:1		84:7 103:8 129:10
81:3 166:18 215:22 236:3	convey 158:14,15	cost 70:5 75:3 77:21 78:2 104:3	159:10,12 225:11 267:6 278:3 311:5	156:4 181:3 264:4
237:22 238:10	convince 208:18 convinced 250:12	164:18 279:2		290:4,6,8,13,15 290:17 291:2,11
			court 2:1 201:15,15	· · · · · · · · · · · · · · · · · · ·
246:4 308:13	cooperate 311:17	318:14	323:14	291:16,18,21
310:18 continued 4:1 5:1	cooperating 144:13	costs 37:3 105:8 278:22 279:1	cover 150:7	293:3,6 294:22
246:6 247:2	cooperation 15:20 16:2,14 83:18	280:8	covered 308:2 co-beneficiaries	295:3,14 297:2,14 298:8 308:20
288:10	cooperative 15:6	cost-benefit 77:11	109:5,6,9,15	309:3 318:7,10
continues 270:15	coordinate 123:8	council 2:6 29:16	co-counsel 323:16	criticism 154:17
	311:17	100:20 183:5		criticisms 135:19
continuing 16:7 104:15 108:19	coordinated 206:11		CPA 214:1,5	criticized 142:17
310:20		262:5 313:1 counsel 28:20	CPAs 285:20 crafted 296:19	cross 135:16
	coordination 83:17 213:12	162:5 254:5		cross-benefit
continuity 8:8 continuous 169:2	= :		crazy 84:22 254:3 cream 234:3	164:16
	Copara 269:20	count 119:22 314:22		
contribute 167:21 204:19	270:6 286:7 COPERA 28:16	counted 220:12	create 66:14,22 83:5 88:17 96:13	cross-listed 179:2 Croteau 2:15 30:2
contributed 63:18		314:21	98:16 206:1 253:7	30:2 63:1 75:10
contributes 194:19	copy 14:4 core 155:5 172:2			75:13 212:14
contributes 194:19		counter 66:22 193:8 194:22	254:13 277:12,16	
	214:19 311:15		created 132:5 188:12 300:19	245:18 294:19
contributions 13:20	corporate 14:9	counteracting 87:17		Crowne 1:11
	83:13 181:10		creates 66:10 70:19 194:18 253:14,19	crucial 249:8,11
control 33:22 107:9	223:5 250:15,15	counterparts 260:1	*	crystallizes 318:4
107:11 127:10	250:16 270:22,22	counter-incentives	creating 95:22	cultural 70:19
142:22 158:19	277:19 284:16,17	66:14	154:22 165:7	200:11 215:16
199:11 217:13	303:5	counting 233:17	197:14 202:16	216:4 250:4,5
257:8 controller 220:10	corporation 278:2	countries 15:7,12 15:21 16:21	222:13 277:12	culture 168:22
233:9	278:4 285:3		creative 100:5	169:1 170:20
	corporations 278:1	country 45:8 83:14 couple 6:17 14:18	105:10 151:4,5 creature 252:4,9	181:10 192:14 193:2,3 194:1
controlling 233:4 controls 118:15	278:11,11 284:20 285:2	34:19 76:7 99:14	credibility 23:19	195.2,3 194.1
143:3 188:18	correct 120:6	118:20 124:22	39:15 40:7 45:16	201:22 221:13,14
194:12 233:2	142:18 315:17	128:5 129:11	59:7	curious 32:10 76:5
controversial	correctly 92:1	180:21 182:6	credible 59:10	132:10
145:20 271:10	173:17	190:9 201:8 242:7	175:10 323:12	current 17:15
controversy 10:15	correlated 88:20	244:10 245:20	Credit 201:12	18:19 19:7 23:16
conversation 26:2	89:5 132:1	247:20 251:19	creep 165:1	52:1,3,8,15,21
37:15 107:20	correlates 82:4	275:7 277:8 314:9	creeping 189:15	69:10 71:13 92:2
			1 0	
144:8 163:18 168:14 185:2	correlating 100:16 correlation 88:8,18	318:6 coupled 123:13	crisis 17:7,10 174:3 225:5,6 264:1	99:1 100:22 164:10 238:21
186:8 231:8 262:2	99:22 100:2	142:4	crisp 211:5 298:4	currently 23:22
297:21 300:11	103:18 130:13	course 6:8 8:21	criteria 88:5	58:17 117:12,13
301:11	correlations 99:20	21:9 32:17 37:9	122:11 125:15	117:20 147:14
conversations	100:4,16	39:12 46:5 60:3	183:15 295:3	238:20 241:2
25:15 37:7 38:7	correspondence	63:6 75:14 107:9	critical 19:12 26:20	272:19
74:4 184:16 194:3	284:7	112:2 114:13	43:7 44:5 45:1	Curt 7:3 22:10 29:1
/4.4 104.10 194.3	20 4 ./	114.4 114.13	43.7 44.3 43.1	Curt 1.3 22.10 29.1
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

84:15 85:22	date 35:9	286:8	deficiently 114:12	289:5
134:14 152:22	dates 274:12	decimal 319:15	define 84:19 118:7	depends 52:10
163:11 165:21	David 275:17	decision 7:13 15:15	118:8 168:13	deposed 282:2
166:10 172:18	day 6:8,9,12,16,17	15:16,19 16:6	308:7	depth 19:22
205:20 230:4	7:1 8:5 21:12	33:13,14 73:1	defined 136:18	Deputy 2:21 21:5
304:10,21 317:9	68:7 92:13,18	121:2 142:11,12	149:21 158:20	30:3 111:11
Curtis 1:18 4:7	99:18 127:1	153:11 180:2	168:16	deregistration
243:7	139:13 157:22	200:22 204:13	defines 158:17	311:5
curve 274:2	175:4 183:22	248:6,6 249:10		
curve 274.2 customer 32:10,20	216:8 244:20	290:1,9	definitely 124:20 175:20 250:11	derogation 123:2 describe 255:16
224:5,13 225:8,12	263:20 280:22	decisions 59:13	264:8 292:3	256:9
224.3,13 223.8,12 225:13,17	314:12 318:1	86:15 104:6 121:4	definition 35:12	described 88:14
customers 224:5	314.12.318.1			
		125:15,17 182:2,2	78:20 118:8	125:20 131:5
customer's 224:4	days 61:13 280:4	186:15 196:7,8	158:12 160:12	228:12 239:5
cut 253:22	deal 38:4,18 57:1	198:22 254:7	232:13 233:19	280:13 295:7,8
cycle 61:12,15,18 319:22	59:4 64:4 75:1,2,8	274:5	235:1 250:9	describing 136:22
	105:15 127:13	deck 180:16 259:21	295:11,14	description 44:19
cycles 61:19	204:4,5,10 229:8 259:5 261:8	declarative 34:16	degrade 304:18	114:20
C-O-N-T-E-N-T-S		36:4	degree 25:15 66:21	deserves 160:14
3:1 4:1 5:1	270:19 271:4	decline 199:17,21	70:14 176:12	design 49:12 86:2
D	274:4	declined 47:6	183:16 277:6	designation 50:11
daily 246:10	dealing 66:16 75:1	dedicated 15:2	320:4,11,12	designed 39:2
damages 278:2,2	109:19 160:3	124:13	delay 125:15,17	66:14,22 69:10
damnation 284:21	175:3 202:3	deem 289:12 292:9	delayed 151:15	98:19 203:3
Damon 1:24 22:5	311:20	deemed 98:21	delaying 136:11	desirable 179:16
108:17 255:3	deals 36:3 74:17	288:5	deliberations 50:22	desired 200:9
270:11 275:15	110:14 202:3	deep 103:3 281:1	67:18 D-11-241-17	desiring 181:9
276:2 281:10	dealt 72:7 239:9	deeper 299:17	Dell 241:17	despite 38:13
285:12 294:7	267:5 285:10	deepest 7:7	Deloitte 143:11,12	225:15
297:8,21 298:16	dearth 231:10	deeply 7:14 12:17	143:14 176:21,22	detail 63:11 64:11
307:5	debated 257:4	37:4 100:3	186:19 187:19,21	141:2
Dan 187:1 254:20	269:1	defects 118:14,15	Deloitte's 186:3,5	detailed 46:19
danger 273:8	debt-ceiling 7:12	136:8,9 137:20	delve 305:17	54:18 141:21
300:14	decade 26:7 279:9	defend 157:7	demand 121:6	196:2
dangerous 307:9	decades 74:15	defense 26:17	270:19 301:11	details 87:18 140:7
307:11	218:20	201:17 231:12	demanding 212:2	determination
dark 73:5 175:2	December 11:21	defensible 157:1	Democracy 1:18	113:1 126:6
301:16	17:11,14 34:5	deferred 60:12	29:12	determinations
data 40:21 41:2,10	280:4 287:10	62:4,5 108:14	demonstrated 19:3	126:8 138:2 170:5
59:16,17,17 84:3	decide 78:1,2 282:2	deferring 108:15	70:14 218:5	determine 56:17
88:2 90:7 95:6	289:21 290:5	deficiencies 44:19	Department 182:9	99:9 296:1
97:20 98:3 99:19	296:5	44:20 118:5 129:9	201:11 209:9	determined 159:4
	decided 23:3 41:22	129:12,13,16	260:20	290:16,17
99:20 100:7,12,15	176:14 184:20	131:18 133:12	Department's	determining
113:3 188:8 227:2	187:15 243:15	141:10 152:4	184:5	119:14
227:10 229:5	249:10 292:11	170:12	depending 97:10	develop 31:9 39:4
265:13 303:7	deciding 152:20	deficiency 292:12	97:13 287:14	49:12 59:6 62:10

	1	1	1	ı
81:10 105:5	differentiated	31:18 98:14 109:1	150:16,19 160:14	261:12 271:12
215:18 308:21	223:15	111:9,11 120:15	238:18,22 239:12	discussion 3:19,23
developed 19:7	differentiations	120:19 121:21	241:4,9,10,18	4:19 5:14,18 10:2
35:13 49:14	147:7	122:20 123:1,8,10	242:10,14 243:13	18:12 20:10,13,19
276:20	differently 61:10	147:10 151:3	243:16 245:14	21:2,7,10 31:1
developing 43:21	186:13 215:9	206:6 207:3 252:8	262:14 270:20,20	32:1 37:10,14
60:3 68:8 84:6	283:10,11 285:4,5	256:16 264:10	273:11 279:19	38:11 44:8 51:1
113:8 309:11	296:5	280:2 289:15	282:3 287:18	52:16 54:8 57:12
development 40:3	difficult 32:5 43:7	302:3 310:12	292:4 296:3,8,13	62:15,16 65:20
59:10	64:3 78:9 84:13	directors 17:22	299:7 312:10	68:19,21 70:17,17
devise 264:16	86:1,2,10 105:18	99:4 230:12	313:16 318:10	70:22 76:1 90:18
devoted 6:20	108:7 109:7 165:4	250:16 263:7	disclosures 14:9	94:14,17 95:14
dialogue 116:10	190:5,8 203:10	270:21	18:15 154:8	108:19 111:7
121:19 137:10	289:18,19 291:15	directs 290:5	236:17 239:3	115:22 116:10
dialogues 64:22	292:17,18 293:4	disagree 51:10 52:3	241:6 245:11	117:8 118:4,17
dichotomy 317:19	297:4,5,7,9	52:11 53:4 83:10	246:1 247:8 255:1	131:18 150:8
die 83:3	309:10 321:13	161:3	256:5 262:4	160:16 191:18
differ 175:10	difficulties 321:4,6	disagreed 52:7	273:17 293:16	192:6 199:6
difference 13:13	difficulty 94:15,18	disagreement	297:2 318:13	210:16,20 224:11
20:5 55:8 211:14	95:14	48:18	disclosure's 287:20	229:19,21 251:18
219:11 221:7	dig 72:20 132:16	disagreements	disconnect 65:18	252:1 256:13
321:18	201:4 253:11	183:18	248:21	258:15,16 260:10
differences 53:14	dimension 179:12	disappearing 316:7	discount 194:21	260:15 261:11
100:9,11 146:2	diminishment	disapproval 256:11	304:4	263:14 268:12
154:21	300:15	disavow 250:3	discover 228:21	282:11 289:17
different 35:14	dinged 83:6	disclaimer 8:21	discovered 239:16	290:20 293:2
42:20 43:4,11	dinner 28:5,6	171:14	discovery 281:4	294:21 296:16
46:6 47:12,13	direct 27:13 30:18	disclaimers 8:17	286:19,20	304:7 309:5
48:6 61:9 63:7	30:22 116:7 124:7	disclose 183:15,18	discretion 295:22	316:16 322:20
64:14 80:1 90:3,4	213:1 234:13,18	240:10,10,12,15	296:9	discussions 24:13
90:5 99:21 100:9	directed 118:12	242:20 253:12,13	discretionary	41:16 57:3 245:7
106:4 115:9	direction 87:22	266:8 274:1 288:4	59:21 60:2	263:6 308:3
117:14,16 119:10	164:21 165:2	289:7,11 296:2,20	discuss 18:7 34:14	disguise 180:18
125:1 127:15	166:9 182:4,7	298:1 306:18	36:8,9 116:2	disinfect 205:14
139:4 150:13	186:20 190:8	307:19 321:7	123:17 205:21	disparate 206:11
167:10 169:9	200:3 206:7	disclosed 58:11	237:7 260:17	disparity 77:7
170:9 185:18	267:15	96:4 97:2 238:20	287:12 290:5	dispel 217:20
208:19 216:7	directions 87:6	239:18 244:1,14	discussed 19:22	dispositive 25:1
224:5,6 226:20	184:14	256:8 262:10	35:16 40:19 42:21	disregard 121:14
243:14 244:9	directly 108:20	264:13 265:10	97:4 104:10	155:16
247:13 264:2	116:6 205:6	288:7 291:16	179:20 220:6	disseminated 41:11
279:19 287:15,15	217:11 227:13	disclosing 138:7	239:17 273:19	41:18 42:3
289:13 294:4	229:11 232:3,22	243:20	282:10 291:13,14	disseminating 46:4
296:7 300:22	233:1 292:1	disclosure 11:17,19	292:22 293:10,13	95:21
315:7,7 317:14	director 2:3,12,17	19:14 58:5,7,9,20	discusses 240:17	dissemination
differentials	2:19,21 9:4 21:3,5	87:21 98:1 136:12	discussing 6:20	40:22 41:6
309:22	28:9 29:8,15	136:18 138:14	124:2 137:4 231:9	disservice 143:20

318:20	123:5,6 124:3	draft 124:16,17	dynamic 228:13,15	education 49:2
distill 255:16	125:6 127:6	258:13	296:14	172:1
distinct 95:2	129:12 130:11,22	drafters 323:2	dynamics 37:10	effect 15:16 40:5
distinction 57:4	131:16 137:4	drafting 249:9	295:21 303:14	122:5,15 179:3
61:8	143:5,21 149:13	dramatic 319:21	dysfunctional	185:15 235:15
distinctions 122:9	150:10,11 164:4	dramatically	206:12	278:15 314:17
distinguish 135:3	165:5 170:1	257:16	D.C 1:12	effective 30:22 52:4
distress 61:11,20	181:14 193:16	draw 57:5 61:8		52:9,15 87:20
District 2:1	199:20 204:2	104:20 221:18	E	98:20,21 109:19
ditto 80:6	207:22 208:21	drawing 285:8	E 1:17 2:3	122:10 125:5
divergence 51:15	212:1 216:1 219:3	drawn 215:22	eagerly 37:14	132:10 133:14
divide 111:13	219:13 220:17	draws 221:16,17	ear 249:5	138:2 215:7 229:8
division 2:19,21	224:1,2 228:2	dreams 287:1	earlier 38:22 39:1	235:15
15:3 21:4 107:12	245:10 246:7,7	drift 301:20	39:17 48:8 127:12	effectively 48:3
111:9,18 112:11	251:8,15 253:4	drill 65:6	129:8,8 136:21	54:10 66:12 93:6
118:21 119:11	265:17 270:14	drilling 147:5	142:19 168:14	98:17 133:10
120:20 121:17	271:15,16 274:21	195:14	178:4,10 197:22	191:16 214:16
151:10 152:11	297:17 303:21	drive 118:13 167:8	198:20 209:20,21	215:5 248:12
155:17 157:7	311:17 312:1,15	168:17,20 170:20	211:9 216:12	250:8
237:13 311:1	312:16 313:9	170:20 203:4	231:21 248:6	effectiveness 74:10
divisions 113:7	316:12	221:16 254:7	255:1,6 256:12	125:14,21 131:17
Division's 21:5	DOJ 218:21	320:12	271:12 282:11	132:2 258:9
doable 94:5 95:19	dollars 49:10	driven 220:4	300:14	efficiency 279:3
doctor 172:4	194:10	221:21 292:1	early 31:8 59:10	efficient 217:10,14
doctors 83:1,2	domestically 112:2	302:18	77:12 78:5 80:8	efficiently 214:16
document 34:16	dominant 190:22	driver 239:19	211:22 281:3	215:5
36:3 244:16 289:8	191:1	301:2 320:7	earned 98:2	effort 6:19 14:10
289:22 290:12	donations 285:1	drivers 167:11	earnings 304:13	31:16,21 32:5
291:17 297:17	doors 301:11	drives 66:20	easily 88:7 279:6	35:10 66:15 82:14
documentation	dot 264:1	driving 169:2	easing 319:21	99:1 107:8 122:7
47:11 140:13	dots 65:15	204:3 320:18	East 51:18 186:6	132:11 133:7
159:7,8 290:9	Doty 2:8 3:4 8:10	drop 221:17	easy 84:9 90:15	161:17 176:15
291:4,19 292:6,16		_	139:19 169:16	224:12
295:7,8,9	72:1 109:1 120:15	dropping 220:5	171:3,7,18 193:13	efforts 14:20 15:2
documented	120:19 121:21	drove 219:1	194:14,16,21	18:8 19:9 20:7
159:22 291:3,14	122:20 123:1,8,10	dude 257:21	196:10 201:20	30:10 31:3 132:12
292:18	147:10 151:3	due 7:5 22:15 78:3	266:21 313:2,3	132:12 138:8
documents 121:7	206:6 207:3	121:14 229:16	echo 12:20 134:14	198:16 205:5
178:22 179:7	221:13 252:8	287:10	312:19	206:13
262:17 276:19	256:16 264:10	duplicative 318:13	echoing 146:12	egregious 119:13
doing 11:3 26:5	280:2 289:15	Dutch 101:11	economic 17:16	181:13
36:13 54:9 63:16	302:3 310:12	duties 121:14	242:2 257:20	eight 206:18
64:2 68:7 73:20	Doty's 322:16	155:16 210:3	economics 82:3	315:14
78:9,12 79:16	doubt 109:12 257:5	231:19	227:15	either 12:2 45:7
80:10 89:15 90:3	Doug 258:19	duty 152:17,19	economists 109:2	55:22 89:10
92:11,14 111:20	dozen 15:21	183:14	edit 158:16	102:14 111:2
112:2 113:7,10,20	dozens 80:9 276:4	dwelling 80:22	educate 219:20	139:7 152:4 195:5
	-	-	-	-

		Ì	Ì	1
222:18 235:22	177:9 182:14	280:16 291:5,13	equipped 97:18	EU 15:14,21 16:2,5
243:2 261:18	enabled 247:12	292:20,21 313:4	equivalent 266:13	221:9
264:12,17 268:6	enactment 227:4	engagements 47:1	era 171:9 255:8	Europe 11:10
273:18,22 275:16	encourage 79:9	47:2,6 48:17	erased 133:12	51:18 57:20
290:10	108:8 155:22	78:15 128:21	Ernst 148:15	276:22
elect 221:16	236:3 247:2 312:1	engagement-level	176:21 185:21	European 15:12
electric 153:15	encouraged 307:3	36:8 106:13,15	241:3 243:8	186:3
element 45:1 99:4	encouraging 30:20	engineering 152:11	ERP-based 189:1	evaluate 120:12
128:22 188:21	99:7 229:10	225:1	errant 157:8	186:14 200:20
elements 103:6	encroaching 259:1	engineers 285:18	error 50:17 73:12	239:19
236:5	endeavor 34:1	enhance 27:5	73:21 74:1,2	evaluated 44:7
elevate 156:19	ended 147:13	212:22 231:22	errors 60:9	167:3 168:6
elevated 174:7,8	ends 126:10 132:11	enhanced 236:18	especially 6:8,13	170:10
eliminated 314:14	enemy 313:11	262:6	13:21 15:11 116:1	evaluating 116:17
314:16	energized 312:20	enjoy 121:9	119:19 141:3	119:18 159:21
eloquently 280:13	enforce 121:2,3	enormous 301:4,4	144:21 160:11	233:14 282:13
else's 172:4	156:1	301:5,5	168:8 169:19	evaluation 126:16
email 284:7	enforcement 16:11	Enron 249:17	174:3 213:22	147:17 166:14,20
emailed 260:15	48:14 51:11,14,21	ensure 103:20	219:14 253:4	168:1 198:11
emails 159:11	52:2,4,20 58:16	134:3 181:3	315:5 324:10	204:2 236:14
embarked 35:9	73:3,6 75:13	250:16 310:10	essence 23:3,11	evaluations 4:6
embarrassment	76:11 87:3,9	ensuring 26:18	24:5 39:1 41:17	85:14 165:14
283:5,6	90:15 119:6,9,11	217:1 249:12	55:20 59:12	168:2 196:15
embedded 185:12	119:12,16 120:2,7	entered 15:5	essential 209:5,10	event 157:15 220:1
EMEA 52:12	120:10,12,14	enterprise 68:10,16	249:12	220:1 251:21
emerged 10:21	121:2,4,8,16	99:2 206:12	essentially 166:22	281:4
emerging 18:3	123:4 135:9	207:12 321:5,6	176:19 241:10	eventful 6:9
emotion 217:17	144:16,17,21	entire 51:5 86:16	274:1 301:17	events 103:4
emotional 214:4	145:4 155:12,16	261:8 324:9	315:6	164:12
215:3	157:17 220:17	entirely 227:6	establish 20:6 23:7	everybody 9:9
emphasis 322:22	310:18	265:19,22	39:5	12:21 28:4 56:7
emphasize 39:16	engage 111:18	entities 184:16	established 149:21	76:17 93:17
39:22 308:18	117:2 160:2 279:2	277:19 315:1	182:9 186:20,22	210:13,20 211:4
314:1	299:20	entity 282:19	274:12	251:16 260:19
emphasizing	engaged 204:22	entity's 58:3	establishment	261:13 301:15
146:11 177:4,12	277:20	envelope 303:6	275:19	322:8 324:5,19
emphatically	engagement 9:18	environment 17:16	estimated 47:5	everybody's 317:11
175:19	19:14 36:7 42:3	93:2,3 196:11	estimates 59:18	everyone's 38:17
empirical 10:21	44:10,13 45:14	319:20	145:16 236:13	everything's
87:21 88:2,7,20	46:10 49:1,22	envision 34:9 35:1	318:11 319:16,17	317:10
89:6	65:3,16 79:3	35:5 188:5 318:12	et 51:5 113:8 127:9	evidence 82:6
employee 271:6	116:18 124:11	eons 319:12	127:21 148:6	88:21 159:9,15
employees 1:25	126:18 137:6	EQR 292:7	172:21	179:17 218:15,17
29:20 99:18 163:5	152:16 180:1,3	equal 188:12	eternal 284:21	258:4 281:17,20
177:9 228:19	236:9 262:15	equally 82:20	eternity 61:22	evolution 112:7
empowers 273:14	264:13,21 266:9	97:18 169:13	ethics 162:4,6	evolutionary 115:2
enable 155:16	266:15,17 268:16	equipment 61:1	182:20	evolve 133:13
				'

evolved 112:6	185:2	233:12,15 234:14	132:14 134:7	242:13 246:10
174:1	executives 180:9	234:18 270:8	167:15 168:19	247:17 258:1
evolving 112:7	185:5 208:5	277:3 281:18	169:11 170:8	268:22 270:17,19
ex 60:6 82:3,4	270:22,22	289:9	193:19 224:15,16	276:6,12,15 283:4
exacerbated	exercise 264:6	experiences 185:3	226:14,15 227:11	285:22 286:11
191:14	exercises 65:5	expert 4:23 27:8	268:5 294:2,12	287:2 300:2,5,9
exactly 15:4 76:22	exercising 295:22	214:13,14 232:11	299:10	309:20 311:18
137:3 141:1	exhausting 282:3	232:14,17 233:17	external 93:2	318:1
186:21 201:13	exhaustive 239:2	249:7 257:14	234:11 317:5	factor 66:20 73:1
208:1 219:18	exhibits 69:1	281:15 285:20	extract 303:2,8	166:19
228:3 252:21	exist 253:14	317:4	extracted 304:13	factors 58:2,9,11
263:9 283:18	existed 309:22	expertise 47:20	extraordinarily	58:20 141:11
299:15	existence 300:18	49:6,14,14,19	32:5 108:7	165:12 194:20
examination	existing 16:2 250:2	50:3 55:4 67:5	extraordinary 9:5	200:11,12,15,18
149:22	292:4 300:8	88:15 97:14,18	152:10 324:13	200:21 201:2,5
examine 203:16	exists 97:10 153:21	98:6 131:11	extremely 7:10	facts 87:21 196:13
281:17	expand 11:17,18	219:13 249:21	56:19 88:21	205:22 273:18
examined 176:16	expanded 51:2	250:8 257:11,17	102:22 103:7	factual 269:19
example 14:19 43:9	231:17 314:19	258:6,15 265:11	200:4 205:10	270:3,7,9
59:21 60:8,12	expanding 232:2	282:1	224:20 259:8	factually 205:21
61:1 64:5 69:7,20	expansion 318:8	experts 79:13,15	263:12,14 267:20	287:8
70:21 72:9 88:3	expansions 241:9	215:20,22 234:17	322:21	fact-free 196:11
89:21 101:9 108:2	expect 57:22 114:2	235:22 301:8	eye 140:19 164:21	243:7
141:13 211:17,18	114:3 122:17	expired 152:8	171:10 183:3	fail 276:7 319:6
212:5 224:22	127:19 222:17	explain 90:2 101:1	311:18	failed 118:5 137:17
238:10 241:15	223:8 225:9	101:6,8,13 144:9	eyes 174:17 205:11	159:4 286:12
242:13 243:21	252:13 254:16,16	159:16 289:22	E&Y 177:4 186:2	failure 118:9
270:17 271:3	307:10	290:12 321:5,12	272:15	123:13 136:19
274:3 279:14	expectation 101:4	explained 64:8		158:8,12,13,17,17
283:9	expectations 124:1	explains 76:21	F	158:22 159:1,1
examples 20:4 36:7	231:20 316:17	explanation 309:18	face 278:13 306:7	160:10 161:16,21
70:7,9 241:4	expected 86:21	explore 41:15 85:1	Facebook 314:11	failures 129:18
243:12 282:8	150:22 202:7	234:4	facilitate 299:22	132:1 135:1 152:5
excellent 24:16	290:2	exploring 237:4	facing 83:16 209:7	fair 35:11 90:12
37:12 62:14	expedite 134:8	exposed 239:16	fact 10:4 16:10	123:13 152:12
139:20 205:5	251:9	exposure 258:13	38:2 43:2 49:9	231:19 261:4
324:6	expenditure 69:4	express 20:9 43:15	60:14 61:2 84:9	302:12 319:10,13
Exchange 2:15	expenditures 69:10	expressed 10:19	110:6 117:14	319:16
62:21 183:9 314:8	154:19,22	19:6 50:16 237:16	121:15,16 122:6	fairly 26:22 35:9
322:21	expense 151:11	269:22	123:3 145:14	44:1 51:19 74:3
exchanges 231:16	expensive 262:13	expression 46:3	155:2,8 156:2,7	88:7 89:5 123:19
exciting 194:7	experience 4:15	extensive 35:9	157:20 158:13	131:21 139:10
exclude 36:21,22	49:20,22,22 50:1	203:15 264:22	185:9 186:16	fairness 94:3 151:7
241:21 290:10,10	86:20 87:4 154:15	extensively 224:12	188:15,15 190:22	faith 106:17 120:22
excluded 314:20	175:3 184:15,17	extent 6:15 47:15	191:7 208:1	120:22 133:8
executive 28:15	189:12 225:20	51:9 52:2 70:13	219:22 220:4	fall 69:3
29:15 38:21 46:9	232:20,22 233:8	88:5 130:16	223:7 224:4 228:2	falls 178:11
	-	-	-	-

		Ī	İ	Ī
false 319:14	feeling 191:4 227:8	260:14 297:17	124:22 131:22	138:13 139:4,21
familiar 10:9 271:3	feels 152:4	303:19 322:9	154:13 212:7	140:16 141:7
familiarize 10:6	feel-goodism	324:2	293:18	142:20 143:3
far 14:7 21:17 72:2	302:14 303:16	finalized 213:9	findings 71:1,3	147:19 148:12,18
88:11 138:8,17	fees 47:6,18 66:19	245:21	114:20 119:12,13	149:5 150:1
150:21 212:15	98:1 198:8 199:16	finally 11:8 16:22	123:10 125:2	151:13 152:1,15
221:9 237:16	199:21 208:11	27:10 42:9 58:1	127:7,8 130:13,17	154:6 156:18
268:9 269:18	216:17 217:9	58:19 144:16	130:19 131:8	157:14 158:1,4
far-afield 271:2	219:9 220:4,9	146:11 160:15	136:12 137:9	163:4,6 168:6,9
FASB 64:6 83:15	223:2 255:5,10,13	244:10 269:1	140:8,9 145:17	168:22 172:19
198:21	279:15	finance 182:11	147:6 148:17,20	175:17 177:11,14
fascinating 84:22	fee-producing 71:7	financial 4:23	152:3 154:15	180:4,19 181:22
fashion 34:12	FEI 220:1	13:11 17:7 26:15	156:2,5,22 157:4	182:2,3,5,11,16
287:7	felt 216:22 217:5	26:18,19 27:8	157:12,13 236:16	183:14,14,15,17
fashioned 33:2	Ferguson 2:9 3:5	50:10,14 55:16	finds 276:15	183:18,21 185:3
34:6 35:12 122:12	10:16 12:11 99:13	58:3 60:6,20	fine 274:7	192:4 193:22
fast 151:22 244:17	103:16 206:13	61:11,20 62:1	finish 56:5 210:19	194:1 196:22
fatal 288:22	207:16 231:4	78:21 82:2,12,13	251:22 313:6	199:7,12 200:10
fatally 287:16	260:5	84:1,6 86:13 92:8	finished 56:11	201:22 206:10
288:19 289:8	ferret 306:16	94:22 95:1,10	128:3	217:11 221:17,22
fathom 286:8	fewer 315:2	96:6 97:7 100:20	Finland 15:7	222:12 226:17
favor 92:7 262:6	fictional 282:18	103:6 104:18	FINRA 1:19 28:20	236:10 245:2
284:12 306:22	fiduciary 210:3	105:3 123:7,14	202:2 203:2,5	250:1 256:14
321:2,16	field 151:19,21	156:15 158:18,19	fire 65:6	279:18 280:22
fear 98:22 173:16	160:7 300:9	178:1 183:5 210:4	firewall 184:10	286:8,16,17
283:5,6	301:21	225:5 230:14	firing 216:22	308:22 309:12
feasibility 182:14	fifth 187:3	232:11,14,17,18	firm 3:10 4:4 20:16	316:20 318:2,3
feasible 204:8	figment 286:22	233:14,17 234:17	22:7 23:16 29:17	firms 9:19 14:21
feat 152:10	figure 13:9 98:12	236:15 248:11	31:11 33:16 36:15	17:2 24:6 25:8,12
February 280:5	132:17 140:9	249:7 271:1 301:7	42:5 45:7 46:3,22	25:19,22 33:15
Federal 281:20	174:12 180:20	301:16,18 309:7	47:6,20 49:1,6	36:10,22 37:1
Federation 1:22	295:20 306:20	317:4,16 318:15	69:8 70:3 75:14	38:9 40:15 41:1
29:9 66:2 131:12	file 156:10,11,11	321:19	75:17 78:10 94:14	41:11,19 44:22
fee 199:18 200:12	159:12 248:16	find 23:11 74:22	97:22 100:9	48:12,15 65:7
217:8 221:2	280:8	89:16 91:14 92:3	105:15 107:10	70:12,18 71:5
feed 132:21 198:2	filed 264:16	105:1 137:17,19	109:16,17 112:18	75:7 80:2 82:20
feedback 50:20	filing 264:15 265:4	139:16,17 148:22	113:21 114:15	83:5 94:17,19
115:3,9,12 117:9	268:15,17 269:6,6	149:1 153:3	116:5,6,13,19,20	95:13,22 96:7
124:17 128:8	269:17 315:11	160:13 165:3	116:20 118:5,13	97:17 98:2,6
133:17 152:2	filings 85:5 270:18	173:18 201:5	119:15,17 121:5	99:16 100:7
234:22 244:22	315:14,19	237:8 243:19,22	122:5,6,14 124:7	107:14,16 111:3
245:22 247:1	fill 253:20	248:4 252:19	124:7,14,16 125:2	112:1,3,3,16
feel 51:20 62:17	filter 77:19	253:16 254:9	126:10,15,21	113:5 114:2 116:7
63:17 85:18 128:6	final 20:12 24:9	266:21 282:8	127:20 129:2,4	116:11,12 117:3
152:4 172:2	43:22 101:20	286:20 315:20	130:12,15 131:6	121:3,9,22 122:9
213:14 229:22	107:4 180:2 230:8	318:18 319:2	133:9 134:16	122:15,21 123:21
268:11 302:4,7	237:10 243:21	finding 88:8 120:1	137:2,4,5,14,20	124:1,5 125:3

			Ì	
127:4,22 130:17	117:15 118:2	22:22	folks 200:15 232:6	284:17
130:19 136:6,8	firm-wide 129:3	fix 144:7,9 228:5	265:5	formula 216:19
137:9 138:7,14	first 11:13,21 14:19	235:2 288:21	follow 145:8 150:6	forsake 70:14
140:17 141:4	20:14 27:7 31:18	fixed 71:12 210:8	248:13 254:16,17	forth 32:16 36:1
144:3,4,6 145:4	33:7 34:6,19 44:2	289:1 298:12	299:16	82:5 117:7 131:8
146:1,2 147:7	47:17 51:8 52:18	fixes 88:13	followed 20:12	255:22 263:8
148:7 151:17	53:8 62:20,22	flag 154:5	185:19 323:2,3	274:20,21 287:18
152:14 154:7,18	65:6 80:20 81:13	flags 134:12 164:12	following 8:12	287:19 295:16
156:3,3 157:2,6	81:17 84:10,16	flaw 289:1	126:9 264:18	forthcoming 156:7
157:11,12 161:18	93:9 98:14 101:18	flawed 171:9	follow-on 71:9	fortitude 69:21
163:5 164:3 165:1	103:13 106:2,13	287:16 288:19	food 211:18 212:5	Fortunately 15:14
165:5 167:6,10,16	107:7 115:17	289:8	footnote 91:9 93:1	Fortune 241:5
169:4,12,16	128:3,14 133:2,17	flexibility 147:16	96:5	forum 50:21 231:3
170:15 172:20,21	145:13 150:7,9	185:16	footnotes 62:4	259:10,10
175:13 177:17	172:8 176:2 178:3	flexible 179:16	forbearance 230:1	forums 115:12,13
178:8 179:1	178:7 180:16	253:6	force 37:6,8 224:12	forward 8:14 13:10
180:17 182:15	193:2,3 201:17	flip 37:18 107:17	224:14	13:14 24:16 27:22
183:3,7 184:13	209:3 214:6	167:7,13 169:14	forces 87:17 203:6	31:1,2 78:16
185:3,6,13,17,19	217:20 228:8	236:6	fore 190:20	86:21 89:11 92:12
186:6,12 187:5,17	231:16 232:9,22	floor 199:20	forecast 60:17	106:11 108:15,18
188:1 189:19	236:9 237:11	flow 153:12 164:2	forecasts 59:11	156:6 201:6
194:17 195:11,12	244:7 249:16	176:2	foreclosure 17:13	222:12 234:22
196:2,6,13 197:12	253:1 258:17	flows 62:6	foregoing 110:11	247:12 250:22
199:4 200:16	261:5,8,19 263:17	flush 268:6	162:8 260:11	262:20 273:3
201:10 203:3,16	267:2 274:9	focus 23:16 24:10	324:21	284:1 289:21
203:17 204:1,3	282:22 285:17	27:1 34:1 35:3	foreign 9:19 18:3	293:21 298:13,14
206:7,10,18,18	286:15,20 293:21	51:7 55:13 57:5	45:8 72:4,12,13	308:14 313:10
207:4,11,13,19,19	295:14 298:22	59:3 78:4 95:18	74:6	324:18
215:10 216:14	300:10 302:14	99:1 101:21 102:8	foreign-registered	forward-looking
218:4 221:7,12	314:15	102:16 105:13,17	14:21	23:8 39:9 60:4,16
222:21 226:18	first-year 48:16	105:20 106:17	foremost 286:15	78:19 106:22
227:15 228:11,19	fit 12:10 62:18	117:13,18 121:8	forensic 188:17	found 24:3 39:19
229:12 255:9,9	101:19 102:3	178:15 183:1	forever 313:15	52:5,12 56:16,19
272:5 281:21	111:13 179:11	195:3 198:10	forfeit 229:20	66:3 84:21 114:12
299:4 301:17	181:9 200:11	227:22 231:1	form 11:1 68:8	130:14,15 140:1,5
310:14,15,16	237:14 253:9	239:3 272:19,20	70:4,5 127:1	141:10 149:17
311:5 317:20	261:12	277:6 295:18	154:22 160:8	155:6 158:4
firm's 114:8 116:17	five 18:1,6 22:19	308:22 309:3	264:15,15,16	180:18 181:6
123:3 131:3	64:13 182:7	317:4 318:4	266:20 287:7	241:19 253:13
133:15 160:1	210:18 243:12	focused 85:17,20	formal 27:20 184:4	fount 166:6
170:21 236:14	253:12,17,18,20	118:4,17 137:20	231:8 238:14	four 20:11,18 33:6
287:5	253:21 254:8,10	159:21 181:8	formalized 234:21	51:7 74:15 93:17
firm-level 36:9	254:11 272:12	183:11 184:11	format 114:16	97:8,12,17,17
45:20 46:8 79:19	274:3,4,5 294:3,4	193:7 205:12	former 2:4 275:17	176:18 218:19
80:2 106:14	297:8,10 298:1	246:4,11	275:18	219:12 221:7
firm-specific 115:6	307:18 322:14	focusing 67:10	forms 147:22 148:6	272:5 275:17
115:16,18 116:3	five-minute 20:20	Folarin 324:11	152:1,2,3 284:16	311:16,20 318:22

Fourteenth 1:11	230:12	233:18 234:15	geometric 314:17	185:17 208:16
fourth 6:4 20:17	full 8:7 37:10 56:5	gain 181:5	George 38:18	glad 161:16
frame 118:18	123:13 182:15	Gallagher 191:20	germane 235:6	global 170:6
123:19 126:9	245:14	game 156:19	Germany 15:7	185:22 206:10,10
218:21	fully 123:8,10	311:11	getting 28:3 53:11	206:15 260:22
frames 119:20	125:4 126:11	games 301:18	55:19 58:17 95:6	272:5 284:4,6
framework 35:13	160:5 262:22	Gary 2:5 7:4 28:17	95:9 122:2,2	309:21 311:11
68:6,19 69:1 91:1	263:12 266:4	108:17	128:18 129:2,5,7	globally 170:8
91:12	fun 194:12	gatekeeper 66:8	142:4 143:6,8	GM 72:9
France 15:8	function 42:14,15	271:8	149:2,3 152:2,3	GMI 81:22
Franklin 162:3	135:9,9 182:5	Gately 121:5	152:13,17,20,20	go 12:8 14:18 28:7
frankly 73:3 144:3	190:17,18 192:3	gather 38:9 196:6	153:1 178:12	32:14 37:19 38:21
265:9 266:19	195:9,17 198:8	256:14	207:5 217:3	56:7,18 63:2 65:4
Franzel 2:10 3:6	226:13 228:16	gathering 95:20	268:21 269:8	65:20 67:4 72:15
10:16 12:21 31:5	249:11 250:8	100:15 113:3	278:20 296:16	74:13 77:2 85:10
31:5 137:22	functioning 125:20	150:1 189:4	304:9,11 317:1	87:5 93:9 102:6
230:21	functions 190:13	gauge 131:8	318:15	109:3 119:2,13,18
fraud 32:15 82:5	191:7,15 195:18	general 3:22 5:18	give 24:18 26:9	124:15 139:14
85:3 144:18 314:4	233:3,11,12 271:9	13:8 18:6 20:12	33:3,8 34:21 36:7	150:21 153:22
frauds 102:22	fund 1:17 29:12,21	20:15 24:7 28:19	42:7 46:6 49:10	156:2 160:1,2,20
fraudulent 238:4	174:15 279:14	46:1 54:8 57:11	58:22 60:18 90:21	164:19 165:9
fray 62:17	304:3	62:16 110:15,22	93:19 101:19,21	169:21 174:6
FRC 83:14 146:16	fundamental 60:3	118:16 126:8	124:10 128:8	175:5 176:9 190:2
free 62:17 63:17	62:9 66:11 74:17	127:6 132:21	140:15 141:2,6	206:3 210:13,16
229:22	75:4 132:18 143:4	138:18 139:4	142:3,10,13	210:19 211:2
free-flowing	226:5	140:8 145:13,18	144:19 158:12	212:5,20 217:9
261:11	fundamentally	145:21 146:5,13	171:14 176:12	219:16 222:22
free-for-all 251:17	23:2 66:7 84:1,7	146:18,22 147:4,8	195:21 210:20	232:7 236:4
freight 190:5	106:4 107:22	150:18 173:15	236:1 243:18	237:16 251:20,22
frequency 60:8	171:9 211:20	210:15 225:3	253:6 257:7	252:1,19 253:1
frequently 102:13	224:8	229:19 251:18	258:14 265:14	257:12 258:12
fresh 171:21 200:9	funding 8:8	252:1 260:14	268:18 275:12,20	269:13,16 274:16
friendly 146:17	funds 1:23 71:22	270:19 273:6	276:7,9 285:20	278:8 279:10
301:19	141:15 279:15	278:19 300:15	296:4	286:14,19 294:7
friends 209:17	303:11,12	314:16	given 10:4,11 16:12	294:13,18 296:1
312:7	further 18:20	generalities 193:13	26:13 27:17 37:5	298:16,20 302:13
frivolous 283:9	85:10 158:6 267:4	generally 27:16	38:4 68:3 114:22	303:19 306:2
front 16:22 17:5	279:7 289:21	60:13 127:16,17	118:17 119:19	309:21 311:1
76:22 107:1	290:2 305:12	148:6 177:19	145:14 152:15,16	314:20 315:3,16
113:15 139:11	308:10 320:17	239:11 270:20	187:13 188:1,3	315:19 316:1,5
141:6,16	future 17:19 77:9	general-picture	191:9 230:5	319:7
front-line 26:17	86:22 147:14	146:4	231:10 255:14	goal 31:14 101:22
FTI 1:20 28:12	188:6	general-purpose	286:4 301:14	136:13 204:3
fudge 234:3		115:7,15 117:14	302:10	235:15 322:6
fueled 319:20	<u>G</u>	117:17	gives 61:17 68:19	goals 99:3
fulfill 252:5	G 2:5	generated 10:14	280:4	goal-related 226:5
fulfilling 210:3	GAAP 232:18	generates 198:8	giving 9:9 123:22	God 155:20,21
		-	•	•

157.10	211 0 214 2	265 12 14 269 22	104 20 107 0 11	14 11 10 00 17 5
157:18	211:8 214:2	265:12,14 268:22	184:20 187:9,11	14:11,18,20 17:5
Goelzer's 187:1	219:11,19,21	269:19 276:10,13	195:2 197:22	18:17 19:1,21
goes 26:11 71:22	220:19,20 221:2,8	277:11 279:5	200:4 209:3 211:8	20:21 21:1,6 22:1
78:4 87:12 121:22	221:17 222:4,7	280:8 281:10	212:9 229:15	22:3,4,8,9,13,14
135:8 157:13,21	223:9 227:15	286:3 287:11,18	230:2 305:10,19	23:2,15 24:19,21
173:1,2 175:15	232:5,9,14,15	302:4 309:11	Grant's 320:15	29:1,13 31:2,8,10
191:17 194:1	236:4,5 238:15,19	312:10 313:12	granular 102:9	37:10,12 38:3
221:9 256:20	244:14 246:9	321:7,10	graphs 146:17	48:5 57:3 63:15
258:10 282:6,10	248:15 250:4	good-faith 132:11	grappling 106:6,7	68:4 77:18 92:13
289:21 290:2	252:17,19 253:10	132:12,12 133:7	great 30:12 32:7	97:2 98:11 106:4
304:8	253:18 254:7,9,14	134:2	37:10 38:4,18	108:9,10,10,12,20
going 6:9,11,22 7:6	254:17 261:3	gorilla 164:8	57:1 59:4 64:3	109:10 111:15
7:13,14 12:3	266:8 273:1,12	gotten 67:3 184:3	76:4,6 77:11	122:12 139:2
13:10 19:21 20:2	277:12 278:6,8	272:1 287:15	86:20 88:5 89:21	163:4,8,10,16,22
24:12 38:5,11	279:7 280:6 284:2	316:3	92:10,12 111:16	165:15,17 184:7
39:11 42:8 43:6	284:13 286:10,17	governance 3:11	111:17 137:10	186:2,21 187:1,4
44:9 49:10 51:1	294:8 296:1,12,13	4:4 20:16 22:8	143:20 169:21	211:6 213:14
54:3,3 56:18 57:8	298:6 299:8,15	24:20 25:9 78:6	204:17 205:20	219:22 230:8
58:12 60:9 65:8	300:16,18 304:12	82:1 83:13 163:4	238:13 254:21	234:22 246:6
65:19 75:2 76:5	306:5,12 307:2,8	163:6,19 164:1	270:19 271:4	254:21 255:5
78:18 79:7 80:1	309:1 314:12	165:20 176:1,2,3	274:14 294:21	259:16 260:16
80:19 81:1,10,13	315:3 316:1,22	176:10 183:2	313:6	263:19 267:5
82:22 83:1,3,6,17	318:21 321:2,20	185:3 191:17	greater 21:17	270:5 276:6,8
84:12 86:1,6 87:7	323:21 324:1	198:3,13 199:13	58:21 72:12	305:20 316:3,10
89:11 93:8 98:15	good 12:19 23:1	221:9 228:9	123:22 155:3	324:8,9,10,19
99:13 101:16	29:5 30:2 32:7	258:16 259:2	206:1 304:15,18	groups 6:19 31:22
103:13,14,20	36:16 43:3 49:10	303:5 304:9	greatest 106:18,19	35:17 47:19 53:14
104:4,5 118:22	56:16 57:9 58:22	305:13 320:16	135:19	83:18 108:14
120:3,13 122:1,1	59:19 67:10 70:7	governances	greatly 38:2 231:17	115:9
122:2 125:19	70:8,16 71:15	234:16	298:15 312:15	group's 13:20 20:5
131:11 134:8	75:5,6,7 77:18	governing 4:14	Greg 2:17 3:17	150:7 282:11
135:14 139:12,14	85:14 94:6 105:6	25:12 182:21	31:4,17 32:1,4	growing 167:4
141:21 145:4	112:13,20 113:11	government 8:7	37:21 38:18 41:13	190:21 276:15
146:19 147:11	118:19 120:18,21	204:18,20 279:21	44:1 53:21 59:22	grown 301:18
149:2 150:7	120:22 127:6	GPPC 259:14,22	62:17 81:20,21	grows 191:12
151:16 152:1	130:2,18 132:9	grace 155:20,21	94:2 100:14 102:2	growth 70:18
163:14,16 164:17	133:8 134:19	157:18	103:19 104:11	187:14,14 188:4
164:17 165:2	138:6 140:9 145:1	graciously 22:7	105:22 106:2	guess 68:2 76:16
167:8 168:12	145:6 163:14	163:10	108:9,20 109:10	93:18 95:17 99:7
169:11 170:6,11	169:7,22 170:19	grading 274:2	110:3 129:8	102:7 135:8
170:11,21 171:21	174:11,12,13,13	Grant 1:19 3:12	grocery 69:14	186:17 189:8
173:8 176:5	186:8 189:20	4:5,13,18 22:6,6,9	ground 71:12	195:7 268:14
181:22 184:13	210:14 211:5	22:19 24:18 26:8	308:3	287:10 320:21
192:1 194:11	212:11 214:19	27:20 28:19 135:7	group 1:3,10,12,18	guidance 17:21
195:20,21 197:14	221:10 236:2	163:9,11,12	1:23 3:8,8,10,13	96:9 116:12,13,14
198:11 199:18,22	239:6 243:9 245:5	166:11 176:14	3:16 4:4,20 6:4	146:6 235:20,22
203:8,8 204:9,21	252:19 256:20	180:12 181:17	7:22 9:6,20 11:2	237:1,5 243:18

313:19,19	112:12 145:8	305:10,19 307:4	278:4 284:18	214:22 215:7
guidelines 96:13	155:9 156:4	307:21 308:15	Helen 2:19 3:22	231:13,20 292:21
148:16	169:16 172:21	309:14 311:8	18:7 21:3 111:10	higher 74:10
guy 221:5	173:1 174:12	312:18 313:22	111:13,15 120:15	167:17 172:3
guys 76:4 142:17	177:20 178:6	316:8 320:1,20	121:22 123:11,16	173:10 211:17
199:16	194:5,13 204:21	321:22 322:7	128:6 138:17	212:3 277:6
177.10	212:15 214:4	323:5 324:2	152:4 153:21	320:12
H	225:16,17 263:2	Harrison 1:20 22:4	158:4,7	higher-level 99:7
H 1:22	282:8 297:1,3	28:12,12 67:15	Helen's 122:11	highest 57:18 124:8
Haaga 276:5	300:5 306:1 315:3	96:16,17 254:20	151:3 156:21	173:4 201:14
half 171:5,5	316:12	256:18 267:1	157:22	217:1 218:5
half-empty 172:14	harder 169:18	280:11 307:22	help 23:7,12 33:9	highlight 246:3
half-full 171:8	198:6	hat 252:16 254:5	33:12,20,21,21,22	304:20
Hamilton 1:10,11	hardest 274:3	271:9 317:3	37:5 38:13,17	highlighted 304:10
hand 121:1 153:9	hard-hitting	hazy 54:2	39:5 40:3,8,13	highly 108:13
223:21 240:5	254:14	head 1:21 22:4	45:12 49:4 52:20	high-priority
276:9 306:16	harmful 202:19	28:14,14 64:18,18	104:5 113:5 114:4	108:11
317:3,18	harmonization	95:17,17 108:17	120:16 135:3	high-quality 26:18
handful 272:10	309:21	147:11,11 148:4,8	164:13 175:20	32:18 67:1
hands 229:6	Harris 1:12,14 3:4	155:19 180:5	181:5 198:4 274:8	high-speed 301:1
handwritten	3:6 5:22 6:3 12:8	213:21,21 255:18	297:12	Hill 6:9
159:14	13:15 24:14 26:8	268:9,9 281:10	helped 20:5 38:2	hire 67:9 149:6
Hanish 187:2	28:2 31:6,6 37:16	headed 12:6	helpful 28:3 38:20	181:4 216:18
Hannigan 162:4	56:4,10 62:13	heads 207:3 237:13	40:17 41:7,9 62:2	217:14 253:16
Hanson 2:11 3:5	64:16 65:19 76:17	247:17	62:3 74:20 85:21	hires 48:15
12:19 230:21	93:14,22 101:18	health 175:18	110:7 114:15,19	hiring 26:15 33:13
245:3 275:2	102:5 105:22	197:19	117:13,21,21	173:20 178:8
295:19 298:16,19	108:5 110:9,14,19	hear 30:5 31:17	118:9,9,10 134:17	216:21 220:9
happen 13:5 65:17	123:16 134:1	94:3 208:2 230:15	141:5,16 142:21	historical 78:20
91:16 171:22	158:7 160:15	277:9,13 294:15	145:18,22 146:5	81:9 168:11
212:4 219:21	161:3,6 162:1	322:19	146:20 147:8	historically 83:19
247:21 299:16	163:3 192:10	heard 8:1,2 74:3	160:11,13 186:10	history 303:4
305:2 306:5 310:6	195:1 210:12	94:1,2 128:15	195:6 265:11	hit 324:12
happened 248:3	211:1 212:9	133:17 276:3,4	270:10 276:16	hmm 194:12
300:20	229:15 237:11	289:13 298:20	306:19 307:2	hold 56:10 173:3
happening 49:19	245:17 247:5	hearing 76:18	313:21	173:10 248:16
101:6 161:20	248:19 250:22	108:15 245:6	helping 99:6	300:3
167:16 183:3	251:5,8,11,14	hearings 222:10	229:10	holding 1:21 66:10
241:2,12	252:10 254:19	hearken 94:8	helps 49:18 81:5	67:8 277:19
happens 54:20	257:2 259:6	heart 33:2	116:15 146:3	holds 282:7
156:12 211:14	260:14 262:21	heavily 318:20	hens 91:14	home 17:5 156:3
220:19 256:3	266:12,22 267:20	heavy 187:21 258:8	hesitate 240:20	196:22 197:1
happy 104:11	268:20 270:11	heck 110:20	he'll 184:18	248:3 324:12
113:15 308:13	277:7 280:9	heightened 316:17	hide 73:2 180:5	honed 110:4,6
321:10	282:21 284:2	317:4	high 47:21 71:7	215:20
hard 31:19 78:18	285:12 293:20	held 143:9 180:8	107:11 201:4	honest 102:11
103:20 104:12	303:17 304:21	263:4 277:21	211:21 214:8,14	281:5 315:11
	303.17 301.21	200.7277.21	211.21211.0,11	201.5 515.11
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

honostly 172.6		263:20	55:17 56:20 60:15	improvoments
honestly 173:6 244:20	1	illustrative 241:12		improvements 134:19 203:6
· -	IAG 3:15 14:13		66:15 67:11,16	
honing 145:19	17:1,20 18:22	246:18	74:12 77:11,15,16	266:1 305:4
honor 284:10	19:16 22:6 31:22	imagination 173:9	77:22 78:3 79:6	improves 51:11,14
hoof 92:15	IASB 38:8 64:6	188:5 287:1	79:16,20 80:13	298:15
hope 8:5 21:12 34:7	275:18	imagine 306:1	91:2 102:10,22	improving 13:7
103:2 106:18	ICAEW 185:2	immediate 45:5	106:14,15 109:6	14:8,9 30:22
112:20 117:6	ice 234:3	immediately 219:1	114:4 115:2	51:21 63:8 93:3
121:18 160:12	iceberg 32:20,22	264:1 286:19	119:19 121:4	111:4 136:13
214:22 217:17	idea 9:22 47:13	immense 99:19	125:22 128:16	146:14 237:18
225:2 232:1 266:2	54:1 58:13 60:18	impact 13:10 55:9	130:4 134:16	308:9 322:10
309:15 311:18	86:11 154:7	58:16 114:21	156:16 165:7	inadequate 140:13
312:9 320:22	155:11 205:8	183:15 269:11	168:8 169:1,13	inaugural 14:12
323:3	271:7 272:19	288:6	177:6 186:11	incent 25:8
hoped 21:15	ideal 115:19 280:15	impairment 60:22	189:14,17 193:20	incented 219:18
hopefully 7:12	ideally 316:19	impairments 60:10	197:20 200:9,14	incentive 66:17,18
37:18 86:8 130:15	ideas 106:10 107:1	60:21	213:20 222:7	67:1 107:22 132:6
166:7 261:12	129:11 175:20	imperial 248:5	225:4,7 230:10	136:6 170:14
hopeless 275:14	213:15 247:1	impersonal 302:5	235:18 237:19	253:7,8,15 296:4
hoping 117:3 266:5	identification	impetus 206:2	239:19 246:3	incentives 3:11 4:4
309:16	44:13 47:8,10	implement 185:17	259:22 262:9,19	4:6 20:16 22:8
horse 190:1 191:8	146:1 266:15,16	185:21	263:12 266:10	24:20 83:5 107:21
hospitals 83:1,2	271:8 275:5	implementation	267:8,17,20 268:7	108:1 163:20
hostile 301:3	276:16 277:5	117:19 122:13	271:8 295:2	164:3 165:14
hot 234:3	306:12,14	126:2 185:18	296:17 304:16	166:14 178:14
Hotel 1:11	identified 40:17	189:1	311:17 313:10,16	253:19 254:15
hour 20:12 118:18	44:19 116:8 118:5	implemented 125:5	313:17 319:17	320:16
hours 44:12,12	127:2 136:9 209:4	155:2 185:15	322:21	incentivize 163:5
45:7 46:16,17	230:17 276:21	246:17	importantly 8:6	inception 14:6
47:18 49:2,9	277:4 287:22	implementing	167:13 222:18	inclination 224:18
79:21	identifies 203:20	122:10	316:11	include 148:8
hour's 261:11	identify 21:20	implications 17:12	impose 243:18	155:3 242:5
housed 83:13	31:13,19 64:16	157:16 192:18	imposed 92:1	252:16 264:22
Howard 22:14	202:8 272:16	222:3 246:16	153:14	included 58:4 60:1
HP 91:21 92:2,3	identifying 62:10	311:6	imposes 91:6	94:12 96:5 114:10
HSBC 101:9	67:22 134:22	implied 290:7	impossible 146:15	149:8,21 160:11
huge 91:22 248:21	203:7 270:13	importance 11:3	imprecision 319:19	167:4 266:11
250:4,6 276:20	272:8 301:21	13:16 27:17	impressive 177:19	269:6
hum 34:19	identities 267:13	107:21 129:10	improve 86:12 99:8	includes 22:14
human 272:8 277:3	identity 212:13	169:10 199:12,13	126:21 175:14	146:17
282:16	281:2	230:18 315:11	238:11 273:17	including 26:14
humbling 175:3	IFIAR 260:3,4	important 9:6,13	297:2 303:21	31:22 35:17 46:13
humility 53:22	ill 312:5,6	9:17 10:20 12:15	improved 124:20	73:6 79:13 99:17
hundred 215:18	illness 7:5 22:16	13:1,3 18:11	124:20 213:16	131:3 173:14
hunt 265:5	illusion 103:12	27:18 34:18 39:7	264:8	174:15 203:19
hurt 120:14	illusions 84:8	43:3 44:5,10	improvement	213:2 236:12
hype 270:1	illustrate 51:2	46:11 48:9 53:10	169:2 295:13	242:2 267:10

			40 400 000	<u> </u>
273:15	India 72:5	304:8 306:11,18	19:4 23:9 27:22	informative 60:4
inclusive 164:1	indicate 7:8 32:18	306:21 308:21	33:6 38:5,10	60:16
inconsistent 52:18	85:3 100:10	309:7,12 313:9,17	39:10,12 40:6,8	informed 14:16
54:13 66:7	indicated 18:20	316:15 320:12	40:12,16,18,22	54:5,18 55:2 73:2
incorporate 115:3	19:19 97:1 238:5	indices 82:3 99:21	41:7,9 42:19	86:15 142:14
incorporated 69:19	260:17 291:2,10	indirectly 240:14	45:12,19 46:5,19	148:1 178:12
102:20	indication 128:17	individual 77:5	47:2,5,8 48:22	189:9 196:7 312:6
incorporates	140:15	80:4 98:20 110:22	49:4,11,16 50:12	312:7
198:13	indications 85:14	116:5 129:4	55:7 57:10 58:12	informing 34:13
incorrect 173:20	indicative 61:20	130:12 157:2	62:6 64:1,4,7,15	informs 273:14
incorrectly 173:19	indicator 37:3	170:17,17 186:9	65:15 79:18 81:9	ingredients 69:14
increase 278:22	42:16 56:14 60:2	198:12 265:11	86:13 87:19 90:2	inherent 202:4,11
282:5	68:19 95:3,7	270:17,20 277:4	95:21 96:11 98:13	202:12,18 216:13
increased 57:18	105:3 107:6	278:12 286:9	98:15 102:19	inherently 217:9
63:6 72:5	109:13 110:1	287:5 302:18,22	103:12 104:5	277:14
increasing 198:7	149:19 229:4	316:21 317:21	105:2,7 113:3	initial 81:2 114:14
255:9 257:19	indicators 3:9,17	individually 271:1	114:10,16,18	221:10 295:16
increasingly 170:7	13:6 20:14 22:3	individuals 68:10	129:1 132:16	303:9
300:13,20 301:3	23:3,5,8,12 24:11	68:11 156:1,1	142:9,10,13,16	initially 116:4
incredibly 146:20	24:11 25:5 31:7,9	216:5 278:4,8,10	143:16 146:21	136:15 185:7
262:19	31:20 34:12,15,20	individual's 277:20	147:17 149:3,6	232:5
incur 154:19	35:2,11,22 36:19	282:9	150:1,17 151:1,7	initiating 31:12
incurred 156:4	39:2,4,8,16 40:1,3	industries 96:19	152:18,18 153:1	initiative 96:3
indefinite 161:11	41:3,5,21 42:2,5,8	industry 47:18	153:12,21,22	130:3 243:17
independence 50:5	42:9,11,17 43:5	48:5 50:1,3 65:10	161:12 167:19	initiatives 65:14
70:12,13 74:19	43:18,21 44:10,16	79:4,7 80:8 97:2	178:12 182:1	123:20,21 125:3
155:4 163:6	45:6,21,22 46:2,8	97:10,11,14,19	183:17 186:17	129:19 181:4
183:16 191:6	46:22 47:16 48:2	98:2 134:17 137:6	187:17 189:4	305:1
204:6,9,12,14,18	48:20 49:13 50:7	141:11,14 171:7	196:1,3,6,14	inject 153:2
215:11 249:12	59:3,5,7,10,12	172:13 173:1,2,7	199:1,2 206:15	input 19:12 20:5
255:17 256:21	60:4,5,17 62:8,11	174:6,18 214:13	207:18 208:16	28:1 31:2 68:4
257:18 258:5	65:13 66:22 67:22	219:12 221:1	213:3 231:10	108:4,18 111:14
288:7,11 303:10	68:1,5,8 69:3,20	270:9	240:7,9 242:11,20	168:1 244:21
303:11	70:10 74:19 75:6	industry-by-indu	243:19 244:14	316:11
independent 25:11	79:15,19 84:6,21	98:7	245:1 249:2	inquiry 236:10
26:16 27:9 47:3,4	85:6,18,19 86:2	INE 222:22 223:4	256:14 262:9	inside 71:21 79:7
50:21 51:4,11	92:15 96:22 99:8	inefficient 217:8,15	264:19,22 265:10	199:7 220:10,14
52:4 58:1,4 87:4,5	102:9,17 104:10	INEs 4:14 183:11	265:14,20 266:4,8	225:21 227:15
181:21 182:15	104:17,18 105:6	183:15 186:13	266:10,19 269:7,8	insiders 226:7
183:10 185:4	105:15,19 107:18	199:13 205:8,19	269:10,18,22	insight 14:13 33:7
191:18 205:2,11	107:19 108:1,2	206:2,5 216:11	270:3,3 271:5,19	33:11 34:22 36:12
216:11 222:11,13	131:19 132:22	222:8,20	271:20 273:12	36:14 70:11
231:3 259:11	149:20 168:14	infinite 99:20	278:18,22 279:1,6	insightful 245:5
320:18	198:1,11,19	influence 37:13	279:10,12,22	insignificant 255:7
independent's	200:18 216:21	inform 33:10,13	302:6,10 303:3	insist 299:14
255:2	231:8 238:3	38:10 67:20 113:5	305:14 306:10,17	inspect 16:5,19
index 82:1,2,6	256:13 282:12	information 15:18	306:22	73:14 84:19
	•	•		-

			I	I
152:15,16 169:11	311:1	interested 6:11	102:15 153:18	239:12 259:15
293:15	inspectors 17:9	23:20 24:1,4	interpretations	260:15 288:8
inspected 44:18	installing 186:13	39:19,22 48:11	289:14	302:22,22 305:20
45:16 65:18 72:18	instance 64:10	51:5 72:2 94:5	interrupt 129:20	310:2 312:3 319:5
73:13,14 130:11	238:1 295:15	135:21 145:15	intervention	322:11 324:9,19
130:12 141:9	instances 123:11	146:14 154:20	241:13	investors 2:6 12:1
199:19	158:14,15 289:2	172:7 179:13	interviewed 179:6	14:8,14 18:20
inspection 3:22	Institute 38:3 50:8	191:20 242:22	interviews 203:15	19:3 20:7 23:18
18:6 20:15 44:17	50:9,19 51:6,22	245:22 295:12	203:15	26:13 27:12 29:16
44:22 47:9 57:15	64:2	interesting 7:1 12:3	intrinsic 88:16	33:7 39:11,14
63:4,9 64:21 65:1	institution 272:15	26:1 41:4 51:15	introduce 8:13	40:6,8 53:22
65:8 72:7,11 74:4	institutional 2:6	53:12,13,20 58:7	237:12	55:14 61:21 85:13
95:4,7 110:15,22	29:16 140:4 166:5	76:22 79:20 85:1	introduced 21:3	86:14 96:12,14
111:5,19,21 112:7	316:4	87:1 97:3,20	28:4	105:2 106:16
112:19 113:13	instruments 229:9	100:18 101:12	introduction 3:8	128:17 138:19
114:9 115:8,16,17	insufficient 320:6	109:4 115:21	4:5,21 24:10	140:4 142:6
115:18 116:3,14	intangibles 69:19	164:20 165:16	37:22	145:14 150:3
117:15 119:16,17	integrated 227:20	181:6 194:16	introductions 3:3	173:13 178:11
120:20 121:6	integrity 26:21	200:5 203:2	3:15 28:8	179:18 184:12
124:14 125:10,11	68:13 70:16	205:10 207:18	intuitions 88:22	198:22 212:1,7
125:14 126:13,13	177:10 230:13	208:8 233:5	intuitively 88:19	215:6 225:3,8,9
127:14,16 128:2	integrity-filled	241:14 242:9	206:17	225:12 226:6,21
128:12,21 131:3,4	225:11	246:13 260:9	invariably 72:17	229:7 230:11
131:7 133:14	intend 10:1 34:16	318:8	inventory 61:2,3,13	237:7 238:16
134:20,21 136:10	36:4 153:11	interestingly 52:12	invest 6:14 33:9,17	239:18 247:9
137:1 140:11	intended 155:16	53:3 241:22	67:1 68:18	256:2 259:17
141:15 148:2,5,18	280:7	interests 154:12	invested 23:22	262:4 267:21
148:21 149:17,22	intends 20:8	178:15 202:12	investigation 91:19	268:3,4,5 269:13
150:17,20 151:18	intensify 299:2	interim 10:20	investment 28:21	297:2 299:19,22
153:4 156:7,7,12	intent 207:5	313:18	68:6 69:5 70:4,4,5	301:3,15,20 302:4
158:9 159:10,13	interacted 64:19	interject 237:14	71:5,11 127:5	302:19 303:6,22
159:19 166:13	interaction 3:13	internal 4:17 79:13	130:4 136:7	305:22 306:2
194:17 198:5	4:21 20:17 22:13	96:2 127:8 130:21	137:15	312:22 314:20,21
199:3 213:3,4,7	230:9,19	131:4,6 158:19	investments 155:2	315:22 316:4,5
216:21 237:3	interactions 177:16	191:15 228:9,11	155:8,9	319:18 320:4
291:20 293:18	interest 21:14	233:2 234:12	investor 1:3,12 6:4	321:14
310:21	39:21 50:16 83:8	307:15 317:6	14:11 20:4 26:20	Investors/Disclos
inspections 2:20,22	87:14 92:3 142:15	internally 71:2	29:9,13 30:1	5:10
13:7 14:22 15:3	175:17 178:6,7	95:13 169:12	32:11 51:2 54:5	invests 311:10
15:13,22 16:9	183:12,13 184:11	190:3	54:12,14 68:3	invisible 306:16
17:4 21:4 25:7	188:16,16,21	international 15:2	84:2 102:12 103:3	inviting 308:1
40:19 72:3 107:12	194:6 202:2,5,6,9	16:22 50:20 140:1	108:9 109:18	involve 59:12
111:2,10,19,20,22	202:12,18 203:1	231:3 259:10	111:15 115:15	156:15,16 213:12
112:5 123:11	203:19 230:11	internationally	137:14 141:19	274:2
127:8 128:13	231:2 236:4	259:21	163:7,21 165:22	involved 42:20
131:22 147:16	252:14 310:19	Internet 61:8	166:2,5 178:7	75:20 88:9 157:3
157:7 279:20	322:2	interpretation	210:7 231:20	186:2 214:4 220:8

	l	l	l	l
266:16 274:12	267:17,21 275:4,8	202:7 204:12	67:10 77:18 92:16	122:18,21 123:5,9
278:20 292:3	277:9,11 279:3,5	227:21 230:16	102:18 111:12	123:15 155:13
323:9	279:7 280:13	232:3 239:1,8,10	127:6 130:2	156:14 204:4
involvement 301:3	282:10 285:17	240:18 244:21	139:13 143:6	281:13 282:1
involves 120:21,21	287:9,13,16	254:22 258:5,6	144:15 150:11	316:22 322:7,15
290:8	294:12 296:2	259:4 260:10	151:3,9,14 155:7	323:5,8
involving 121:12	299:17 307:13,19	261:12 263:18	174:10,17 224:17	judgment 59:18
121:14	307:20 308:6,20	264:4 267:5,16	226:12 236:1	80:5 120:22
IPO 314:13 316:7	309:19 311:3	268:7 281:19	248:13 271:18	281:18 292:2,3,4
IPOs 314:10,10	314:2,3 319:11,13	285:9 289:19,20	jobs 155:6 169:19	294:2
IRA 210:2	issued 9:8 15:14	294:10 304:5	229:11 314:14,19	judgments 145:16
iron 223:20	17:8,11,14 18:1,6	305:12,13 307:12	Joe 22:10 25:15	281:7 289:18
irrelevant 175:1	19:8 111:21	307:14 309:8,19	29:3 81:14 83:20	291:7 319:16,17
ISB 288:2,2,18	113:21 126:14	320:9,15 321:14	85:2 86:9 89:8	judgment-driven
ISB-1 293:9	127:1 158:18	322:4	96:18 98:18	225:10
ISO 73:19	159:5 191:10	issuing 114:1 158:5	103:15 128:2	judiciously 43:4
issuance 31:12	237:5 288:21	313:18	131:10 141:17	jugular 254:1
issue 10:7 17:20	issuer 17:2 97:11	item 160:13 219:15	163:11 166:6	July 15:15 16:5
21:13 27:1 34:7	98:2 137:5,11	296:16	176:13 184:16	jump 69:18 254:4
45:17 56:2 59:15	147:16 148:21	items 116:9 117:18	206:19 212:6,14	266:7 293:20
67:20 69:22 71:1	149:17 256:2	119:14 124:9	220:21 230:4	317:11
71:2,13,13 74:17	issuers 112:1,3,4	136:20 145:2	251:2 257:2 275:2	June 15:14
75:9 77:21 82:18	189:19 216:14	159:3 284:6	300:13 309:9	junior 193:21
94:22 95:1,10,11	279:16	287:18,19	322:1	jurisdiction 251:2
97:7 104:4,19	issuer-specific	iteration 114:17	Joe's 88:2 134:15	259:13
108:11,13 111:2	131:2	it'd 84:22 134:19	176:5 189:13	jurisdictional
113:18 115:7	issues 12:4 17:21	146:5	212:16	240:1
119:16 121:1	18:15 25:9 26:7	it'll 77:21 130:4,6	join 12:11 21:10	jurisdictions 11:10
134:2 144:17,18	27:19 28:1 34:18	201:1 307:1 311:6		16:16,19 17:3
145:21 148:22	34:18 38:11 45:10	i.e 196:18	joining 162:5	Justice 284:19
150:8 160:22	50:16 56:6 60:10	J	joint 82:14 284:16	Justice's 201:11
161:15 169:21	64:3 67:10 70:19	$\overline{\mathbf{J}}$ 1:20,21	310:21	justification 10:18
170:6 175:9	71:12 72:16 74:5	Janine 260:5	jointly 149:13	justify 10:14
178:19 189:12	74:14,19 78:13	Japan 15:9	joking 283:4	203:10 293:5
192:13 196:9	83:16 91:6 96:18	Jay 2:11 3:5 9:2	Jonas 2:17 3:17	K
200:13 204:18	97:22 98:18	12:9 133:18 254:3	31:4,4,17 32:7	keenly 145:15
205:2 209:5,5,6,8	107:20 110:21	Jeanette 2:10 3:6	100:14 105:22	keep 6:15 38:15
209:9,9 210:9	116:8 122:4 125:2	9:1 10:16 12:9,20	106:1,2 108:20	44:2 48:8 49:3
229:3,4 232:10	127:2 145:9 146:8	30:11 31:5 138:18	109:10 110:3	77:11,17,20 86:8
235:4 238:18,21	147:12 157:3 163:22 165:11	Jim 2:8 3:4 28:7,9	Joseph 1:19 4:11 4:15	93:17,22 95:1
240:3 241:1,2,15 242:12 243:22	169:8 173:9 176:1	74:6 150:4 187:12	Journal 82:2	100:22 108:8
1 242.12 243.22	176:4,10 179:22	221:13 291:1,10	JPMorgan 43:11	163:18 164:21
		· ·	O	
254:1 255:1		Jim's 53:5 185:22	Lindaa 2+1 20+17	רינהו 1/1:19
254:1 255:1 256:22 257:6	182:18 183:2,13	Jim's 53:5 185:22 Joann 324:17	judge 2:1 29:17	171:19 183:3 210:21 212:10
254:1 255:1 256:22 257:6 259:9,16,20	182:18 183:2,13 186:12,14,15	Joann 324:17	56:4,7,8,12 78:15	210:21 212:10
254:1 255:1 256:22 257:6 259:9,16,20 262:11 264:11	182:18 183:2,13 186:12,14,15 191:3,10,12	Joann 324:17 job 6:22 24:16	56:4,7,8,12 78:15 104:8 119:5,21	210:21 212:10 214:2 215:20
254:1 255:1 256:22 257:6 259:9,16,20	182:18 183:2,13 186:12,14,15	Joann 324:17	56:4,7,8,12 78:15	210:21 212:10
254:1 255:1 256:22 257:6 259:9,16,20 262:11 264:11	182:18 183:2,13 186:12,14,15 191:3,10,12	Joann 324:17 job 6:22 24:16	56:4,7,8,12 78:15 104:8 119:5,21	210:21 212:10 214:2 215:20

251:14 322:14	83:12 100:20	168:20 169:3,14	283:8,14,22 284:3	143:14 165:5,22
keeping 85:17	185:17 186:22	169:17,20 170:3,7	284:20 290:19	166:5 179:1 188:3
101:8,13 105:8	knee-jerk 196:7	170:14 171:3,15	294:7,8,15 295:9	192:11 206:17
132:3	knew 141:1	170:14 171:3,13	300:11,17 301:10	227:14 234:10
keeps 86:5 194:15	knocked 212:12	171.21,21 172.1,3	303:7 305:1,3,8	302:4
252:12 283:7	know 6:6 9:20 11:8	175.16 175.7	306:5,10,15 307:1	largely 11:14
kept 110:4	12:14 30:5,8	178:5 179:10,15	308:5,12 311:21	185:19 209:8
key 31:20 44:14	33:17 37:14,18	180:5 181:12,22	312:3,11 313:13	235:14 320:17
67:10 84:18 99:4	43:9,10 49:9 50:9	182:18,22 184:1,7	314:6 315:3,21	larger 79:5 188:6
112:9,10,12,15	52:10,10 53:2	184:12,12 185:22	314.6 313.3,21	192:4 204:1
139:11 147:6	54:7,9,12,22 55:3	186:10 187:3,3,5	318:17 319:5,11	largest 29:21 32:22
167:14 168:12,15	56:11,12 57:21	187:19 189:18	322:12 323:7	112:16 116:7
170:19 221:12,12	58:11,22 61:22	190:1 191:12		124:5 136:8 137:9
236:15 305:1	63:3,15,21 64:12	190.1 191.12	knowing 226:19 263:7 271:20	303:1
	66:5 70:8 71:3	193:21,22 194:15	knowledge 33:8,8	
316:6,15		*	,	large-scale 189:1
kick 115:20 284:20	75:7 76:21 77:9	196:7,8,10,14,18	79:4 166:6 169:6	Larry 7:4 28:21
killed 258:21,21,22	77:11,17,21 78:8	197:12,13,18 198:16 199:8	305:16	163:12 166:2
kind 34:21 42:12	78:15,17 79:6,8		known 217:6	171:1,2 230:4
49:6 75:20 80:14	79:14 80:22 81:12	201:1,10,14,20	knows 109:20,21	lasting 13:10
85:2,12,13 132:14	82:13,21 84:11,22	202:20,20,21	114:3 186:18	lastly 174:14
135:2 146:21	85:1,7,12,20 86:4	203:15,18 204:2	219:13 260:20	233:14
155:9 166:12,22	86:10 87:1,7,10	204:11,18 206:20	323:11,12	last-minute 32:15
167:11,18 168:10	87:17 89:2,22	207:1 208:8	KPMG 177:7,7,9	late 24:15 222:10
168:15,21 170:21	90:4 91:8,14	209:16 210:20	186:3	lately 64:2 246:10
180:6 181:5 186:6	92:20 93:15 97:4	211:11,22 212:14	Ks 276:19	latest 19:17 20:1
186:13 191:13	97:5 99:10 102:1	217:5 218:12	L	Laughter 93:20
193:15 194:15,21	104:3,13 106:2,17	219:9 222:9	L 1:18,22 2:6 4:7	110:18
196:14,17 197:7	107:10 110:21	223:19 224:21	labor 209:9 271:4	laundering 188:18
197:13,13,16	114:2 119:3	225:21 227:3,16	lack 12:2 15:12	law 29:14 142:15
201:13 204:2	126:14 127:1,4,19	228:13 230:3	144:17 191:6,6	144:19 182:18
215:3,8 217:16	128:10,19 129:17	233:17 234:7,15	273:21 299:6	225:2 249:22
224:12 226:3,6	130:1,14 132:3	237:12 238:13	301:4	252:18 254:16
227:6,7 228:2	133:1,2 135:2,13	239:13,20 240:19	lag 134:7	311:13 314:5
229:8,10 238:17	135:18 136:16	242:9,21 249:20	land 126:7	Lawrence 1:23 4:9
241:11 245:13	137:12,13 138:10	250:3,5,7,12,20	landscape 302:21	22:11
250:18 273:18,21	138:12 140:20	250:21 251:16	302:22	lawsuit 201:11
274:21 278:15	142:1 143:9	252:15 254:4	language 140:13	lawyer 87:6 165:19
283:3 301:10,15	146:15 148:10	255:7,10,15	160:16 180:6,22	171:4 235:19
305:8 317:3	153:19 154:9,11	256:18 257:7	181:6 249:18,22	240:20 242:6
318:17	156:2,3,6,9,10,12	258:20 259:3,8	252:21	252:16,19 323:13
kinds 45:11 48:7,10	156:18 157:2,2,4	262:3,17 263:16	large 27:3 71:22	lawyered 318:20
62:2 89:19 99:21	157:8,9,11,14,22	265:4,6,7,18	96:1 112:3,3	lawyers 87:11
105:19 123:5	160:5 161:10	266:2 268:5 269:9	113:21 114:9	252:20,22 254:17
191:22 201:19	163:6,19 164:4,8	272:9,10 273:1	115:21 114:9	lawyer's 87:2
211:18	164:16 165:20	274:8,17 275:19		lay 289:16
King 2:5 28:17	166:17,18 167:1,7	277:9 278:19	122:16,18,21 138:3 140:3	lead 21:7 22:7,12
Kingdom 15:7	167:15 168:2,15	279:7 281:2 283:6	130.3 140.3	45:14 62:15 65:19

65:22 141:19	268:1,2,3	314:22	181:8	184:21
163:10 164:4	letting 214:3	liberty 232:1	lists 237:20 243:2	long 9:9 10:10
166:10 176:9	let's 45:20 51:7	life 190:10 281:3	literally 146:7	61:10,12 67:2
232:12 268:16	110:9 144:4	LIFO 61:2,3	223:19 228:13	91:9 113:18
leader 227:7,8	148:14 196:12	light 74:7 141:3	literature 81:19	126:11 143:19
leaders 22:2 35:17	322:5	144:21 146:9	89:8,14,18 257:19	174:6,10 191:5
160:18 168:11	level 42:3,5 44:10	147:13 183:22	257:22 258:7	207:6 217:4
259:14 260:1,4	46:22 49:1,1	likewise 14:1	276:15,17	219:12 250:13
leadership 15:1	50:18 71:4 78:10	limit 58:8 104:13	litigation 11:16,18	257:15 269:19
124:8 168:6	78:10 79:4 80:12	limited 32:12	280:8 281:3,6,15	271:10 279:18
177:11,17 207:13	97:14 123:4	225:19 240:1	285:9 286:7,15	307:16 322:14
324:7	127:20,21 137:21	282:18	299:5,9,11,21	longed 106:22
leaderships 168:9	174:14 175:4	limiting 289:16	300:3	longer 31:13 75:18
leading 31:16	242:15 256:15	linchpin 181:16	litigation's 299:18	168:9 172:20
93:11 191:8	271:7 282:3,5	line 104:21 135:17	litigator 280:21	long-form 101:14
leads 100:17 277:5	300:8 301:21	168:2 173:21	281:12	long-lived 60:22
lead-in 187:11	305:16 316:20	175:20 219:15	LitiNomics 2:4	look 9:15 11:20
learn 71:3 81:6	319:18	229:1 231:12	little 32:21 43:11	13:14 24:15,16
175:14	levels 44:7 46:12,15	255:6 293:9 313:6	43:17 50:7 54:9	26:3,5 27:22 31:1
learned 17:6 88:11	47:12 49:17,20	322:6	57:10 77:9 82:16	31:2 47:1,12 52:6
learning 81:12	55:4 77:22 97:18	lines 167:21 172:16	90:21 95:18 119:7	54:12 56:17 61:7
130:18 192:2	98:5 316:18	188:1,4 197:3	122:7,7 123:17	66:21 68:20,21
leases 64:6	Lever 101:10	245:20 304:20	141:2 176:11	72:9 81:1,21 82:7
leave 151:5 303:20	leverage 227:9	link 96:17 244:2,9	184:18 187:12	84:10 86:21 100:8
leaves 155:11	303:2	linkage 30:18	189:10 193:1	105:5 108:15,18
296:19	Levitt 204:11	linked 30:15 46:12	195:16 197:8	112:2 119:21
leaving 151:19,21	Lew 2:9 9:1 12:8	168:19,21 292:4	200:5 211:14	121:12,13 122:3
led 21:3	99:11 101:16	linking 46:14 199:4	228:21 232:2	123:1 125:12
left 199:10 211:4	103:15 129:14	links 262:1	233:22 234:7	130:7 131:3,21
240:2 286:16	207:15 209:4	liquidation 61:3	238:19 239:1	133:21 139:1,2
301:16 307:7	210:8 211:10	liquidations 61:2	240:19,21 249:22	140:18,19 143:11
legal 148:10 225:1	260:5	liquidity 314:12	252:17 256:2	146:18 151:9
241:20,20 245:13	Lewis 3:5 10:16	list 17:1 30:17	299:17 302:1	156:4,6,7,17
245:16 253:2	206:13	35:20 69:14 93:4	317:22	163:20 164:14
280:3,7 282:19	Lew's 93:18 219:19	96:21 113:12	live 171:8 177:20	174:16 176:15
318:20	252:13	133:20 134:1	208:4	181:21 184:9
Legg 1:22 29:11	liability 275:4,8	146:7 239:2	lived 190:9 197:4	186:12,14 187:15
legislation 132:5	277:9,10,11,11,12	240:15 251:19,20	lives 281:14	189:15 190:11
lengthy 185:1	277:15 278:15	253:17 254:8	living 89:17	195:15,16 200:9
290:20 296:16	280:3,14 282:18	285:19 292:17	LLC 1:17 2:1,2	201:19 204:1
lens 186:14 320:10	284:13 285:7,10	listed 104:18 264:5	29:6	221:2 226:14
lessons 17:6 175:14	285:14,17 286:6	317:15	loaded 247:18	234:21 238:1,17
letter 94:10 224:9,9	286:22 287:6,8	listen 12:16 251:8	loan 141:14	241:14 242:7
226:2 280:4 283:1	299:1,3 304:5	297:16	location 239:1	244:7,13 257:12
288:12,21 289:4	liable 277:19,21	listened 83:9 157:6	logic 299:17	258:12 259:5
290:21 293:22 letters 141:3 242:7	278:5 287:4	157:6	logjam 250:18 London 183:9	269:15 273:1
letters 141:3 242:7	liberal 102:15	listening 105:21	London 183.9	287:14 293:21
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

200.7 22 202.17	104 10.22 12.2	105.21.215.5	170.4 172.17	
298:7,22 302:17 303:4 305:12	lot 10:22 13:3	195:21 215:5	170:4 173:17	manner 134:4 256:9
	50:11 56:13 63:7	219:16 221:1	196:15,22 197:2,2	
315:10,11 321:21	66:8,13 67:3	lucky 324:14	198:22 200:22	manufacturing 73:18
looked 25:5,9 56:20 77:9 89:7 114:13	72:14 75:3 76:6 77:3 78:10 79:13	lunch 3:25 161:7	213:2 234:17 269:15 283:11	March 235:10
		162:2,2,6 200:15 Luther 2:5 28:17		
181:19 189:12 190:6 201:11	80:18 82:9 87:11		299:11 302:4 317:7	margin 50:17 58:6
241:5 263:17	88:11,18 89:13,14 92:11 94:14	Lynn 2:3 22:5 28:16 53:4 71:16		218:5,15 223:18
291:6 315:12		93:9 94:6 99:15	manage 37:20 87:15,16 172:5	marginal 274:5 marginalize 320:22
looking 18:21	102:19 103:11,15 104:9 106:8	103:22 108:17	202:8 203:8 254:1	margins 214:8
24:20 40:16 43:21	104.9 100.8	138:15 145:8	317:8	217:21,22 227:3
45:4,11 46:18	112:1 113:2,10	153:5 155:13	manageable 35:21	mark 185:22 310:4
55:3 58:6 59:1	115:22 128:10	160:20 164:7	managed 191:16	marker 324:17
61:12 63:8,13	136:11 143:2	209:6 217:19	217:9 227:5	market 98:4,5
67:5 68:17 69:14	150:11 145.2	218:8 224:17	management 2:5	102:18 114:3
78:12,17 81:22	157:21,21 160:22	225:15 227:7	28:18 45:21 66:10	134:17 161:14
89:10 92:12	164:6 166:16	268:20 270:13	82:15 85:9 152:11	170:4 183:9
102:13 103:6	172:20 173:7,16	275:15 285:12	156:18 173:13	190:13,19 197:11
122:17 125:6	172.20 173.7,10	289:16 290:19	177:5 178:9,15	205:13 211:16,21
129:21 131:16	184:6 188:5	293:20 299:2,4	189:2 200:13	221:6 226:18
137:16 140:10,21	189:11,15 195:22	309:8 317:15	224:8,15 225:22	254:1,13 303:2
141:1,12,13,14	196:2,13 206:14	307.0 317.13	226:7 248:7	306:10,20 311:4
151:17 152:6,18	208:5 210:6	M	249:20 250:20	315:21
157:9 160:16	212:20 213:11	M 1:23 2:2 4:9	258:3,3 321:6	marketing 253:4
164:11 183:1	214:7,7,17 223:11	machinery 61:1	management's	317:20
191:19 192:20	224:2 230:5	mad 224:2	248:1 318:10	marketplace
203:5 226:15,16	237:18 242:9	Madoff 174:3	management-crit	211:15 241:3
226:16,21 227:14	243:9 245:5 246:7	magnify 202:22	145:16	markets 18:4 26:13
228:4 234:16	254:21 258:4	magnifying 202:19	manager 44:12	26:21 62:1 83:8
238:9 248:20	262:3,18 272:1	main 106:12	49:17	128:17 152:17,19
249:6 250:22	284:17 300:22	131:11 173:21	managers 46:18	166:1 190:11,14
253:5 269:14	303:12 304:2	183:8 239:3	49:2 269:21 304:3	190:15 300:9,21
298:3,13 316:20	305:5,14,22 308:2	278:18 308:18	319:4	301:2,21 302:5
322:4	310:17 315:20	320:7	managing 2:3 75:7	310:4 311:6,11
looks 45:6 101:10	319:10	maintain 120:19	172:4 173:15	314:10,11
140:22 196:8	lots 117:8 189:19	maintaining 167:4	209:22 319:4	marks 14:1
203:17 225:20	202:22 297:15	249:12	mandate 96:14	Mark's 186:2
234:16 269:2	loud 257:15	major 16:2 18:15	154:7 297:3	married 316:17
292:15,19	lousy 72:22 73:8	25:22 47:18 48:5	mandated 26:14	marry 318:9
looms 227:13	love 91:8 106:18,18	97:2 127:22 179:1	150:14 231:16	Marty 2:12 107:8
Lord 284:19	117:8 118:16	228:10	mandating 150:16	237:12,15 245:20
lose 142:2	165:11 244:21	majority 248:5	mandatory 36:18	247:3 292:8 293:8
losers 98:16	low 204:8 211:13	maker 204:13	74:20 75:5 241:10	297:22 298:22
losing 217:13	218:14 221:1,5	make/take 196:20	256:4,11	307:7
loss 141:14 227:7,8	320:8	making 13:13 71:5	manifested 127:11	Marty's 199:11
losses 103:3 310:3	lower 219:2	78:3 80:4 109:18	manipulating	295:7
lost 206:6 304:17	lowest 193:7	126:22 141:17	102:14	marvelous 151:12

	1		1	ı
151:14	195:15,17 201:16	meat 239:7	137:22 138:16	27:7 37:8 38:2,8
Mason 1:22 29:11	201:21 203:14	medicine 82:22	145:8 147:5,11	39:19 50:14 51:16
mastery 86:4	206:16 212:4	224:22	148:4,8 150:5	53:4 62:20 93:8
match 129:13	221:3 226:9 227:6	meet 291:11 296:20	160:20 161:8	103:1,5 108:12
matching 130:11	249:21 250:13	309:7	163:14 166:11	134:5 157:6
material 48:4	254:3 255:17	meeting 1:5 6:4,8	171:2 175:22	182:15 230:21
281:6 317:20	256:4 265:16	13:1 14:12,19	176:14 180:14,15	234:1 245:7 249:2
materials 69:9	268:2 269:4	18:17,22 19:22	181:18 184:19	258:7,9 260:16
Matt 38:3	270:14 271:4,13	21:18,21 31:10	187:10 189:8	261:12 288:22
matter 32:6 56:7	272:6 281:1	65:1 68:22 70:17	192:9 193:5 195:7	294:4 324:3,8,8
88:12 94:9 108:7	283:20 300:11	111:6 112:10	196:10 197:21	membership 324:9
110:11 125:8	meaning 205:17	115:19 124:16	198:14 200:1,4	Memorandum
145:2 154:15	meaningful 193:10	180:7 193:18,18	201:7,8 205:4	16:10
159:2 162:8	272:6,12,15	260:3 263:17	206:3,16 207:14	memorialize 119:2
193:19 196:14	273:13 302:19	314:15 324:6	207:16 209:3	mention 38:15
214:13 215:20,22	meaningless	meetings 18:13	210:10,21 211:3,8	63:15 103:22
219:10 230:3	273:11	19:7 157:5 240:18	212:12 213:21	107:7 281:8
241:19,20 242:15	means 56:11 90:5,6	320:3	217:19,20 218:8,9	mentioned 21:15
260:11 261:17	100:2 118:1	meets 80:14 255:21	223:11 231:6	34:2 37:4 38:22
288:16 290:13	155:22 163:22	316:21	232:12 233:21	39:17 59:4 80:21
291:15,16,18,22	192:18 240:1	member 1:14 2:9	234:19 238:13,17	91:1 102:10
292:9,10,12,15,21	296:12 298:20	2:10,11 3:15 8:18	244:19 245:3,12	105:20 112:8
293:1,2,3,4,6	301:22 315:6	12:11,19,21 16:5	247:6 248:20	119:5 126:5
294:22 295:4,14	meant 63:12 77:1	21:13 22:21 24:19	251:3,6,10,13	135:10 163:9
299:5 324:21	118:13 207:11	26:11 28:10,12,14	252:2,11 254:20	291:1 296:11
matters 89:22	measurable 77:15	28:16,17,19,21	256:18 257:4	322:12 324:12
119:22 193:19	77:16 88:5 197:6	29:1,2,3,5,6,8,11	261:21 262:22	mentioning 75:22
232:20 236:11	measure 23:5 39:3	29:12,15,19,22	265:3,16 266:6,18	Mercer 1:17 5:11
269:5 288:1	40:3 69:8,21 78:1	31:5 37:20 52:17	267:1 268:9,21	7:3 22:14 29:12
289:11,13 290:4,6	78:2 99:17 109:8	53:5,7,8,13,16,18	270:12 275:2,6	86:17,18 89:12
290:8,16,17 291:2	167:11 193:15	53:19 54:16,21,22	277:8 280:11	98:19 229:16
291:11,12 292:17	308:8	55:11,12,13 56:3	282:22 284:9	248:19 250:22
292:19,20 297:14	measured 46:13	56:22 63:14 64:18	285:13 290:15	251:2 252:10
298:1,5 318:7	81:7 94:16,18	66:1,2 67:13,15	292:8 293:7	277:7 280:2,9,12
Maugham 86:3	95:13,15 99:16	71:16,18 75:12	295:19,20 298:16	283:1 294:7,18
max 152:9	104:1 168:4 175:8	76:2,3,20 77:8	298:18,19,21	295:19 313:22
mean 52:6 63:7	175:9,12	80:17 81:15 83:20	302:12 304:1,22	Mercer's 299:12
65:3,3,4 69:7	measurement	84:16 85:22 86:18	305:11,21 307:6	mere 121:13
78:22 90:3 105:14	45:21 58:2 59:14	86:19 89:12 90:19	307:22 308:17	154:21 155:15
118:7,11 120:2	measures 31:13,14	90:20 93:7,11,13	309:15 311:9	276:6
133:1,11 134:15	34:13,21 35:14	93:21 94:6,8	312:19 314:1	merger 309:19
136:11 144:15	42:21 62:2,10	95:16,17 96:15,16	316:9 320:2,21	merit 285:10
146:12 161:8	81:10 82:10 94:15	98:9,10 99:11,13	322:2	message 54:4 145:3
167:6 169:15,21	98:21,22	101:16 102:4,7	members 6:18 7:2	221:4
170:7 172:10,16	measuring 68:9,9	103:9 128:5,10	8:10,13 10:4,16	messages 194:5
174:12 178:14	68:10,15 75:8	130:6,9 131:10	11:1 13:18,21	met 1:10 115:10,11
191:20 194:3,14	78:1 81:6 282:13	134:14 135:7	21:7,9 22:4,9 24:3	metaphor 252:8

4. 1.1	1 2545	272 60 205 15		45 14 50 15
methodology	254:7	273:6,9 285:15	motherhood	name 45:14 72:15
127:21 169:10	minimum 82:7	287:9 307:11	169:15	97:17 142:1,3,4
metric 167:14	271:16 273:3	317:12 318:7	mottos 179:8	262:14 264:21,22
205:12	297:11	321:3	move 8:14 9:17	265:12 268:18,21
metrics 34:12 35:5	minority 102:8	models 219:2	45:20 87:21,22	278:13 281:21
35:15 36:9,9,11	103:4	moderate 195:2	136:14 206:21	282:9 283:10,12
36:12,15,21	minute 8:9 30:4	modification 44:8	262:20 273:3	285:20 286:2,21
106:10,13,14,15	124:2,6 129:20	278:14	298:14 303:14	287:5,6 297:8
106:21 167:8	minutes 22:19	Mojiri-Azad	305:18 311:4	299:5,7,19 300:3
301:12	57:12 59:2 93:15	324:11	312:13 313:10,16	300:5,6 301:22
Michael 1:21 22:4	93:16,17 96:18	moment 92:18	movement 206:8	311:13
95:16 96:15	130:10 210:18,20	223:13 273:6	moves 267:14	named 34:3 261:22
108:17	294:14 322:14	291:1	308:14	naming 9:18,19
micro 102:16	mirrors 178:4	momentum 16:12	moving 126:7,14	narrative 114:20
microphone 52:16	misaligned 178:14	money 6:14 69:8,13	184:14 186:19	narrowly 27:2
76:1,18 90:18	misconception	172:5,6 173:4,4,8	206:7 210:21	NASD 190:22
micro-indicators	157:8	173:15 175:3	284:1	191:2
102:21	misleading 223:8	188:18 209:22	moving-the-bar	NASDAQ 190:21
mid 190:20	misnomer 217:21	214:7 223:2 314:9	117:4	191:3,8
Middle 51:18 186:6	misreporting 103:7	316:4 319:5	multiple 64:20	national 45:9
midst 225:6	156:15	money's 212:6	190:13	127:22 169:8
migrate 306:20	missed 32:15	monitor 199:16	multiplicity 311:15	291:15
migrating 172:16	293:13	246:9	mundane 135:4	natural 97:16
Mike 28:14 64:18	missing 65:14	monitored 155:1	Munter 2:19 3:22	224:17
95:17 147:10,11	140:10,16	321:13	18:7 21:3 111:10	nature 43:15 71:9
150:5 213:21	mission 252:6	monitoring 95:22	111:16 119:9	86:4,5 189:2
219:5 268:8,9	Mississippi 1:17	96:9 122:14 127:7	120:5,16,18 124:4	206:20 256:9
milestone 14:3 34:6	29:13 280:6	246:18	128:9 129:19	naught 158:6
millions 314:11	misstatements	Monsanto's 224:1	130:7 131:1 133:6	nearly 18:12 30:16
mimicking 176:11	103:1	month 114:1	134:10 135:6	near-term 30:15,17
mind 14:3 34:20	mistake 155:18	months 15:20	136:4 138:15	111:5
44:3 48:8 49:3	mistakes 306:3	35:20 126:15	145:7 147:1,21	nebulous 233:18
50:19 77:12,17	misused 110:5	143:10 144:1,5,10	148:5 150:4 151:2	necessarily 8:19
83:11 105:8	mitigate 202:8	151:20,20 152:9	158:15	11:18 32:18 89:4
106:10 160:17	203:9	161:9,13	muscle 300:1	97:11 99:2 103:13
261:14 262:15	mitigating 164:12	moral 284:18	mush 273:11	121:11 125:4
265:13	164:15	morning 6:21	mutual 141:15	181:13 189:6
mindful 67:17	mitigation 165:12	12:19 29:5 30:2	174:15 279:14	195:8 198:7
103:19 104:8	181:20 280:19	32:7 164:7 172:18	304:3	201:21 213:1
197:5 317:9,19	mixed 52:5	188:11 198:2,20	mystique 166:8	216:6,15 219:6
318:1	mixes 164:4	209:6 211:22		271:15 276:12
minds 92:17	model 9:7 11:6	231:7 304:9	N N N N N N N N N N N N N N N N N N N	necessary 15:17
309:17	66:6 91:5 94:13	308:19	Nachtwey 1:22	16:19 96:4 133:9
mindset 169:4	155:3 171:20	moron 146:18	4:24 22:16 29:11	252:5 264:12
mine 38:14 172:6	202:5,5,13 203:12	Morris 7:5 22:14	29:11 76:3 77:8	271:19
274:17	260:18 261:9,17	mortar 61:7	109:7 233:21,21	necessity 208:6
minimization	262:8 263:15	mortgage 17:13	316:9	need 23:10,11

24:10 25:10,19	negligence 121:13	nonsense 285:2	notions 109:4	obligation 321:7
26:6 39:4,8,12	144:21 145:5	non-audit 26:3	notwithstanding	observation 91:11
42:19 43:16 48:13	155:14,15 169:17	47:6 190:18	245:21	107:4 207:16
49:11 54:5,6,12	negotiate 16:8	215:13,21 241:11	November 112:10	216:10 255:3
55:2 57:16 64:13	O	,	no-admit 278:7	285:6
	negotiated 220:13	256:1,6,22		
82:19 96:7,8	negotiations 16:13	non-commodity 226:4	no-brainer 322:18	observations 17:9
105:1,2,5,9,10,13	neither 52:7,11	- ·	no-deny 278:7	25:6 36:16 76:7
105:20 110:1	284:20	non-cooperation	nuance 80:21	145:10,17 146:4
116:9 120:16	net 16:4 277:13,16	121:9	nuanced 79:21	166:12 214:3
122:6 125:4,17,19	Netherlands 15:8	non-executive	number 15:21	observed 60:5,13
126:2 127:3 128:6	260:6	25:11	16:15 17:19 24:22	120:20
129:2 142:13	network 206:11,15	non-executives	28:5 47:2,5 48:3,4	obtain 14:21
143:16 144:14	networks 208:12	183:10 191:18	48:14,16 49:1	obvious 167:5,18
148:17 149:19	272:6 311:20	non-fee-producing	51:20 58:10 60:8	obviously 15:13
161:19 167:8,22	never 74:21 75:4,9	70:6	62:19 63:3 79:21	63:18 72:14 84:18
168:13,15 169:11	76:13 93:9 138:19	non-litigation	80:6 85:1 113:11	102:20 103:2
169:12 173:3	144:11 159:12	299:7	115:1,9 118:17	119:10 127:15
178:12 181:4	173:19,20 187:19	non-public 15:18	123:20 134:5	131:14 132:21
183:12 189:19,22	274:18,18,18	135:11 136:1	141:7,8,9 165:17	138:11 163:21
194:10 198:20	289:1,1,3,8	non-surfacing	176:7 177:1	168:13 193:10
208:18 212:7	new 10:4 13:21	169:20	178:17 182:10,13	203:14 213:8
213:12 234:8	15:14,19 16:6,16	normally 123:6	187:13 192:11	224:19 240:13
240:8 247:13	22:6 48:15 79:22	211:15 290:11	202:4 203:15	241:8 268:10
248:11 263:10	86:19 113:8	Norman 1:20 22:4	218:22 222:14	occasions 97:5
269:8 275:21	117:19 165:17	28:12 38:15 67:13	256:9,21 260:10	occur 169:12 257:1
278:9,10 280:6	197:14 213:8	71:16 96:15,17	267:18 273:7,10	occurred 47:3,4
285:10 301:6	219:4 235:10,13	98:9 108:17	288:2,18 297:9,11	69:3 190:7 255:11
305:7 306:9 308:7	236:18 238:9	154:20 254:19	303:11 307:17,18	occurring 167:20
needed 16:6 48:10	264:8 307:22	266:22 280:10	314:19	205:15 215:12,13
54:11 251:11	314:7	307:21 308:19	numbers 92:18	October 1:8 10:22
316:4	Newbrook 1:15	Northwest 1:12	95:2 99:20 100:7	19:13
needless 142:1	newest 7:2	Norway 15:8	187:15,16 189:15	odd 87:10 242:17
needs 25:2 55:21	news 138:21	nose 121:6	219:17 241:8	oddly 272:18
96:3 120:16	newspaper 218:16	note 21:18 27:13	255:7 319:15	offer 8:11 9:2
142:12 148:9	nexus 309:6,10	73:16 90:21 96:21		116:18 281:11
150:15 167:12,14	nice 147:20	133:16 146:16	0	offering 36:15
168:4,6 170:2,15	niche 214:12	182:17 234:20	object 263:3 265:9	offerings 314:18
181:9 183:14	night 13:16 24:15	235:17 236:6,22	objections 296:9	office 2:17 10:8
195:14 227:22	28:5 76:9 283:3	noted 142:21 167:1	objective 40:5	15:2 30:3 31:15
229:2 247:14	nightmare 106:3	200:15 235:21	50:19 84:12 86:11	45:9 130:2 180:5
248:18 250:11	Nina 108:11 324:10	notes 118:22	88:5 149:3 201:14	248:2 272:11
259:5 278:18	324:15	159:14	230:15 245:14	291:15
299:14 304:19	nine 151:20,20	Notice 172:9	295:4,5	officer 28:22 162:4
negative 177:21,21	nominates 258:16	notion 218:14	objectives 40:2	233:9
214:12,20 216:4	nominating 234:16	219:4 222:11	99:3,6 298:5	officers 276:19
277:14	non 185:4	280:15 282:6	objectivity 155:4	offices 160:1,2,3
neglected 178:7	nonresident 284:10	286:21 299:6	177:10 294:1	169:8

off-the-wall 217:16	295:1 323:7	option 148:9	outnumber 268:3	overview 22:2,22
off-topic 309:15	opening 8:11 9:3	307:11	output 23:6 24:8,10	24:18 26:10 32:2
oftentimes 267:22	12:9 13:19 32:6	ORA 31:18,19,21	35:7 45:2 59:4	162:6 195:10
oh 54:21 102:5	67:19 112:8	order 55:5 62:10	73:20 309:6	overviews 22:19
180:12 226:22	238:17	70:15 100:1 113:4	outputs 57:6 105:6	overwhelmingly
274:6,18 275:1	operate 87:5 170:8	123:3 125:18	output-based 39:22	178:14
298:19,19	170:22 190:11	127:9,11 134:12	48:3 59:7,11	owners 92:21 210:5
okay 22:21 23:1	221:13	136:8 170:20	62:11 68:5 84:21	ownership 267:13
43:16 50:5 73:19	operating 61:12,15	279:22	85:12 105:18	o'clock 93:16
73:20,22 74:2	61:19 100:11	ordinary 241:19	outrageous 143:18	O-F 3:1 4:1 5:1
90:19 94:6 113:18	operation 14:2	242:3 243:3,5	outreach 115:18	
134:13 135:15,22	243:5	organic 211:17	150:10 235:19	P
147:10 175:22	operationalize 13:5	212:4	outreached 108:11	page 3:2 4:2 5:3
180:12 195:16	13:9	organization 12:18	outset 8:9 21:15	166:16,22 269:9
200:1 210:10,21	operations 190:17	155:10,17 179:11	192:14	pages 85:19 88:4
211:3 215:2 216:8	190:19 206:21	199:9 200:7,7	outside 45:5 170:3	319:1
233:4 235:4 251:7	241:20 242:4	organizational	170:9 190:2	paid 99:18 164:9
252:2 275:17	243:3	185:20 226:11	237:22	173:7 223:2
285:12 289:13	operators 190:14	organizations	outsourced 45:7	painful 206:21
300:3	opinion 54:1 118:6	190:12,18 213:13	oven 69:16	palatable 161:18
old 77:14 143:16,16	158:5,18 159:5,5	213:18 271:4	overall 40:16 50:1	Palmer 187:2
271:9 288:2	161:21 174:7	organized 185:19	135:5 301:20	panel-specific
older 112:19	205:2 210:3	186:5	overarching 43:19	308:3
Olson 185:22	268:18 281:18	oriented 101:22	overcome 295:10	paper 68:21 70:22
Ombudsman 29:18	282:15 283:18	original 257:12	overdue 9:21	82:2 111:7 117:6
omitting 293:16	286:12 289:19	264:11	271:11	125:20 178:17,18
once 7:21 91:21	317:12 321:17	originally 102:10	overjoyed 185:8	178:20 179:17
108:5 110:20	opinions 319:2	136:3	overlapping 119:20	264:6
168:16 215:10	opportunities	ORs 232:16	overlay 68:5	papering 132:18
276:3 292:14	216:5	ostensibly 310:12	overriding 253:7	papers 291:17
ones 75:21 176:17	opportunity 8:11	ought 17:18 23:8	overseas 74:11	parallel 301:19
189:14 212:2	9:2 68:20 70:5	39:2,16 41:11,14	oversee 67:9	318:12
252:22 286:3	94:2 110:19	41:15 42:2 45:22	230:13	paraphrases
303:11 307:2	111:17 115:8,14	86:11 103:11	overseeing 26:15	176:19
one-man 127:20	130:18 138:6	154:5 161:1 184:8	192:20 233:12	Park 162:3
one-on-one 37:7	176:12 213:17	184:9 192:19	oversees 183:13	part 31:21 32:22
one-size-fits-all	215:16 237:14	195:11 197:4,6,6	286:7	33:1,3 57:7 66:15
193:14 194:14	294:21 309:2	209:1 212:2	oversight 1:1 6:5	72:7 107:22
ongoing 14:10	opposed 11:15,15	269:12,16 271:16	13:11 40:14 51:10	112:18 113:19,19
108:19 231:1	73:21 95:10 98:20	294:5 305:16	51:14,20 52:1,3,8	116:4 118:12
onion 215:10	120:10 122:6,19	outcome 246:14	52:19 58:15 66:17	124:9 125:22
open 3:19,23 4:19	122:22 146:4	280:16	72:3 76:11 80:15	132:3 133:2
5:14 17:17 21:21	150:14 161:17	outcomes 25:16	87:3 90:15 125:22	135:11 136:15,17
62:20 104:14	174:2 205:12	82:4 281:7	179:4 210:4,4	138:10 139:15
117:10 118:16	216:15 276:1	outfit 143:12	212:18 213:1	141:22 142:21
126:10 192:6	303:8	outline 69:1	222:22 261:1	143:1,2,5,8,9,22
232:8 251:15	opposite 87:6	outlines 14:5	oversight's 53:9	143:22 144:11
	**			
	ı		ı	ı

147 10 150 5	70 14 70 2 22	221.2	250 1 4 270 2	210 7 15 215 17
147:18 152:5	78:14 79:2,22	321:3	259:1,4 270:3	210:7,15 215:17
158:10 159:3,18	130:1 142:5 148:3	path 125:1 148:9	271:16 273:3	220:10,14 221:19
168:1 190:22	149:1,13 154:1,3	patient 84:15	279:20 299:10,13	222:1,9,22 223:1
194:13 197:18	157:19 158:3	Paul 8:2 276:5	300:20 305:2	223:1,8,17,22
199:3 200:22	166:14,14,20	pay 61:17 171:11	312:16 316:19	224:2 226:11
206:13 274:19	172:19 175:16	190:5 262:18	PCAOB's 30:15	228:2,3 229:6,21
278:21 299:22	180:1,3 193:17	302:17	162:4,6 184:2	233:11 251:11
301:1 312:7,8	196:21 205:13	paying 66:9 89:2	212:18 226:22	257:14 258:17
parted 107:7	219:12 221:16,18	134:10 188:9	228:5 232:2	261:19 265:19
participants 9:19	226:17,19 262:14	217:11,11,12	260:18 266:5	268:4 272:10,13
19:15 115:12	264:13 265:21	278:1,4	295:5,15	272:13,14 273:7
190:15 220:3	266:15 268:16	pays 74:18 75:8	PCAOB-register	273:19 274:15
308:2	270:8,13 275:5,17	278:2	17:2	275:3,6,9 276:1
participate 6:7	276:21 280:16	PCAOB 1:14 2:8,9	peace 56:10	278:11 283:10,11
108:13	281:2 286:9,15	2:10,11,13,18,20	peck 265:5	284:12,22 285:5,8
participated 45:15	299:6 313:4	2:22 3:21 8:17,22	peel 215:10	285:19,21 286:1
47:14 218:4	317:21 318:4	14:2 15:5,15,16	pen 318:5	287:11,14,15
263:19	partners 44:21	17:3,9 20:15 21:1	pending 48:14	293:16 294:11
participating 7:22	46:9,10,17,18	21:22 25:6 26:5	240:11	297:16 298:12
8:22 324:20	49:2 71:7,8 79:3	27:13 28:9 31:4,5	pension 29:21	299:14 300:12,22
participation 21:11	80:11 155:5 156:4	31:6,15 38:19	people 9:15 25:11	302:6 305:7,9,15
particular 6:18	156:9,20 157:2,16	40:18,19 41:2,12	25:16 28:5 35:3,6	309:8 317:1,16
21:14 27:8 44:17	167:21 177:2,9	41:20 44:18 47:9	38:8 45:4 50:15	people's 172:6
59:15 61:5 64:10	198:12 221:15	48:14 50:5 59:6	52:19 55:6,15	173:3,4,15 175:3
88:1,9 97:19	222:1 226:18	63:7 72:3,11,18	58:22 68:13 71:20	283:15,15 310:20
129:5 130:15	228:19 272:19,20	72:21 73:10 78:5	71:21 72:15 73:13	perceive 55:16
137:13 145:14	272:21 302:18	78:7,10 79:9	73:21 74:4 77:3,6	perceived 173:12
179:12 266:9	306:3,13 317:14	83:15 92:10 95:4	79:3 83:2 90:4	175:1 193:12,16
277:5 297:5,7	partnership 182:18	95:20 96:8,9	91:13 94:1 95:5	percent 50:17,18
particularly 38:18	182:21 272:10	107:5 110:15,21	100:5 101:4 104:6	50:18 51:13,16,17
64:3 79:1 98:3	282:18	121:9 123:2	104:20 106:19	51:18 52:7,7,13
101:5 113:18	partnerships	130:11,14,17,19	116:1 118:18,19	53:3 57:17,19,20
116:6 119:12	284:17	138:11,13 140:20	118:21 120:12	58:8,10,19,21
130:2 150:17	partner's 149:16	166:13 175:18	128:11 133:20	63:5 72:10 73:20
178:1 183:8	264:21 266:9	179:4 182:13	139:2,5,6 140:3	73:22,22 92:7
189:13 195:22	286:21	186:1 187:6	144:6 154:2 156:6	94:15,18 104:2
203:19 229:12	party 238:2,7	192:19 195:4	157:22 163:15	199:17,17 208:12
230:22 232:11	263:20 303:1,8	196:12 197:18	165:16 169:7,9	215:18 300:4
235:6 237:2	pass 12:20 138:11	200:18 205:7,18	170:1,3,10 173:2	percentage 96:1
270:16 317:5	232:9 237:10	206:4 209:18	174:4,13 177:14	98:1 141:8,9
parties 238:2,10	276:6 319:6	212:20 213:19	177:19 179:6	percentages 26:1
parting 303:19	passed 73:16	216:16 217:12	180:11 181:22	195:16 196:18
308:11	passionate 213:22	220:22 225:5	182:21 183:1	215:10
partly 53:1 100:12	pass-through	227:3,18,22 228:7	184:11,17,21	perception 10:13
partner 9:18 19:14	314:22	228:10 229:1	187:2 189:9 194:7	56:1,1 175:4
44:12 45:14 49:17	pass/fail 262:8	230:7,18 242:13	199:7,9 204:19	259:1
49:21 69:21 78:14	304:17,19 319:2	252:3,7 257:8	207:22 209:21	perfect 76:12 85:16

86:2 238:10	180:7 184:12	300:10 305:9	135:17 142:5	76:15
281:16 313:11,13	246:4 247:4 288:8	310:10 303.9	147:3 155:12	portfolio 34:12,21
perfection 86:4	288:8 289:10	places 41:8 48:6	156:14 164:20	83:6 269:20 304:3
1 -	310:8 314:6	70:3 237:20	173:1,3 184:4	319:3
perform 249:11 250:8		243:14 244:10	205:6,20 218:12	
	perspectives 64:7	284:11 319:15	,	portfolios 82:21
performance 26:16 27:5 68:14 167:11	pertaining 255:1 255:11		233:5,16 234:6 237:20 242:8	portion 47:21
177:3 231:22	pervaded 202:6	plan 246:1 283:1 317:2		117:1 136:2 149:22
	-		243:9 246:18	
233:13 236:15	perverse 253:19	Plancorp 1:17	252:2,13 254:22	portions 152:16
performed 23:13	Pete 22:16 29:11	planning 19:18	265:13 267:16	posed 90:1
75:17 114:12,19	80:17 232:9,13	56:14,20	275:13 278:17	poses 189:6
129:22 310:12	233:21 316:8	plans 56:16	281:14 282:12	position 11:22
performers 172:22	324:12 P-41-22 4-24	play 26:12,17 99:5	284:21 289:15	112:21 156:19
performing 216:20	Peter 1:22 4:24	178:8 203:17	293:8,10 294:20	196:5 207:6
period 9:8 71:8,13	76:2,20 109:4,7	230:10 301:17	299:12,18,19	228:10 240:8
102:1 116:21	Peter's 65:21	players 169:17	306:6,7 309:4,18	242:1 244:12
124:12,18 125:4	pharmaceuticals	303:1	313:7 320:2	248:12,14 275:10
126:10,19 138:3	97:16	playing 300:8	pointed 41:13 44:1	305:3 310:22
151:17 152:7,8	phase 36:18	301:21	48:20 103:22	316:22
160:19 203:16	phenomenal	plays 258:8	212:6 223:16	positive 58:16
229:19,22 235:12	102:18	Plaza 1:11	299:4	185:8 206:20
264:17 266:13	Phil 187:1	plea 106:21	pointing 232:15	214:20 216:3
270:15 295:1	pick 109:4 119:15	pleading 323:14	278:7	possess 282:1
300:19 303:18	200:8 211:3	pleadings 323:15	points 106:12	possibility 125:18
periodical 181:1	222:21 223:1	323:17	137:7 142:19	183:1 261:2
periodically 270:4	picked 201:3	please 43:20 44:2	144:16,22 152:22	possible 34:14 36:6
permanent 186:1	picking 141:19	48:8 49:3 53:7,18	153:5 164:20	100:11 123:13
permission 256:1	219:11 258:2	56:3 63:17 75:12	192:8 212:17	208:7 211:5 232:7
persistent 320:6	picks 258:3	111:13 237:16	285:13 311:9	252:17 302:15,20
person 25:11 64:17	picture 27:1	312:3	pole 221:5	307:20 324:13
66:9 78:14,14	pie 169:15	pleasure 86:19	police 229:2	possibly 120:13
116:20 187:3	piece 72:4,12 75:11	202:1	policies 66:13	194:19 209:9
193:21 209:22	139:22 140:1	plenary 212:10	177:8 236:13	post 60:6 82:4
233:6,8 277:3	165:5,6 175:22	259:12	243:1 256:5	139:16,17,21
322:17 323:9	186:17 190:17	plenty 280:5	318:11	posted 21:22
personal 263:11	192:2 196:19	plus 311:16	policy 45:21 46:9	posting 139:21
271:7 285:19	263:20 273:7	pocket 281:1	142:11,12 153:5,6	potential 25:9 67:2
personally 160:9	pieces 25:7,22	point 9:7 21:17	153:7 154:10,22	69:2 103:6 118:14
262:5 324:10	166:4	24:9 34:17 48:8	242:2,10,12,15,18	136:9 203:12
personnel 49:21	place 15:17 26:6	53:20 63:2 65:5	political 285:1,1	205:18 320:11,17
167:2,17	87:17 127:20	67:17 71:15 83:9	politically 244:12	potentially 85:17
persons 285:2	165:13 167:8	85:12 87:2,13	pool 50:15	135:4 170:12
perspective 42:7	176:4 206:17	92:5 94:20 95:12	poor 92:16 195:17	199:7,13 273:14
46:7 62:1 115:15	222:5 235:14	97:20 98:3 104:16	Poor's 201:12	power 217:15
126:20 135:21	243:11,20 244:7,8	105:12 106:20	pop 218:16	234:5
136:4 149:16,16	244:15 256:20	124:15 131:11	popped 281:9	powerful 224:14
164:16 168:5	258:18 262:8,13	132:3 133:16	population 64:19	practical 236:18
	, ,			-
	1	1	1	1

210.0.10	70.0.22.92.11		261.2.266.20	112.10 114.2
318:9,18	70:9,22 82:11	priest 172:3	261:3 266:20	113:19 114:2
practice 17:11,14	83:10 87:18 97:1	primarily 124:6	269:16 277:18	115:20 116:16
17:18 18:1 31:11	163:4 192:6	205:12 257:6	290:20 300:4,5	117:3 119:13,18
70:16 107:10	205:10 227:2	primary 321:1	314:1 315:20	121:6,10,21 123:4
167:5 168:7,10	228:8 238:14	prime 248:11 266:4	probed 64:14	123:17 124:16,20
170:3 172:15	245:4,19 254:21	principal 18:2	problem 32:17	126:1,22 127:17
187:22 194:11	255:4,6 259:7	24:13 233:9	66:11 72:19,20	133:5 134:8,20,22
196:21 197:9	260:7 273:20	principle 156:16	73:4,9,15 74:21	136:5,10 138:4,13
218:14 224:22	presentations	printed 269:9	75:1,2,4,9 99:22	151:8,22 153:3
255:6	20:18 21:22	prior 7:10,18 21:20	120:8 132:18	166:13,15,20,21
practices 134:21	179:10	48:17,18 61:4	142:7,8 144:2	167:22 168:1
169:3 175:14	presented 18:18	68:14 97:5 123:2	161:13 168:20	170:14 184:17
187:20 188:2,3,5	64:6 107:2 114:16	165:22 190:9	170:11 197:3	194:17 198:3,5,13
203:4,20,21 204:3	115:11	191:17 194:3	209:8,19 227:22	199:3 200:8,22
204:22 205:14	presenters 21:7	205:9 235:21 255:5 262:2	228:1,4,5,16,16	213:3,4,7 216:21
218:10 236:13	presenting 206:10		247:14,22 263:21	217:8 221:11
preceded 61:2	president 29:6	priorities 20:6	268:15 271:13,14	222:3 223:6,7,7
precisely 103:17 278:9 283:16	274:9,10	31:15 101:22	275:1 277:1,22	224:18 225:11,20 249:15 250:21
	presiding 1:12	112:9,11,12	278:20 293:11,17 302:1 320:6	249:13 230:21 251:9 255:2
296:6 299:20	press 72:14,19 302:16 310:20	prioritization		
precision 319:14		116:8	problematic 170:7	264:11 271:17
predecessor 186:1	pressure 151:10	priority 30:15,17	problems 32:15	273:13 274:4,6,15
predictability 114:1 124:21	193:15 255:9	34:3,4 111:5	33:18 60:18 63:21	282:17 304:9
	pressures 66:19	112:15 113:12	66:16 72:5 73:17	306:17 307:15
predictive 23:10	presumably 88:18 108:19 133:4	124:9 177:1,12 231:1 292:21	74:7 76:18 88:13	308:22 318:15
39:10 59:12 105:7 106:22		private 29:22	127:11 132:15	processes 71:1,6 127:15 130:21
	presumptive 305:15	135:18 143:10	133:3,11 142:21 144:5,7 164:22	131:3 230:14
prefer 58:10 265:3 preferences 51:2	pretty 91:16	165:20 166:1	174:20 209:10	273:21 301:19
prejudicing 157:19	151:22 178:20	303:8 314:10,11	239:8,15 253:11	310:9
preparation 255:12	184:22 217:5	314:18	253:13,14,15	procyclicality
prepare 116:22	233:18 315:4,17	privately 181:15	276:20	319:13,19
prepared 68:22	318:12	privilege 286:4	procedures 256:6	produced 225:5
283:7 318:16	prevent 103:2	privilege 280.4 privy 182:1,1,2	proceed 254:18	produces 109:14
preparing 67:18	314:4	pro 268:6	proceed 234.18 proceeding 120:2	product 82:14
232:21	prevented 17:3	probable 280:16	191:2	85:12 88:16
prescribe 23:4	previous 13:20	probably 25:3 39:7	process 17:13	174:21 203:14
prescription	92:4 131:18 258:1	54:14 75:15 79:17	19:12 23:17 25:12	211:17 218:15
313:14	previously 163:9	80:3 82:7 94:15	26:15 35:7,19	219:7,8 220:21
presence 180:9	price 193:7,7 201:1	95:7 99:17 139:5	50:22 55:16 57:8	267:14
present 1:13 2:8	204:7 214:15	139:6,10,12,13	68:5,7 70:12,13	products 197:14
38:12 41:22 62:6	215:5 219:16	141:4,18 142:17	72:3,11 74:5	208:22
87:19 275:14	priced 201:4	152:14 181:1	80:19 81:7,12	profession 4:13
presentation 20:20	prices 192:21	197:17 199:20	85:13 86:6,16	10:15 11:14 74:15
21:6 24:17 31:18	prices 192.21 price-fixing 191:3	205:13 209:6	87:16 88:12 96:21	80:7 83:17 97:9
56:5 62:12,14	pricing 204:6 219:2	216:10 222:6	104:9,15 105:9,16	152:14 158:10
63:17 66:3 67:18	219:10	223:12 234:8,14	104.9,13 103.9,10	160:19 172:8
05.17 00.5 07.10	217.10	223.12 237.0,17	100.17 107.3	100.17 172.0
			I	

173:12 174:1,22	projects 20:16 19	protect 14:8 15:17	244:2,6 256:16,19	pulpit 187:7 195:12
175:12 174:1,22	projects 30:16,18 107:4 279:19	20:7 70:15 303:22	269:13	199:15
182:8 193:11,16	promise 203:5	protecting 230:11	public 1:1,25 6:5	pump 144:14
194:4,8 195:10	promised 38:15	protecting 230.11	21:21 29:7,20	punish 169:16
194.4,8 193.10	180:4 248:2	161:12 299:8	34:18 36:20 45:22	202:16
214:1 219:1 222:9	251:16	322:11	60:7 75:19 85:5	punishment 170:15
222:11 225:1		protocol 16:8,13	87:14,20 113:6	purchasers 208:18
259:15 260:1,22	promising 35:22 180:2	protecti 16.8,13 proud 14:7 121:15	116:5 118:3 132:7	purchases 61:17
268:1 275:19	promote 235:15	121:16 185:9,15	135:11,16,16	pure 188:22
305:5,8 318:21	299:8	215:1,4 265:17	136:1,15 138:12	purely 82:12 197:2
professional 2:13	promotional 69:9	provide 19:11 22:2	138:12,18,19	purpose 14:22
18:4 49:2 155:4	prompted 315:15	40:5 41:1 45:19	141:7 142:15	34:10 136:2
163:7 182:20	315:15	47:1,10 50:11,20	149:7 153:13,19	159:19
228:18 282:7	promptly 110:10	57:10 62:6 63:22	154:13,16 155:19	purposes 189:5
287:20 288:5,13	260:9	64:3 70:11 85:7	161:12 165:6	190:4 284:17
288:17 289:6	promulgated 155:1	85:11 90:2 96:13	166:1 178:6 179:2	pursue 258:12
290:17 320:5,6,13	promulgated 155.1	105:6 111:1 116:9	183:12,13 184:11	pursuing 195:11
professions 192:22	proof 129:16	135:1 136:19	188:15,21 189:5	push 212:8 303:10
215:1 317:15	propelled 283:5	137:8 146:7 148:7	194:6 222:19	303:10 307:14
profession's 268:2	proper 165:7	148:17 149:11	225:3,8,9,12	313:6
profession-wide	proportion 57:19	150:14 162:6	226:6,21 228:22	pushback 273:2
129:3	proposal 9:7,21	169:18 199:2	229:7 231:11	pushed 303:6
professor 81:5	10:18 11:6,14	244:1 256:1	233:10,13 235:11	pushes 302:1
professors 77:13	19:7,10,14 20:2	269:22	238:16 242:9,12	303:15
profitability	92:12 178:22	provided 14:3,13	242:15 262:6,10	pushing 264:6
211:13 221:22	183:7 235:12	19:2 38:6 64:7	262:17 280:17	put 24:21 30:10
profitable 197:10	240:11 241:15,16	67:19 85:8 111:6	295:18 296:13	36:1 55:13 70:15
profitably 208:13	247:10,12 257:13	116:12 150:2	301:8,14 302:16	73:18 76:21 99:16
profoundly 231:15	264:12 283:21	267:18 279:10,11	302:17 311:19	100:20 101:12
313:10	285:15 287:10,13	provider 181:4	313:16 314:5,20	117:7 118:10
program 8:15	287:16,17 289:17	providers 302:16	315:2,5,6,8,16	127:20 136:17
22:20 36:18 37:3	289:17 295:16	302:17	316:1,5	139:17 143:19
89:7 121:8 131:7	296:17 298:11	provides 17:1	publication 40:12	144:4,15 151:10
155:1 156:22	proposals 179:9	215:16 216:4	40:22	153:20 159:3,18
programs 36:17	238:22 241:7,19	providing 96:7	publications 69:9	163:21 164:13
96:2 127:5	247:21 248:16	102:19 124:17	publicly 36:10 96:4	176:4 178:6
progress 91:18	254:4	148:22 214:14	113:8 121:16	184:10 196:1
113:11 126:22	propose 10:4 24:12	215:2 308:9	150:2 181:14	199:20 222:11
133:8 212:21	286:17	provision 220:18	240:10,12,16	242:19 243:15
312:9 320:17	proposed 48:2	255:12 322:22	271:5 277:4 303:7	247:12,21 248:12
project 31:13 33:2	50:22 200:10	323:1,2	public-public	251:19 252:16
34:3,11 40:2	235:10 238:4	provisions 153:10	148:20	257:21 261:20
100:14 107:6,12	proposes 70:11	183:19	publish 36:10,14	262:13 266:20
107:13 109:13	proposing 68:8	proxies 72:16	published 9:11	269:4 282:20
110:2,6 113:2	312:21	92:22	19:13 187:17	284:7 285:16
114:21 132:22	pros 12:1 316:6,7	proxy 33:10 72:15	puffery 201:16,17	286:2 288:11
149:20 199:6	prospective 179:14	241:21 242:19	pull 276:2 316:12	295:16 297:9
			_	
	<u> </u>	•		

207.17.210.0	71 1 74 14 10	200 1 2 7 11	000 11 00	201 10 10 275 20
307:17 310:9	71:1 74:14,19	309:1,3,7,11	323:11,22	201:10,19 275:20
315:8 317:2	75:6,8 79:2,14,15	311:2 312:10	questionnaires	R
318:14 323:3,21	79:19 82:12,13,14	313:8,9,17,21	63:22	radar 310:8
puts 323:20	84:1,5,7,19,21	314:2,4 316:15,20	questions 24:22	rail 153:16
putting 26:6 77:21	86:13,13 89:4	317:1 320:8,12	27:22 33:12,17	raise 24:21 67:16
87:17 92:9 140:18	90:22 91:6,12	322:10	35:3,4 36:5 37:2	67:20 205:2
182:18,20 223:4	92:15 93:4 95:8	quantified 78:8	51:5,7 53:9,10	
254:4 263:15	95:10,11 96:2	quantitative 34:13	62:16,19,21 64:9	261:18 293:22
267:13 278:13	98:6,15,17 99:8	36:11 41:7 78:17	64:13 72:6,16	294:9 296:18
281:9 316:10	102:9 104:19	78:19 89:14	73:13 74:9 81:14	raised 12:4,5 63:2
puzzlement 153:4	105:3,8,14,15,17	102:16 103:6	87:3 100:5 111:8	72:16 74:5,6
PwC 177:7,11,14	107:6,9,11,18,19	109:8 319:20	117:7 118:17,20	98:18,19,19
186:7 272:15	108:1 109:13	quasi-public	119:3 120:7	104:10 122:4
P-R-O-C-E-E-D	110:1 117:4	188:16	138:16 146:8	134:2 176:5
6:1	118:15 121:1	question 27:4,6	151:1 176:2,10	191:11 192:10,14
p.m 162:9,10 163:2	126:21 127:10	41:13 42:11 51:8	192:12 193:20	196:17 211:9
260:12,13 324:22	128:18 129:1	51:9,22 52:2 53:6	195:2 205:16	214:1 220:7
<u> </u>	131:19 132:22	53:15 55:1 56:5	208:13 236:17	221:13 239:9,17
Q Q 121 2 127 20	136:13 137:17	57:2,8,14 63:20	245:1 295:2,6	244:22 255:1
QC 131:3 137:20	142:22 143:3	65:9 71:19 72:13	296:18 297:11	261:1 264:11
QPR 71:5	146:12,14 149:19	72:17 76:7 77:7	305:6 310:5	267:6 309:9
qua 198:7	151:11 154:4	84:13 86:22 87:12	313:20	314:10
qualification	166:19 167:3,12	89:9 90:1,16	quick 70:7 129:20	raises 97:3 119:3
321:21	167:17,22 168:5,7	91:10 93:10 97:4	210:11 244:20	204:8 264:20
qualifications	168:13,14,15,16	101:20 103:10	259:7 316:14	307:13
249:1 265:1	168:20 169:2,5	104:2,3,8 105:12	quickest 116:10	raising 147:3
qualitative 41:8	170:5 177:1,3,8	121:18 128:14	quickly 136:14	208:13
78:8,13	177:12,15 198:1	135:8 137:21	210:8 231:6 232:7	ramifications
qualities 234:8	198:11,19 199:5	139:17 140:7	235:4 267:1	148:10
quality 3:8,17 13:6	199:11 200:11,14	153:6 158:8 159:7	quite 61:9 72:6	random 128:22
14:10 20:14 22:3	200:16,18,18,20	160:17 186:11	73:3 74:7 76:15	range 36:1 182:17
23:4,5,7,11,16,17	200:22 201:4,5	200:17 204:5,9	101:12 106:20	202:7 246:8,20
24:4,7,12 27:9,10	205:12 207:20	206:3 207:17	109:7 144:3 153:3	310:3
30:22 31:7,9,13	208:3 211:14,17	208:15 209:1	153:22 158:9	ranging 18:2
31:20 32:9,13	211:21 212:3	211:9 219:19	185:1,8,9,13	rapid 123:19
33:22 34:11,13,22	214:14,15,22	220:7 221:14	186:8 187:3,21	187:13
35:11,12,13 36:11	215:7 216:20	222:19 228:9	192:11 250:6	rare 120:15
36:12,16,19 37:3	217:1 222:3 229:4	235:1 239:20,21	277:22 281:5	rarer 91:14
39:2,3,6,7,13,16	231:8,11,13	240:2,6 245:3	307:8	rate 50:17 73:21
39:20 40:1,4,12	239:15 256:13	256:4,20 263:2	quo 171:19	74:1,2,2 82:22
41:3,5,21 42:11	264:8 267:12	264:20 267:1	quote 77:14 81:4	83:1 167:16
42:16,17 45:22	273:17 282:11	270:13 272:2	176:20 178:3	rates 73:12 188:4
46:13,14 49:5	291:6,13 292:20	284:13 285:13	180:4 272:3	ratify 248:6
50:6 51:9,11,15	292:22 303:21	290:18 294:1	275:12 276:5	rating 167:18
51:21 56:14 59:7	304:8,12,12,22	295:9 297:12,15	277:2	201:12
65:13,16 66:19,22	305:4,6 306:11	299:1 302:13	quoted 258:2	ratings 201:14
68:12,19 69:5,12	308:6,10,20,22	309:17 321:21	quotes 178:18	ratio 197:1
	, , ,		_	
		I	I	1

rational 207:22	27:4,20,22 30:11	302:21 304:8	15:11 22:1 82:16	referred 119:15
252:14	30:12,12 32:12,21	305:16 306:4,8,9	93:18 212:10	304:10 311:10
rationale 256:10	35:20 50:15 53:20	309:11 310:4,5	225:7 249:4	refers 260:20
291:18,21	54:2,4,6 59:19	311:17 312:1,20	261:19 284:3,5	refine 10:12
ratios 196:20	65:2 67:11 69:17	313:1 314:2 315:8	294:18	reflect 195:6
raw 84:3 223:20	76:5 81:20 82:14	316:22 317:8	recognized 60:22	reflected 19:17
reach 16:14 184:20	84:20 88:2,20	324:13	229:20 230:18	20:1 70:9,21
185:1	92:8 93:1 95:18	real-time 6:14	288:22	reflecting 187:21
reached 16:10	100:2,12,17	reappoint 91:15	recognizes 109:14	reflective 74:8
31:21 282:15,17	101:12 107:18,19	101:5	recognizing 62:21	reflects 55:15
reaching 316:10	113:19 115:17	reappointment	195:3	277:17
react 305:22	117:10 118:12	91:17	recommend 23:4	reform 249:15
reaction 78:16	124:6 134:15,19	reason 53:2 101:7	42:10 59:6 94:12	250:15 262:13,19
170:19 206:19	135:2 137:13	161:2 214:11	97:1 120:10	303:5 313:5
reactions 176:3	140:20 145:18,22	243:15 247:7	recommendation	reforms 312:22
305:15	146:5 148:10	286:4 290:13	92:5 112:17,22	refrain 248:9
read 35:10 114:8	164:17,20 166:11	292:11 299:20	120:11 182:13	refused 323:17
117:7 126:1	166:12,13 167:13	310:13 314:13	248:1 252:6	regard 121:10
138:20 139:2,5,5	167:16,22 168:12	315:1 316:2 321:3	recommendations	122:16 173:5,10
139:6,6,12 140:4	168:17 169:1,7,12	reasonable 58:10	13:20 14:17 18:9	208:5 246:12
140:8,22 141:21	169:22 170:1,2,14	102:2 291:21	25:13 27:21 43:20	295:17 312:5
166:7 180:22	170:15,20,21	reasonably 201:4	48:8 126:6 182:10	regarding 13:19
202:11 232:15	172:5,12 174:12	240:8	184:5 245:2 257:7	231:18 237:1,2
236:6 296:17,17	177:17,20 178:3	reasons 107:15	260:19	256:22 262:1
readability 111:4	181:15 186:11	267:17 300:22	recommended	265:10
reader 114:15	190:20 193:6,9	304:6	31:11 96:22	regards 171:9
118:9 135:2	194:7 195:20	rebuild 188:2	104:18 260:4	regime 52:15
reading 109:2	196:12,14 198:21	recalcitrant 11:12	recommending	150:22 228:22
139:14 141:20	199:4,8 201:17	recall 91:16 92:1	312:21	300:7,8 310:21
202:1 239:4	205:9 208:22	263:6 267:4	recommends 252:7	regimes 52:21
263:21	209:17 210:2	288:20 315:16	record 54:13	registered 310:14
reads 287:15	212:4,4 225:4	recapture 255:13	110:12,12 162:9,9	310:15
ready 117:2	226:20 227:15,16	receivables 61:14	247:7 251:13	registration 2:20
real 6:14 78:12	227:17,19 228:1,8	receive 115:4	260:12,12 268:7	2:22 15:3 21:4
112:13 115:14	229:3 231:6,21	244:16	recovery 22:16	111:10 315:12,17
155:2 189:22	235:4,5,17 239:7	received 94:11	rectified 239:17	regression 129:15
225:17 227:17	240:3 242:8 243:8	310:17	recur 310:10	regret 7:5
228:17 247:22	243:14 245:4,12	receptive 111:11	recurring 18:12	regrets 7:7,14
259:4 263:10	246:22 247:14	receptiveness	red 154:5 164:12	22:15
300:14	248:14,15 249:11	207:1	redouble 14:20	regular 64:20
realistic 198:13	250:7,14 253:22	reckless 121:14	reduce 294:5	regularly 92:6
reality 55:22	254:13 257:18	155:15	reduced 258:10	123:11
220:15 225:19	264:5 265:7 272:2	recklessness	reducing 277:15	regulated 207:11
226:11 259:3	272:2 273:17	144:18	reed 249:14	222:15
realize 308:6	278:17 279:22	recognition 59:13	refer 196:20	regulatee 311:15
realized 171:4	280:1 282:10	60:20 97:8	referral 121:21	regulation 47:15
really 13:4 25:1	295:3 297:1 298:4	recognize 8:10	referrals 121:1	51:3 52:8 54:1

		I		I
74:10 79:10 83:13	relations 310:19	30:5 67:18 112:8	14:4 17:6,8 18:11	273:6,9 285:15
90:15 187:8 222:5	relationship 7:19	195:6 231:9	18:18,19,21 19:5	287:9 307:11
222:16 271:4	181:16 217:2	245:20	38:5 51:4 54:19	309:7 317:6,12
311:11	229:9 271:8	remedial 116:17	57:11 58:1,4	318:7
regulator 41:2	relationships 16:20	118:14 125:14,19	73:16,19 85:4,8	reports 3:22 4:10
55:19,21 92:9	224:6 239:15	133:15	94:9,13 101:14	13:7,8 18:6 20:16
95:20 135:19	relative 30:21	remediate 120:13	114:3,9 116:14	26:18 36:11 40:20
241:13 242:16	44:12 63:8,11	133:10 142:20	117:1,11,14,15	57:15 63:9 64:21
regulators 15:6	65:1,16 68:1	144:5 160:19	118:3,3,8,12	65:2,8 95:4,7
16:3,15,21 33:20	75:14 98:15 144:1	161:9	119:16,17 124:10	110:15,22,22
36:14 41:14 46:6	197:10 212:17,18	remediated 144:13	126:14 127:16	111:5,19,22 112:7
50:21 54:6 100:6	213:4,16 231:10	161:10	128:12 133:3,14	112:19 113:13,16
101:3 173:13	294:22	remediating 120:3	137:2 139:8,11	113:17,21,21
190:14 231:3	relatively 68:11	remediation 71:10	141:21 143:11,12	114:3,8 115:1,7,8
259:11 311:15	81:16 261:11	112:15,16 116:16	146:16 147:2,4,6	115:16,17,18,22
regulatory 34:1	266:21	116:19 117:4	149:22 158:17	116:2,4 117:17,20
51:10,14 52:1,3	release 31:12 34:7	119:5,6,9,18	159:19 160:12	128:2 132:21
52:19 53:9 54:15	34:9 36:2 153:20	120:1,21 122:3,5	166:18 182:9	134:16,18 139:5
58:15 76:11 87:2	191:10 295:6	122:10 123:17,19	191:5 198:18	142:2 145:13,18
87:6,16 109:5	297:12 323:7	124:5 125:1 126:6	203:3,3 243:8	145:21 146:6,13
155:17 165:20	released 237:1	126:10 127:13,17	244:6 246:13,15	146:22 150:20
166:4 183:5	relevance 88:16	131:16,17 132:2,6	256:16 260:20	151:13 158:9
190:17 208:6	relevancy 19:1	132:8,10,15 133:5	262:1,6 263:18,22	161:18 176:6,17
reinforce 69:11	194:20 304:11	133:7,19 134:3	264:3,14 266:1	176:20 196:1
reinspect 131:7	relevant 70:20 80:3	136:5 138:1,2,8	267:6 268:10,12	246:9 249:18
reiterate 8:1 108:6	99:10 137:11	142:19 150:18	275:11,14 280:17	281:21,22 285:20
128:15 129:10	161:14 174:2,2	151:14 152:6,7,8	282:4 286:11	286:1
reiterated 13:17	180:22 182:12	157:14 160:17	292:13 298:15	represent 160:13
relate 24:6 35:6,6,7	194:1 203:19	remediations 138:8	300:10,13,15	250:19 272:14
59:13 135:20	232:3 233:15	remember 48:20	301:7 308:8 321:3	318:21
143:2 294:19	236:11 266:10	55:3 84:9 263:16	reported 48:5,18	representatives
related 17:9 82:11	279:13	remind 8:16	72:19 97:2 290:11	108:10 206:8
89:4 112:15 113:2	reliability 14:9	reminded 77:12	310:1	268:4
113:12 117:22	23:19 39:14	86:2 106:17	reporters 279:4	represented 50:12
127:16 142:22	reliable 26:18,19	remit 252:4	reporting 9:7 11:6	53:14
145:9 148:17	reliance 79:13	remotely 209:12	13:12 26:15,20	representing 8:19
166:14 188:14	reluctant 151:10	removed 218:21	50:15 82:12,13	represents 226:10
238:2,2,7,10	rely 249:10	render 281:18	84:1,7 86:13	226:11
279:19	relying 79:15	rendered 282:15	94:22 95:1,10	reproduce 274:20
relates 44:16 88:1	249:19 310:16	282:18 286:11	100:20 103:7	reproposal 238:5
97:6 143:3 170:10	remain 86:1,11	rendering 283:19	104:19 105:3	reproposed 235:12
177:22 210:3	104:7	renew 16:1	123:7,14 141:6	Republic 310:20
222:7 273:7	remains 103:21	reopen 236:20	158:19 167:3	reputation 177:6
relating 97:22	230:22	repeat 147:11	183:19,20 210:5	179:12,18
242:3	remarkable 250:7	repeatedly 19:16	230:14 234:12	request 147:16
relation 227:22	remarks 5:20 8:12	315:16	246:20 260:17	196:12 242:19
303:14	9:3 12:10 13:19	report 3:16 4:4,20	261:9,16 263:15	requesting 149:1

				ĺ
196:15	176:4	63:13 64:15	81:2 90:22 97:7	revisit 134:6
require 44:7 83:17	resolved 179:22	responding 17:15	105:6 106:17,19	revisited 250:11
121:11 240:9,12	239:9	75:11 160:7	106:20,21 110:7	reward 170:1,15
240:13 253:12,17	resolving 152:2	responds 119:17	111:1 125:11,11	173:2
268:16 276:21	resources 48:12	response 14:17	147:3 150:18	rewarded 33:19
287:17,22 314:20	68:18 70:6 97:16	16:22 17:8 50:17	237:3 256:8	rewarding 174:11
required 41:1 55:4	122:4 124:13	53:5 103:15	264:14	228:19
75:16 85:4,5,7	161:1 189:19	116:22 118:19	results-based 24:11	rewards 169:19
97:15 208:10	190:2 301:4,6	128:14 140:17	40:1	228:11
237:21 241:9	303:2	143:17 161:5	retail 315:22	re-proposal 19:19
242:16 243:9	respect 16:7 19:4	241:7 250:3	retailers 61:7,8	re-propose 10:1
244:1,1 249:2	20:18 24:8 25:2	252:20 253:4	retain 172:22	11:22
255:21 256:22	40:13,21 41:5,21	254:3 299:1	215:17 269:12	re-signing 147:19
287:20 288:7	42:9 43:2 46:1,8	responses 54:19	retained 172:13	rhyme 243:15
290:9 292:16	46:11,19 48:15,18	112:18,22 140:17	retains 194:16	rich 87:18 88:2
293:16	51:2 52:1 54:19	159:8 249:16	retender 100:21	Rick 218:3
requirement	58:18 60:22 61:9	responsibilities	101:5	rid 105:14
185:11 208:6	62:16 63:20 72:4	26:14 40:14 167:4	retention 4:8 40:9	ridiculous 144:10
245:13,16 249:7	73:6,9 83:21 98:5	317:15	175:8	236:19 286:16
256:7 296:4,7	104:16 112:16	responsibility	retired 2:2 28:14	right 2:2 22:20
requirements 4:23	114:6,10,11,18	23:13 46:16 177:5	28:19	28:7 29:6 33:12
147:15 231:18	118:2 119:14	178:11 216:17	retirement 1:25	33:17 35:3 54:16
238:6 243:18	160:18 170:16,17	230:12 249:5,21	29:20 210:1	55:1 56:3,13 58:6
273:10,21 291:3,4	170:18 182:4	250:4 282:16	return 255:12	62:12 64:9 79:21
292:5,6 295:8,10	185:4 195:4 200:7	317:21	Reuters 138:21	81:13 82:22 85:8
requires 59:18	206:5 212:9	responsible 167:2	revenue 70:15,15	85:20 103:13
250:7 289:17	227:11 229:16	170:4 219:15	205:13 227:16	107:18 120:2
requiring 18:15	255:10 256:5	272:16 278:10	revenues 47:22	122:8 130:6 133:7
208:20 221:11	259:13,22 260:2	285:9 306:13	227:10	135:17 136:1
239:21 240:4	269:10 270:21	321:1	reverberates 158:1	137:4 138:4 147:1
242:4,10,14	280:18 281:6	rest 44:13 74:18	reverse 154:11	147:1 150:21
262:14	287:6,13 293:18	170:21 220:13	200:2 309:19	158:21 161:8,10
requisite 152:5	294:1 321:13	234:1 312:11	reversed 142:12	166:8 189:8 197:9
282:1	324:18	319:7	review 41:12,19	209:1 210:16
research 2:17	respects 225:7	restate 228:1	47:3,4 70:13 71:1	212:1 223:20
31:16 35:10 60:19	226:20	restated 235:14	134:8 185:12,14	224:7 225:18
61:3 90:10,13	respond 63:16	restatements 32:15	249:19 255:2	228:12 231:10
103:17 178:20	65:11 67:14 71:17	48:4 60:9 82:5	282:3 291:6,13	235:1,2 248:14
223:3	85:6 103:10	127:9	294:6 320:9	251:1 255:17
researching 20:21	118:20 128:7	result 16:4 76:22	reviewed 148:14	257:11 276:2
reserves 60:11	211:9 212:16	85:15 117:5 148:5	275:22 292:7,19	294:13 298:9
141:14	275:4	157:11 253:7,9	reviewer 292:20,22	300:16 303:15,19
resign 83:7	responded 180:1	results 18:19,20	reviewers 154:4	305:8 322:3,4
resigned 48:17	respondents 51:13	19:2 23:6 35:7	reviewing 124:16	rights 183:17
resolution 6:13	51:20 52:13,14	40:18 52:5 55:9	147:19	rigid 179:15
313:15	57:17,20 58:5,8	57:17 63:4 68:14	reviews 256:8	rigorous 130:21
resolve 120:22	58:15,19 63:5,12	72:8 74:9 77:4	revisions 273:8	258:15,16
	, : :::;==			- , -
	1	ı	ı	1

migo 122.4 152.4 4	164.9 200.22		259.2 274.9 279.6	246.2 252.4
rise 123:4 152:4,4	164:8 209:22	runs 9:8 15:15	258:2 274:8 278:6	246:3 252:4
299:21	267:3 275:9	141:16	292:1,8,14 299:12	254:10 257:6,12
rises 242:15	281:14 290:21	run-in 191:1	307:12 317:5,20	257:16 258:1,22
Rising 220:1	294:14 Roosevelt 312:14	Russell 248:3	says 54:14 92:21	259:2,5 270:18
risk 11:16,18 17:10		<u> </u>	109:19 142:15	278:6 279:8
17:15 33:8,21	root 129:9,22	s 146:16	224:10 234:2,3	294:16 304:4
44:14 47:22 58:2	131:17 169:22	sacrosanct 165:3	257:8,19 321:9	311:7 312:7
58:9,11,20 62:10	root-cause 107:13	safeguards 308:9	scale 115:18 125:2	314:15,21 317:17
70:15 81:10 82:1	107:17,19 108:2	safest 254:18	127:14 301:4,5,10	second 20:15 27:8
82:10 85:18,19	109:16 127:5	SAG 68:22 115:11	scary 195:16	34:11 52:20 53:10
188:17 200:13	129:21	177:18 220:6	scenario 188:6	70:21 82:9 88:10
252:17 254:6,6,9	Roper 1:22 22:17	258:20 297:22	scenarios 295:21	103:14 106:16
277:10,11,12,15	29:8,8 66:2,2	sails 266:3	schedule 7:10	107:11 165:16
278:15 280:19,19	131:10,12 161:8	salary 48:15 88:15	229:17,18	175:22 177:13
281:6 286:21	164:7 178:4 201:8	89:3	schedules 12:14	193:2,3 208:9
315:9	248:19,20 282:21	sample 65:17	scholarly 10:21	218:18 229:3
riskier 96:19,19	282:22 320:1,2	148:13,14	scholarship 11:1	236:10 244:9
risks 18:3 40:17	rotation 71:8 74:20	sanction 156:21	School 29:14	255:3 262:11
59:11 60:17 97:9	91:7 147:15 200:9	sanction 150.21	science 171:5	265:4 280:15
189:7 281:7	208:9 272:19	sanctioned 150.15	scientist 221:3	287:9 293:21,22
risky 82:20 83:6,7	rotation's 75:5	Santina 2:21 21:4	scientists 109:3	302:20 309:4
risk-base 128:20	roughly 35:14	111:11,13,17	scope 36:20 125:2	313:7 317:9 322:5
ritual 274:20,21	Round 306:19	118:22	127:14 264:9	secondarily 310:9
road 80:14 255:21	rounds 210:11	Sarbanes-Oxley	317:1	secondary 67:7
316:21 318:17	roundtable 276:1	14:1 183:19	scoped 186:6	311:4
Robert 1:15 2:2	routine 65:7	209:12 225:15	scorecard 34:21	secondly 98:16
4:23 29:22 98:9	247:16,20	227:5 231:17	scored 108:13	247:22 280:21
98:10 103:9 105:1	routinely 131:6	249:9 255:15	screamed 257:15	seconds 322:15
311:10	Royal 101:11	sat 143:12 157:5	screen 35:20	section 33:5 34:14
Rocca 2:21 21:5	rubber 80:13	satisfaction-type	search 180:17	36:3 92:20 118:3
111:11 P. J. 201.10	255:21 316:20	174:10	212:5	136:21 139:11
Rock 301:10	rule 19:14 100:21	satisfy 311:2	season 91:17 248:3	146:6
rocket 221:3	185:16 199:14	saw 65:14 81:17	seated 255:18	sections 34:10
rock-ribbed 157:1	204:19 257:12	132:15 143:13	sec 2:4 4:17 7:20	sector 135:19
role 18:18 19:1	315:15	164:22 179:17	8:5 9:12 10:2	165:20,21
26:13 66:8,12	rulemaking 87:8,8	288:9 293:8 310:2	21:9 27:16 30:4	securities 2:15
78:5 99:5 166:20	195:9 218:1 243:4	310:3	30:13 35:18 48:14	26:21 166:4 300:9
178:8 192:19	rules 50:5 96:20	sayeth 158:6	73:3 75:13,15	300:21 301:2
195:4 199:1	97:15 100:19	saying 26:12 65:9	83:15 87:7 92:1	311:3,3,13 314:5 322:21
222:22 226:22	123:12 215:11,15	71:20 99:14	93:15 95:20 123:6	
227:18 230:10	235:18 250:10	100:21 109:5	123:8,11 171:11	Security 62:21
258:8 321:20	276:2 281:20	114:14,17 166:22	179:4 182:13	SEC's 212:18
roles 83:15 183:11	314:15	176:22 177:1	191:1 198:21	218:11
212:22	run 67:2 85:4,8	181:15 195:21	204:12,15,15	see 6:11,12 11:20
rolling 94:10	99:19 221:16	197:11 211:10	209:9 212:11	12:10 26:5 32:21
room 80:4 98:11	324:12	226:9 240:14	220:18 232:4	47:4 48:6 51:19
134:11 162:3	running 9:14 71:11	220.7 2 7 0.14	241:17,22 243:4	52:6 53:13 56:13
			<u> </u>	

50.20.60.10.62.10	250 5 272 10	270 11 200 0		265.12
58:20 60:19 62:18	250:5 273:10	278:11 300:8	set 23:4 44:16	265:13
64:11 69:15 72:10	275:12 276:17	301:6 304:2 306:9	46:22 47:16 53:8	sheet 99:1
77:5 79:11 82:21	286:14 320:5	sent 117:6 145:3	53:10 59:3 84:18	Shell 101:11
85:13 86:12 87:2	sees 224:9 228:13	sentence 201:20	88:3 113:20 136:3	she'd 7:9
87:10 88:4,19	228:15 237:14	SEP 210:2	188:14 205:11	shift 168:10 190:7
89:6 92:6,19	292:16	separate 95:1	214:9 215:20	250:4,6
94:21 95:6,14	select 222:20	97:21 214:5	227:4 287:18,19	shipping 250:1
100:8 101:12,19	250:20	264:15 266:20	318:13 324:17	shivers 258:14
102:3 111:13	selected 148:2,13	269:5,16	sets 54:4	shocked 268:22
114:21 116:1	250:16 258:8	separated 191:13	setting 220:9	shocking 91:16
123:9,15 124:8	selection 40:15	separation 191:7	221:20	short 81:16 94:5
125:13,18,19	128:20 221:14	191:15	settings 177:18	124:12 306:2
133:2 134:19	258:9	September 17:8	274:15	shortcoming 55:22
138:21 140:16	selects 221:18	50:9 276:1	settlements 278:7	shortcomings
142:6,8 159:8	self 250:20	series 122:11	set-up 280:9	38:14 63:22
160:21 168:8,10	self-evident 283:21	serious 56:2 119:12	severe 135:4	shortly 108:16
176:18 183:21	self-fulfilling	158:5 159:2	severity 135:1	288:21
184:9 186:21	149:18	160:13,22 238:3	158:21,22	short-term 34:3
187:18 195:13	self-help 252:3	299:9 307:12	sexy 216:7	shot 209:3
196:3 197:16	self-regulation	seriously 201:18,20	SFG 28:22	shots 303:20
198:7 199:22	191:11	271:18 283:17	shake 155:19	shoulders 92:9
200:16 207:3,14	self-regulatory	seriousness 125:7	shape 287:7	171:18
209:15 212:15	190:12	serve 22:7 66:11	share 104:11 145:9	Shover 1:23 4:9 7:4
216:3 218:16	sell 61:13 316:2	71:8 265:19	170:4 205:13	22:11 28:21,21
219:11 221:17	selling 197:12	served 24:2 39:18	213:15	163:12 171:2,2
241:3 243:13	208:1	143:21 162:2	shared 233:22	show 39:11 110:1
244:4 246:8,20	semiconductor	281:15	259:22	170:11 179:10
248:15 261:12	211:19	servers 219:6	shareholder 91:15	217:17 308:12
266:1 270:4	send 116:13,13	service 167:21	183:12 238:22	showed 255:5
279:15,21 299:19	145:3,6 204:14	168:2 172:16	241:7,15,19	309:5
304:18 305:2,3,11	221:4 249:17	181:4 197:3	242:18 246:14	shown 268:17
305:17 306:6	301:7	200:20 217:3	shareholders 91:13	306:3
307:10 308:12	sending 90:21	224:21 228:3	92:6,14 93:5	shows 60:19 61:3
314:2,6,11 315:13	208:16	255:6	178:16 240:7	207:18 227:19
317:20 322:22	sends 7:6 123:11	services 188:16,17	247:11,12,17	243:12 253:5
seeing 132:14	senior 79:3 162:5	188:19 208:18	248:10 249:13	shrug 171:18
133:1,3 141:4	177:5 185:2	215:14 224:16	250:17,19 263:10	shutdown 7:12
198:2 215:9	sense 35:6 42:5,13	241:11 255:11	263:21 278:3,3,20	SIC 42:22
seek 34:18 256:1	43:22 47:14 58:22	256:1,6,10,22	279:2 312:5,13	sicker 83:2
seemingly 313:3	64:11 67:8 76:14	267:11	321:2	side 106:2 107:17
seen 11:11 88:11,20	78:10 89:17 95:21	serving 80:8 136:2	shares 314:12	134:11 138:1
111:20 114:8	98:4 116:9 146:18	142:15	sharing 149:6,12	189:21 212:11
118:1 134:20	156:22 160:22	session 21:2 110:3	206:14	214:4 235:17
135:18 136:7	171:10,11 184:20	115:21 259:12	sharpen 10:13	236:18 255:14
166:13 175:11	221:3 224:8	260:15 261:8	263:13	267:3 312:3
181:2 184:3	241:12 255:8	294:9	sharpened 264:7	sides 153:6
222:21 223:5,22	263:11 272:21	sessions 7:22 106:3	sharpens 262:15	Sifting 138:16

	 	 	 	<u> </u>
sight 229:1	simply 121:5,9	224:21	solve 74:21 75:4,9	135:8 136:1
sign 262:17 268:17	126:1 242:19	skip 210:14,16	173:8	145:19 146:17
270:18 271:1	308:17	slate 165:18	solved 161:13	147:2 163:15
276:21 281:21,21	Simpson 1:25	slender 249:14	solving 169:7	164:2,10,20
285:19 287:5	29:19,19 53:16,19	slide 25:21 63:3	228:16	165:10 176:9
322:18 323:10,12	54:21 90:20,20	167:7,13 169:14	somebody 79:22	184:10 189:9
323:13,17 324:1	93:11,21 109:19	176:21 180:11,16	89:2 90:6 171:12	191:17 192:2
signaling 253:5	178:10 209:20	180:22 189:13,14	173:21 175:5,10	195:8,9 203:16
signals 59:11	211:22 247:5,6	196:17 243:6,21	211:16 234:13,18	205:22 210:10
signature 262:16	251:3,6,10,13	255:4 259:21	292:15 317:7	225:6 228:17
276:16 304:2	252:2 261:1	slides 24:15,21	someone's 287:1	234:20 235:18
321:18 322:16	262:21,22 265:16	37:18 64:8 163:16	someplace 256:17	240:22 243:6
323:21,21	284:9 311:8,9	163:18,21 164:19	Somerset 86:3	248:21 250:2,20
signer 321:16	Singapore 72:6	165:9 232:7	something's 287:11	262:1,7 265:20
significance 14:14	single 43:2 80:21	235:21 236:7	somewhat 52:5	271:7 273:2 274:1
significant 15:10	111:22 200:10	slightly 167:10	88:2 112:19 185:7	279:8 283:9
23:9 26:14 51:20	209:22	174:8 216:7	186:19 195:11	297:20 298:1
58:9 59:18 73:15	sins 109:2	slip 310:8	203:9 239:14	299:14 302:17
73:15 91:19 134:7	Sir 275:16	slogans 179:8	271:2,3	303:3 305:14
149:15 166:19	sister 283:4	slots 253:21	Sondhi 2:1,1 3:9,18	309:6 310:7 320:9
206:9 223:2	sit 56:17 115:21	slower 187:14	22:2,21 28:10,10	soufflþ 69:16
236:13 239:8	120:9 200:5 245:9	small 80:9 112:3,4	28:10 37:20 52:17	sought 115:12
242:1,17 243:1	sitting 54:9 235:2	114:9 115:11,12	53:7,13,18 54:16	soul 284:21
253:14,15 288:1	272:11	116:20 119:22	54:22 55:12 56:3	sound 103:4 247:6
289:11,12 291:7	situation 75:21	121:3,5 122:16,18	56:22 63:14 66:1	sounding 240:19
292:10,12 293:2	120:12 202:3	122:21,22 123:1	67:13 71:16 76:2	sounds 172:14
296:2 309:2	247:10 297:15	127:20 145:2	76:20 80:17 83:20	295:21 296:10
significantly 62:7	302:10 306:2	156:15 159:20	85:22 89:12 90:19	source 278:18
217:22 220:5	310:17	178:8 302:4,21	93:7 94:6 95:16	SOX 47:12 181:3
signing 286:1	situations 166:18	smaller 15:12,21	96:15 98:9 99:11	220:15,18 250:14
317:21 318:5	297:13 299:7	122:6 301:20	101:16 103:9	space 171:17 210:7
signs 177:22	310:10	small-firm 127:14	160:15,20 211:8	247:3 259:2,2
silver 308:6	six 64:14 151:20	smart 223:16	308:16,17	Spain 15:8
Silvers 1:24 22:5	208:10 220:12	252:22	song 248:9	speak 30:8 53:21
223:11 270:11,12	sixth 254:10	snowball 182:4	sophisticated 79:5	70:8 76:17 115:14
298:18,21 302:12	size 42:18 43:10	social 201:1 242:1	80:10 226:19	116:5 130:20
307:6	125:2 127:14	242:18 257:21	316:3	229:12 270:12
similar 42:22 62:4	skeptical 88:21	277:13,16	sorry 53:19 75:10	283:11 312:11
67:20 166:3 202:3	100:15 103:16	socially 243:1	102:5 129:14	speaking 21:20
204:2,2 222:22	185:7 320:18	soft 59:16,17	131:12 145:12	60:13 113:8
233:10 263:6	skepticism 18:5	softly 312:12	266:7 280:11	133:18 172:18
268:11	90:11 155:4 163:7	solicit 18:8	281:13 294:17	175:2
Similarly 17:20	177:10 320:5,7,13	solicitation 314:16	298:19	speaks 8:18 193:20
69:18	skill 188:14 214:9	solution 301:22	sort 25:10 42:6	196:19 197:8
simple 38:1 43:9,14	215:19	311:21	43:19 63:21 66:5	special 113:20
223:14	skills 27:7	solutions 1:23 26:6	78:7 79:14 118:18	207:4 264:16
simpler 262:12	skill-dependent	181:9	131:15,21 132:17	286:4
_	_			
	•	•	•	-

		Ì	Ì	l
specialization	135:10 187:18	153:14 155:14,21	starts 190:7	313:18
214:13 215:18	189:4 232:5 244:4	158:16 170:9	state 86:4 164:10	stepchild 195:18
specialized 215:17	spoke 85:2 219:22	201:12 204:7	203:17 238:21	stepping 54:11
specific 20:11	284:12 298:22	213:9 234:21	285:17 287:4	steps 55:21 80:20
39:21 40:13 43:18	spoken 172:11	235:11,12,13	305:4	123:18 221:10
44:9 46:13 47:1	275:7	236:18 238:2,5	stated 290:7	296:5 315:5
49:22 63:20 67:4	Sporkin 2:1 29:17	249:22 288:2,3,9	statement 16:8,13	Steve 1:12,14 3:4,6
67:22 68:4 80:15	29:17 56:8,12	288:14,16,18,19	60:20 103:7 215:3	5:22 9:4 12:7,12
106:9,10 111:2	119:5,21 120:6	289:14 294:2	244:2,6 256:16,19	22:21 31:6 32:7
114:11 116:17	121:19 122:18,21	297:1 298:15	317:10	37:15,21 44:1
118:4,14 125:8	123:5,9,15 156:14	standards 2:13	statements 55:16	57:11 62:12 84:10
134:16 136:12,20	204:4 322:7,15	9:11,12,13 30:19	58:3 60:7 62:6	95:18 101:16
137:11 139:1,4	323:8	30:19 84:19 107:8	78:21 92:8 96:6	102:4 105:12
140:14 141:11	Sporkin's 78:15	107:9 113:8	158:18 232:18	117:10 198:14
146:1,6 147:9	104:8	114:11,11 157:3	233:14 248:11	200:17 205:6
148:21 149:17	spotted 121:17	168:17,21 199:11	271:1 301:16,18	210:11 211:9
158:13,14,15,16	spreading 11:10	201:14 235:7	315:12 317:16	254:20 257:4
203:18 272:8	spring 9:5 68:22	237:13,21 238:1,9	318:15 321:19	284:11 316:9
273:18 299:15	spun 187:19	247:4 287:22	states 8:6 16:5	319:11 320:21
315:10	SROs 191:21	288:8,11,12	179:3 186:18	Steven 245:18
specifically 24:7	stab 44:2	289:12 290:16	187:18 205:17	266:6
71:19 118:13	staff 8:20,22 10:2,8	292:2,9 296:18	206:2 303:5	Steve's 103:10
185:4 195:8	19:6 30:7 31:19	309:21	310:15	stick 222:17,17,18
205:17 234:10	37:5 38:19 44:21	standard-setting	Station 209:17	252:18 264:21
244:5 309:20	46:10,18 48:1,16	19:17 20:1	statistically 76:16	312:12,12
speech 119:22	49:3,17,20,21	standing 69:21	statistics 74:1	stimulate 89:11
145:1 285:1	106:5 116:15	standpoint 163:20	117:22 139:11	165:10
speeches 187:13	135:12 140:20	189:11	stats 80:2	stock 183:9 231:16
speedy 22:16	145:10 155:5	Stanley 2:1 145:1	status 121:10 138:7	284:16 300:4
spend 43:17 66:8	246:3,6 285:15	start 22:18 32:1,4	169:13 171:19	314:7
68:17 113:10	308:14 316:11	99:14 105:9	174:6,8 193:17	stockbroker 219:9
124:2 215:18	324:13	110:10 134:12	194:16 260:18	stockholders
246:6 294:14	staffed 67:5	152:19 166:12	statute 102:15	219:17
319:10,12	staffing 49:16	168:8 171:21	120:21 123:18	stocks 306:2
spending 13:3	235:2	176:5 182:4	152:8 153:7,10,15	stones 171:7
46:20 47:22 48:12	staff's 67:21 106:3	192:12,13 193:3	185:12 255:17	stops 245:10
80:7	stage 54:4 56:21	200:2 206:10	statutory 135:13	stories 218:17
spends 69:8	stake 212:6	214:18,19 227:14	stay 76:9 153:16	279:5
spent 38:18 44:11	stamp 226:16	231:7 232:15	183:21 193:22	story 145:6 197:4
44:14,21 45:4	228:14,17	249:17 261:16,17	245:15	227:17
49:10 66:13 69:13	Stan 29:17	261:18 303:18	staying 129:6	straight 153:12
74:22 80:6 113:2	stand 194:5 263:4	305:2	steeped 166:8	165:5
223:11	307:15	started 8:16 28:3,8	steered 166:7	straightforward
spin 270:1	standard 8:17	173:14 181:19	step 50:6 85:10	57:21 68:11
spirit 209:12	10:14 11:19	219:3 222:13	92:22 93:14	strange 77:10
254:16 296:20	114:18 117:19	starting 31:7	173:11 197:16	224:3
split 83:14 87:11	134:3 149:22	113:22	267:4,14 308:5	strategic 34:3,4

4 4 00 2 100 2	207.20	202.6	241.10	106020516
strategy 99:3 189:2	297:20	283:6	241:10	196:9 305:16
236:12	structures 78:6	successes 129:18	supplemental	surfaced 35:14
stratification 42:12	176:3 185:20	successful 117:3	268:12,15,17	surprise 270:16
42:21 43:2,6,15	studies 10:21 109:1	167:9 171:6	suppliers 61:16	surprised 76:8 77:1
48:10	study 17:6 87:1	sudden 199:21	support 75:5 91:7	surprising 63:5
stratifications 48:7	182:14 183:6	307:14	113:6 118:6	surround 273:15
stratified 42:11,18	202:2 203:14	sue 286:8	158:17 159:5	surrounding
stratosphere	204:14 218:2	sued 280:22 286:15	160:6 161:20	273:16
189:10	227:6	286:18	168:4 218:16	survey 18:19 19:2
streamlined 127:18	studying 205:18	suffice 166:17	263:1,13 266:4	50:15,20 51:5,8
street 1:12 43:12	stuff 99:15 194:15	sufficient 157:20	284:1 296:22	57:14 58:14 64:5
strengthen 16:20	221:3 249:19	172:9,10,10,12	312:3 321:20	74:9 76:8,15 77:4
strengthened	269:12 270:7,9	sufficiently 156:9	323:7 324:14,15	199:9 220:3
263:11	stumbling 311:19	295:4	supported 125:9	269:20
stress 111:14	style 312:14	suggest 68:2	287:2	surveyed 50:14
174:14 194:18	subcommittee	167:19 226:9,22	supporters 92:10	surveys 38:5 50:8
262:5	26:22 234:1	285:11	supporting 168:3	54:17 55:9 175:13
stressful 174:17	268:11 320:15	suggested 18:14	218:17 289:19	199:7
stretch 173:9	subgroup 76:6	31:8 57:11 146:8	supportive 30:13	suspect 37:2
stretched 126:17	77:18	suggesting 186:16	30:20 67:12	236:20
strict 120:20	subject 19:19 32:5	224:17 282:5	308:13	sustainability 99:2
189:21	36:20 41:11,19	suggestion 17:1	supports 11:3	swiftly 127:10
strikes 66:14 132:2	44:22 47:9,15	205:22	suppose 138:19	Switzerland 15:8
239:4 271:9	56:6 91:10 96:6	suggestions 17:17	supposed 66:9 92:7	Sylvana 187:2
strong 54:1 131:15	108:7 200:5 211:2	43:20 44:3 67:4	132:8 142:14	system 1:25 13:11
132:8 194:4	214:13 215:20,22	104:15 128:6	143:9 220:16	29:20 33:22 37:17
242:12 256:7,19	230:3 231:2 257:3	130:22 198:15	224:5,19,20 225:2	75:3 77:21 98:19
296:4 298:14	261:17 273:20	247:1,3	225:13 233:6	99:8 108:1 109:14
306:4	291:20	suggestive 129:17	244:16 271:15	118:15 137:20
stronger 276:9	subjected 234:4	suggests 242:11	sure 24:19 26:11	219:21 228:18
strongest 76:10	subjective 292:18	277:3	32:14 37:17 52:17	321:14
strongly 43:3 51:17	295:11	suited 316:19	69:12,16 70:1	systematic 131:21
59:6 83:22 161:17	subjects 20:11	summarize 58:14	71:12 77:14 78:3	systemic 98:18
236:3 255:3 265:3	submissions 124:17	103:10 147:2	80:4 83:7 93:11	systems 15:17
283:22	124:17	summarized	94:1 119:1 124:4	109:6 189:1
struck 91:13	submit 317:17	139:10	134:11 136:21	228:11 270:20
131:14 201:9	submitted 178:22	summary 38:22	169:22 173:17	S&P 201:12
248:20 249:13	submitters 242:8	111:1 141:18,20	175:12 192:11,17	S-E-S-S-I-O-N
311:14	subsequent 125:10	148:2	192:18 198:5	163:1
structural 25:19	125:11,13	summer 9:5 16:1	199:3 202:20	
structure 91:5 97:9	substantial 133:8	sundry 304:5	213:2 234:18	T
99:9 127:10	subtract 61:16	sunshine 33:5	246:16 248:13	T 1:15,19 4:5,13,18
149:10 178:5	subversion 123:3	Sunstein 109:2	250:6 260:9	table 28:7 91:3
182:11 191:21	succeed 125:9	supervise 79:22	275:12 277:8	184:8 194:10
structured 34:17	success 88:14	supervising 233:1	317:7 318:19	200:3 206:4
36:5 90:9 96:10	109:13 112:13,20	233:11	321:11 323:14,20	210:19 217:21
190:12 198:9	181:3 202:15	supplement 235:18	surface 102:22	251:22 255:19
				1
	•	•	•	•

				3
322:8	165:15 176:5	tax 60:12 62:4,5	267:21	186:1 187:22
tabular 114:16	179:7 180:13	168:3 181:8	ten 80:7 93:15	188:4 192:19,20
tack 242:7	192:14 193:1,13	196:18 200:12	100:22 111:20	197:19 210:1
tackled 232:10	223:13,14 225:4	227:13 255:7,11	112:6 117:7 119:3	212:21 221:10
235:6	238:19 239:1	255:12	154:15 164:22	228:5 229:11
tactical 182:2	257:18 272:18	TD 1:21 28:15	221:19 234:20	233:6 236:1
tactics 181:20	275:10 284:3,5,7	148:14	272:13 279:15	237:18 240:7
tag 163:15	284:10 301:8	teach 316:6	300:17 315:13	241:1 251:17
tailored 127:19	319:3	teacher 172:4	tend 101:14 135:20	260:14 266:14
take 30:4 43:9,20	talked 54:17 57:1	teaching 150:12	178:15 207:3	271:13 275:8,11
52:5 54:20 55:21	59:4 64:22 79:12	208:21	225:14	276:14 294:11
61:13,14 80:19	82:9 91:4 104:9	team 44:13 45:5	tended 121:11	300:17 303:19,21
81:9 84:10 86:6	129:8,8 178:18	59:22 65:3,16	tends 11:2	320:15,18 322:9
92:14 103:14	187:12 188:11	90:21 93:8 104:11	Tennessee 1:19	322:10 323:5
106:11 109:9	191:6 192:1,7	110:4 124:14	29:4	terrain 225:18
110:9,21 113:17	198:1,20 200:10	130:1 137:6	tens 272:14	terrible 223:7
118:21 122:3	200:14 216:12	151:19,20 160:2	tension 151:4,5	terribly 100:17
125:3 129:12	267:9,19 300:12	163:15 177:5	226:3,5	terrific 6:22 32:4,5
130:4,6 143:19	300:22 305:13	209:13 248:4	tent 65:20 93:18	37:6 54:1 110:17
156:3 184:9 188:5	306:1,11 311:22	265:1 301:7	211:1 261:18,20	111:12 150:9
209:3 210:18	320:10	teams 36:8	tenth 13:22 14:1	262:9
212:17 216:18	talking 25:17 41:17	tech 37:17	tents 195:3	test 10:17 85:11
240:8,21 242:7	43:18 52:20 71:21	technical 45:9 55:4	tenure 88:14 89:4	270:4 318:17
244:13 250:4	83:22 100:15	68:12 96:20 97:15	91:7 240:12	testable 273:18
251:11,21,22	101:3 104:20,22	98:6 167:2	242:14 266:9,9	testing 125:21
252:17 260:8	105:4 138:18	technology 48:13	269:18 270:7	126:2
267:3 271:2 278:7	140:3 149:14	279:22	ten-minute 252:1	tests 131:5
278:12 294:20	177:7,11,13 178:3	Teddy 312:13	term 31:14 94:5	thank 6:18 7:17,21
296:4,12 305:12	245:7 257:10,11	tee 34:17 36:5	110:5 158:8,13	9:4 12:12,22
308:5 319:15	257:17,18 262:3	143:20	161:16 174:10	13:13 22:20,21
taken 6:7 10:17	263:9 272:9 279:4	teed 145:1	192:16	24:13,14 26:8,11
14:15 24:6 94:4	283:3,21 294:20	teeth 91:14	terminology 118:6	28:1,2 31:3 37:15
123:18,20,21	307:3 322:3	telephonically	terms 7:13 17:17	37:21,21 56:3
163:8 221:10	talks 25:21 106:4	160:4	18:9 42:18 63:12	62:13 67:13,15
230:3 241:22	140:13	tell 23:21 49:13	67:4 76:18 77:19	71:16 80:17 83:20
278:12	tangentially 79:12	50:7 54:20 100:10	78:12,16 94:4	84:15,16 85:22
takes 55:14 82:3	tangible 60:22	139:8 152:13	101:20 108:12	86:16,18 89:12
314:21	205:22	184:18 199:10	109:8,18 116:1	93:6,7 95:16
talent 4:8 171:16	tangled 92:4	227:17 251:20	118:1,8 122:3,4	96:15,16 98:9
171:17 172:9	Tarola 2:2 4:23	252:17 272:20	122:17 123:21	99:11 101:16
175:7,14	22:17 29:5,5	274:3 294:15	124:4,8,9,11,20	102:3 103:9
talent's 172:12	98:10,10 200:4	302:19 323:13	126:4,20 128:14	105:20 108:3,14
talk 25:3 42:8	232:12 245:12	telling 52:18 55:21	131:16 133:6	108:18,21 110:8
69:10 104:14	320:20,21	72:22 73:7 145:6	136:18 137:16	110:10 111:15,16
105:14 117:17	task 37:6,8 67:21	151:9	139:14 140:7	123:15 128:9
124:5 128:11	86:10 90:15	tells 73:21 74:1	146:11 155:12	133:22 135:6
159:8 163:17	tasked 260:16	temperature 99:18	169:1 177:3 179:3	137:21 147:10

150:4 151:2 162:1	things 13:6 25:6,19	thing's 269:1	128:16 129:2	211:10 212:20
162:7 163:3 205:5	26:4 32:14 41:4	think 6:21,22 9:6	130:4 132:19	213:11,11,18,19
230:2,6 237:17	50:2 63:7 64:1	9:21 10:3,11,17	133:18 134:1,5,8	214:20 215:4,9,15
245:4 247:6	71:22 74:3 78:17	10:22 11:5,13,20	134:18,19 136:5,7	215:16 216:13
252:11,11 254:20	78:19,22 83:10	13:11,15,17 17:18	136:14 137:3,9	217:5,7,7,10,13
254:20 259:6	85:17,20 87:4	24:10,15,22 25:5	138:1,5,6,7,13	218:10 220:11
260:7,10 262:20	88:12,15 90:3	26:3,4 27:18 28:3	139:1,3,20 140:5	221:9,12,12 222:7
262:22 282:20	91:2,16 95:6,12	28:4 33:5,7,9,11	140:8,22 141:16	223:12,13 224:8
307:4 308:1,15,17	100:3,6,17 101:18	33:15 35:15,21	145:5,17,22 146:5	225:3,4 226:8,11
312:1,15,17,19	102:1 104:1 106:4	37:20 39:15 40:2	146:13,20 147:14	227:18,21 228:7
319:22 321:22	106:6,7,9 114:7	41:4,15 42:6,14	147:15,20 148:9	228:20 229:20,22
323:4 324:5,10,15	129:5 130:22	43:1 44:5 45:1	148:12,16,19	230:4,5 231:15,19
324:16,19	131:21 133:9,20	49:4,11 50:1	149:4,19 150:9,11	234:6,21,22
thanks 30:9 32:7	135:3,11,13,22	52:17,18 53:1,8,9	150:13,15,21	235:17,19 236:2
63:1 66:3 76:3	146:10,19 150:12	53:11,19 54:4,11	152:10 153:8,15	236:18,19 237:4,8
98:10 108:6	154:5 158:16	54:13,16 55:15	154:8,9,10,14,17	237:12,18 238:20
166:11 176:14	164:3,11,15 165:2	58:12,14 61:9	157:8 159:20	239:3 240:7,20,22
200:4 211:8	168:19 173:10	62:2,7,14,14,19	160:10,14,21,22	241:16 244:12,13
212:14 232:12	176:7 177:22	64:10 65:13,20	161:9,19 164:2,6	244:17 245:14
245:18,18 257:4	181:19 182:3,6	66:6 67:1,3,7,9,16	164:14,15,19	246:1,3,12 247:7
294:19 316:9,9	183:4 184:13	67:20 68:7,16,18	165:7,14 167:6,13	247:14,21 250:9
320:21	187:8 189:2 190:6	69:19 70:2,7,10	168:7,22 169:16	250:11 251:3,3
theoretically	190:9 191:14	70:19 71:2 74:8	169:18 170:6	252:13,15 254:6
168:16	194:6 198:6,14,15	74:12 75:2,5,6	171:18,22 172:10	255:15 256:19
thereof 12:3	201:8,9 202:10	76:4,6,12,13 77:1	173:2,6,6,10	257:1,6,8,14,14
they'd 297:6	204:16 205:21	77:10,16,17,20	174:1,4,9,20	260:2,19 261:2
thing 30:5 39:17	207:8,10,17	78:4,7,15,17 80:2	175:1,4,9 177:19	262:8,10,12,15,18
74:6 76:8 79:11	208:19,21 210:8	80:12 81:1,2,9	181:13,18,19	263:1,13,16,17
84:16 89:18 91:11	211:12 213:16,18	82:13,18,19,21	182:22 184:1,1,3	264:3 265:5,11,12
120:15 125:12	214:5,18 216:12	85:20 86:7 87:11	184:4,7,7 185:14	265:13,13 266:18
132:9 142:17	220:21 223:14	87:19 89:5,13	185:22 188:8	266:19 267:13,14
151:12 159:20	224:10 228:8	90:4,11 91:6	189:18 190:16	267:17 268:22
161:8,15 163:17	238:20 239:5,7,13	92:17 94:3,22	191:4,10,22 192:2	269:5,12,15,19
167:1 169:15	240:10,11,15	95:3,7 96:3,9 97:3	192:12 193:5,6,14	271:22,22 272:9
172:8 183:20	243:22 245:5	97:8 100:2,5,6,14	194:3,6,17 195:7	272:16 273:19,20
187:10 188:9	246:19 247:20	100:17 102:12,18	195:14,22 196:2,5	274:12,22 275:21
198:16 216:4	251:19 253:17,18	102:21 103:11,14	196:13,17 197:8	276:7,8,10 277:16
219:6 224:3 227:1	253:20 254:9,10	103:19 105:13,18	197:18,21 198:17	278:13,17 280:12
236:2 254:10	257:8,9 258:15	106:8 107:2,18	198:18 203:2,6,9	280:18 283:9,16
272:12 273:3	267:9,19 274:1,3	108:2 110:2	203:12,18,22	283:17,20,22
276:10 277:10	274:5 280:12	111:12 112:12	204:5,8,16,21,22	289:16 290:7
281:5,8 282:14	291:2,5,8 292:6	113:18 114:1	205:4,8,10 206:3	291:22 293:4,7,14
286:16,20 293:9	293:8,13,21	115:1 116:3	206:9,18,22 207:4	293:22 294:5,6,21
296:11 302:20	296:20 297:3,8	117:13,16,21	207:8,15,21,21	295:2,2,5,15,17
312:4 315:21	298:11,21 302:19	118:7 119:9,19	208:1,4,17 209:4	296:15,17,18
316:15 319:5	303:7 308:18	124:4,19 125:22	209:10,13,19	297:1,18 298:10
322:19	315:7 322:3,5	126:4 127:4 128:3	210:6,12,13	298:12 299:9,13
	- 7-		, , -	, -
	1			

			I	I
299:15,16 300:2	171:2 180:16	tight 102:8 298:4	timeline 124:10	78:4 81:18 82:9
300:13,13,20	200:13 201:3	tightened 294:3	126:11,17 181:10	84:20 86:18 96:16
302:6,12,13,14,20	207:17 216:12	tighter 214:8	timeliness 111:4	96:22 98:10 108:5
302:21 303:9,13	241:14 281:9	297:17	113:14,15 143:5	154:20 160:15
303:15,15 304:1,8	297:10 298:19	tightly 89:6 107:5	151:6	211:7 308:16,16
304:17,19,22	307:7 308:18	199:4	timely 17:21 40:6	tool 87:20 117:15
305:1,7,11,14,21	323:18	time 6:7 7:12,12	40:12 61:11 134:3	280:19,20 308:8
306:1,7,15 307:8	thoughtful 10:2	9:9,9,22 10:6,10	138:1	tools 48:13 85:2,2
307:10,13,15	79:8,9 259:8	10:11 11:13 12:14	times 7:13 11:12	85:21 119:10
308:5,10 309:1,2	295:6,16	13:4,4 21:11,13	88:19 91:22	144:19
309:9,9,10,18	thoughts 93:1	31:14 36:19 37:12	125:17 134:7	top 4:10 69:20
310:2,22 311:10	95:18 102:3 135:5	38:19 39:9 43:18	140:12 178:1	176:6,15 177:4,12
312:16,21,22	217:16 223:10	44:8,11,14,20	202:19 256:21	201:9 206:9
313:4,7,8,15,18	thousands 272:14	45:4,7 46:20 56:9	276:4	221:19 241:6
313:21 314:17	thread 299:16	56:13 61:10,16	timing 59:14 60:21	254:11 258:3,3
315:4 316:16,19	308:7	66:8,13 71:14	115:19	319:16
317:18 318:1,8,8	threat 315:10	78:18 80:19 81:8	tip 32:21 248:17	Tope 324:11,16
319:3,3,12,17	three 10:4 18:2	81:13,19 93:16	tipping 275:13	topic 18:12 19:16
320:2,7,14 321:14	27:7,18 34:10	101:19 102:1	today 8:18,22	19:21 20:19,22
321:14,17,19	41:22 43:13 47:17	103:13,14 104:8	26:12 30:6,14	21:8 24:19 30:19
322:3,3,17,18,19	48:21 53:14 58:16	104:14 110:8	31:1,18 32:12	110:14 111:7,9,19
324:17	61:21,21 73:4	113:2,10,18	63:10 67:19 97:10	116:19 158:21
thinking 10:9 13:4	81:15 83:15,18	118:18 119:20	104:14 107:20	163:19 171:3,5
25:18 35:13 37:13	91:21 93:17 96:22	122:7 123:19	122:4 229:5 230:8	213:22 230:8,22
44:4 59:22 60:19	97:13 143:13	124:12 126:9	235:1 245:10	235:6 239:11
67:21 80:22 93:2	146:19 187:16,20	128:3 130:6,8	246:21 267:9,19	259:11 317:9
98:15 165:10	188:1 210:20	133:13,17 135:17	271:13 273:19	topical 17:21
188:10 192:3	244:9 288:22	136:1 144:1	300:12 304:7	topics 3:8 6:20 13:3
212:21 232:6	298:22 300:3	151:10 157:21	306:1 307:3 308:3	20:9,19 27:14
242:6 246:7 247:2	307:17 315:14	159:6,16 160:1,6	309:5 316:16	30:14 117:8 163:7
thinks 90:6 98:4	316:14	160:7 192:17	320:10	260:16 261:5,8
third 20:16 34:14	three-to-one 58:6	203:16 205:5,15	today's 6:8,22 8:14	top-rated 172:22
36:3 45:13 48:21	thrilled 115:13	207:7 210:11,15	13:14 20:10 21:18	total 141:7
52:13 53:15 57:14	132:4	212:19 215:19	37:14 227:20	totally 7:11 8:4
70:2 83:9 153:16	throw 98:7 171:7	218:13,17,17,21	told 69:17 143:15	21:16 249:20
163:3 208:9	thrown 214:12	219:20 220:5,6	185:6 208:11	268:2 271:9
third-party 179:18	248:17 287:13	222:13,17,18,21	289:3	totem 221:5
Thirty 52:7	thumb 140:19	223:11 227:3	Tom 7:3	touch 108:8 232:3
Thirty-seven 52:6	thumbed 121:5	229:14 232:5	ton 56:6	touched 109:11
thoroughness	TIAA-CREF 1:15	235:2 236:4 237:1	tone 4:10 69:20	112:11
151:7	29:2	246:7 249:14	176:6,15 177:4	tough 133:13
thought 7:9 27:3,17	tie 131:15 177:2	255:8 261:13	201:9	202:17 230:3
32:19 35:17 71:14	199:3 258:11	264:17 267:7	Tony 2:1 3:9,18	tougher 151:4
79:20 84:22 86:22	tied 65:2 177:14	268:11 278:1,22	22:2,18 24:14	toughest 274:5
87:1,10 114:14	ties 256:12 257:20	280:5 309:17	28:10 32:3 37:6	298:1
118:18 137:3	257:21 267:8,18	318:14 319:7,11	37:16 53:17 55:11	town 110:6
140:15 144:22	271:12	322:2	62:13 65:19 76:3	to-do 93:4
	•	•	•	•

		_		
track 175:16 197:7	transparent 57:16	81:10 87:21 93:17	61:4 70:7,8 81:15	146:12 231:9
tracking 31:14	72:22 90:5,6	101:21 119:2	88:4 93:1 97:13	248:10 282:15
96:1	124:19 136:12	120:9 156:16	101:18 107:4	304:12 310:1
tracks 87:5	170:13,16,20	163:17,20 171:8	113:13 117:20	318:4
traction 259:21	199:19 200:19	177:20 193:5	119:10 124:2	unable 22:15
260:2	Treasury 94:9,11	198:10 214:2	143:12 149:7	unbiased 200:19
trade 311:3	94:11 182:9 184:5	223:17 273:12,16	163:7 179:1 183:6	uncertain 59:16
trade-offs 255:11	Treasury's 260:21	trying 33:3 35:10	187:22 188:4	uncertainties 58:3
trading 166:2	treat 83:2 116:15	35:20 55:18 57:5	198:6 200:6	unclear 166:21
171:6,6 301:1,19	treated 217:4	73:2 74:22 77:19	209:10 210:8	228:22
306:6 314:11	treatment 240:17	78:7 88:17 89:16	211:13 213:18	uncovers 145:18
train 307:7	trek 172:19	92:3 96:13 98:12	214:5 219:22	undergird 10:13
training 69:9	tremendous 127:4	107:21 118:10	227:21 228:7	underlie 69:2 100:4
127:21 150:11	136:6,6,7 312:16	122:8,8 128:7	236:7 245:15	underlying 32:12
165:21 168:18	trend 121:22	129:22 137:16,17	261:5,8,22 280:12	107:15
transactions	134:15 188:4	137:19 144:9	285:13 293:21	underpricing 204:4
236:14 238:3,4,7	277:17 315:4	176:15 198:17,18	298:21 302:13	understand 8:4
transcribed 21:19	trends 61:12,19	213:4 214:18	307:17 308:18	21:16 23:12 32:14
261:7 266:14	117:18 118:2	225:16,17,21	311:9,16 316:18	33:12,21,22 39:5
transcript 64:17	146:19	226:1,1,12,12	319:15	40:7 43:8 44:11
275:22 323:6	trepidation 173:17	234:6 295:16,20	two-way 235:16	46:11 47:20 48:9
transferring 90:14	trickling 206:20	296:21 305:21	type 42:14,15 47:20	48:13 49:5,8,18
transformative	tricky 240:19	Turkey 16:17	49:5,13,18 50:3	50:3 54:3 55:5
303:14	307:14	turn 26:19 32:2	59:17 73:19 79:17	94:17 100:1 105:3
transgressing	tried 38:9 104:12	37:16 111:9 153:1	95:6 108:2 141:18	114:15 116:15
153:17	244:19 288:20	163:12 171:1	142:20 164:15	117:11,22 126:11
transparency 4:10	triennial 113:16	187:11 195:1	183:20 188:18	129:22 142:11,18
9:18 11:9 19:20	trigger 296:7	223:17,22 231:5	270:9	142:22 143:1
31:11 51:3 57:15	triggers 46:13	273:11	types 42:7 43:5	144:17,17 147:21
57:18 58:21 63:3	trip 274:10,14	turned 88:22 270:1	44:19,20 45:18	148:7 158:22,22
63:6,13 65:1	trivial 253:22	288:18	47:13 55:5 60:4	185:11 186:4,19
71:19,20 72:2,9	299:5	Turner 2:3 22:5	60:16 62:11 63:12	189:17 197:7
72:12 73:9 89:22	trouble 98:12	28:16,16 53:5,8	78:17 106:6,7	198:22 228:10
92:11 97:7,22	254:12	55:11,13 71:18	181:20 188:13	259:3 263:3
114:5 116:2	troubling 180:6	75:12 93:13 94:8	299:21	271:10 274:13
124:21 135:20	true 8:21 95:21	138:16 217:20	typical 172:17	291:20 299:3
136:19 153:2	116:6 117:4	218:9 268:21	typically 87:16	309:6 319:18
176:6,17,20 196:1	193:10 257:14	285:13 290:15	140:5 223:13	323:10
221:11 222:2,6,6	270:21 271:2	292:8 293:7	226:7	understandable
256:2 260:18	277:22 284:9	Turning 17:5	tyranny 234:4	154:12
261:9,16 262:12	296:3 303:9,12	turnover 49:16,17	T-A-B-L-E 3:1 4:1	understandably
263:2 264:7,10	truly 272:6	turns 306:19	5:1	7:11
266:2 267:8	trust 55:18,19	Tweedie 275:17		understanding
276:14 282:3	165:6	twice 91:21 110:20	<u>U</u>	16:11 23:20 43:4
284:12 304:16,18	trustee 28:16 286:7	314:7	UK 178:1	45:1 48:11 59:20
313:4 317:13	truth 199:10 226:7	two 27:17 29:6 39:8	ultimately 33:18	106:9 226:19
321:16 323:6	try 10:17 70:11	43:12 47:18 48:2	45:13 75:15,17	229:18 232:18
	-	-	-	-

233:2	urgency 116:9	T 7	vested 175:17	187:6
understands	125:7	<u>V</u>	vice 130:18 260:5	voluntary 36:17
124:15	urging 10:3	V 1:19 4:11,15	Victorian 272:10	213:6 238:21
understood 251:10	use 18:3 40:6 50:21	valid 289:15 294:1	view 11:2,3,17 27:1	241:6 243:10,13
251:13 274:19	51:1 55:6 58:12	valuable 12:16	32:19 42:7 83:16	245:11 247:8
undertaking 44:2	59:21 84:3 87:19	108:4 138:14	87:2,12 99:7	254:4 256:12
underwater 33:1,4	92:22 96:12,14	198:17 265:6	103:4 104:12	vote 72:15 91:15
underway 107:5	98:13 104:4 105:2	268:13 297:18	109:12 115:2	92:16,22 142:6,14
under-invest 66:18	105:11 107:21	298:3 304:14	174:11 175:2	246:14,16 248:5,7
undesirable 179:16	110:5 113:4 118:6	valuation 60:10,12	186:15 193:8,8	269:15
undue 194:18	120:18 158:10,13	62:5 141:13	195:4 209:8 227:4	voted 91:17 93:13
unenforceable	161:16 203:4	value 19:1 68:1	233:5 256:19	98:5 221:15,15
288:14	215:19 216:20	70:1 142:2 149:15	272:3 287:20	247:19
unethical 226:10	229:15 252:20	169:5 181:16	288:5,13,17 289:6	votes 92:7 93:5
226:10	264:3 302:8	215:6 237:8,8	290:18 295:10	178:13 247:18,22
unexplored 320:17	306:11,12 308:8	261:4 300:15	314:22 322:16	248:17
unfinished 250:14	useful 16:20 62:7	304:13 312:17	viewed 90:10	voting 33:10 40:9
unfolds 71:14	66:4 75:6 109:15	319:10,14,16		73:1 146:4 182:15
	117:11,12 131:20	320:3	viewpoints 294:4 views 4:17 8:19,20	73:1 140:4 182:13 269:11
unfortunately 7:11 104:7 140:19	132:19,20 139:18	valued 168:4	9:21 12:1 19:6	209.11
209:15 247:9	140:2,6 189:3	value-added 314:3	20:9 51:15 53:12	\mathbf{W}
unintended 276:3	199:8 243:17	variable 59:16	63:19 76:10 265:2	wait 180:12
	244:15 263:14	variety 144:19	266:14	wake 249:17
276:11,11,13 280:7	264:12 269:10	273:14 283:14	violate 288:10	Waldron 38:3
Union 209:17	279:11 280:1	300:21 301:9	violated 114:12	Walmart 91:18
unique 196:5 214:9	usefulness 18:19	302:15	violating 215:15	Walsh 2:5 7:4
United 8:6 15:7	user 248:11	various 11:8 25:5,7	violation 123:12	28:17,17 305:21
83:12 100:19	users 92:8 179:18	31:22 44:7 55:5	149:8 293:12	want 6:3,18 7:2,8
179:2 185:17	266:3,4	115:4 164:3	violations 50:4	7:16 8:9 9:2
186:18,22 187:18	· · · · · · · · · · · · · · · · · · ·	176:19 188:18	122:18,22 123:1	11:11 12:21 13:1
205:17 206:2	user-friendly 139:18	201:10 238:22	159:18 289:3	24:18 26:9 43:1
303:5 310:15		271:17 274:15		43:10 67:14 70:8
	uses 34:14 36:4,6	304:5,10	violently 267:2	71:17 81:3,21
University 1:17,19 29:3,13 218:3	usually 140:9 277:5 utility 12:2 117:16	vary 125:2	virtually 241:18 276:22 279:21	84:17 87:22 93:18
280:6	142:2 302:9	Vegas 220:2	virtue 98:21	93:19,22 101:8
unknown 305:6	U.K 4:15 25:14,16	veil 285:8	virtues 12:2	108:5,7,21 111:8
unsaid 212:20	101:3 146:16	venues 245:8	virtues 12.2 visibility 32:12,22	119:1,14 120:7
unusual 236:14	176:8 178:1 183:5	verification 41:12	33:3 256:3 280:17	121:9 128:7,11
		41:19		133:21,21 134:6
unwarranted 95:14	183:8 184:15	verify 150:2	visible 300:16 vision 181:11	139:9 157:17,18
unwilling 154:3,4	185:2 186:4,5,7 206:18 221:10	versa 130:19		164:18 166:11
update 107:8 updating 30:19	246:12	version 77:9	vis-a-vis 187:14,22	167:11 171:20
		versus 74:11 76:11	vital 26:12	174:22 194:4
upright 207:14	U.S 2:1 47:11 74:11 76:12 139:22	78:6 79:22 119:6	vocation 165:22 voice 193:19	199:8 208:2,17
uproar 55:1 urge 256:14 262:19	170:9 183:6	129:18 139:22	voice 193:19 voiced 14:17	210:14,15 212:19
299:10 313:2		149:16 172:15	voicea 14:17 volume 214:8	213:14 215:4
	206:21 207:3,13 310:4	188:21 212:18		216:6 221:5,18
urged 182:13	310.4	217:14	voluntarily 186:20	210.0 221.3,10
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

202 1 224 11	275 15 15 16 16	210 10 222 2	114 21 161 6	10.622.2
222:1 224:11	275:15,15,16,16	318:18 323:2	114:21 161:6	we've 18:6 23:3
226:6 229:14,21	286:12 288:7	ways 68:16 89:16	165:9 210:13,16	24:21 25:5 32:19
230:2,6 234:3	291:21	100:11 117:11,12	210:16,18 211:2	34:2,4 35:14,16
236:20 237:11,13	waste 219:20	132:20 150:16	234:19 238:13	37:6,17 42:21
237:15 239:13	wasted 223:7	174:13 185:18	251:22 258:13	44:3 48:2 54:17
245:19 247:2	watch 171:12	207:12 224:22	260:2,8 261:13,18	56:22,22 64:2
251:12,14,15	watched 74:15	237:19 297:16	261:19 263:15	74:22 77:6 97:4
252:22 253:3,8,10	watchful 171:10	298:11 301:9	284:4,5,8 290:21	99:16 104:11
254:13 256:17	watching 173:4	weak 312:5,8	290:22 294:6,17	111:19,20 112:11
257:7 259:17,18	watchword 266:2	weaknesses 36:13	294:18 298:13	112:13,13,19
260:8 261:15	water 161:17	48:4	306:6,17	113:1,2,10,16,22
262:4 270:12	watered 250:9	weather 311:18	we're 12:6 17:17	114:9 115:8,10,10
271:18 274:20	waves 250:21	weave 92:5	23:20,22 24:12	115:11 116:8,12
278:16 279:13	way 25:6,8 30:22	web 9:14 92:5	30:20 39:11,22	116:14 118:20
281:11 283:16	34:17 36:5 62:5	139:16	40:16 41:17 42:8	136:9 138:3
284:3 285:3	70:10 71:4 75:1	webcast 21:19	45:3,11 46:18	163:21 165:21
294:11,13,13,15	77:2 85:13 87:11	webcasts 64:7	48:11 49:8 56:11	166:2,3,6 176:5
296:8 298:9,10,14	90:1,9,9 93:12	website 17:1 19:18	58:17 66:16 68:7	197:4 210:9 219:9
299:1,19,20,22	98:14 99:5 105:1	21:22 51:6 218:11	75:2 81:1,6,13	222:21 223:5,11
301:12 303:17	110:7 128:1,19	websites 279:11	82:22 83:1,6 92:8	223:21 224:10
304:18,19 309:4	131:21 136:18	Wedemeyer 187:2	92:10,12 93:15	238:5 250:5 261:6
315:10 318:3	139:16,17,20	WEDNESDAY 1:8	100:13 103:13	267:9,19 281:16
319:5 320:22	144:4 148:19,22	week 11:21	104:4,5,10,21	283:21 289:9
322:13 323:2,14	149:3,4,10 157:1	weeks 174:16	114:16,21 115:1	300:11 305:22
324:5,10,15,16	159:12 170:21	weigh 37:12	115:13 116:16	306:11 308:2
wanted 7:8 17:20	173:8 174:6	welcome 3:3 6:3	117:2,20 122:8	317:18,21 318:8
58:8 63:2 71:18	175:10 184:9	7:2,16 12:9,12,20	133:1,3 135:14	320:10 322:7,8
86:20 96:17 107:7	186:4 190:11	12:21 21:10,11	136:14 137:8,16	whatnot 56:18
108:12 150:6	192:3 200:3,17	63:16 107:2	137:17,19 138:4,5	whatsoever 286:5
171:14 179:10,15	205:14 209:11,19	111:14 305:19	141:3 145:4	what-not 202:17
179:21 180:13	209:21 210:22	Well-done 98:11	146:13 150:7	wheat 223:21
212:16 243:19	212:7 216:22	well-informed	154:13 159:21	whichever 284:19
258:12 260:16	217:10,14 219:21	50:16	160:3,6 164:10,11	296:1
267:16 270:2	221:12 222:1	went 11:14 65:21	169:11 179:11	white 7:9 21:16
281:8 284:11	227:19 240:22	65:21 93:19	181:8 221:2 225:6	144:22 288:11
323:15	250:15 254:14,18	110:11,12 128:3	229:4,17 233:16	289:3,4
wanting 54:10	263:14 265:18	134:12 141:12	238:9 246:18	White's 119:22
123:22 124:11	269:4 273:13	143:14 162:8,9	248:11,14 250:22	wholeheartedly
126:20	274:22 279:10	179:5,6 200:8	251:8,9,15 255:19	219:5
wants 261:17	283:16,16 284:19	219:2 222:13,14	257:10,11,17	who've 24:2 184:21
warn 89:18	287:7 288:10,15	260:11,12 275:22	261:3 274:7,21	199:10 275:6
warning 59:10	290:10 294:14	291:10 315:16	280:6 282:2,12	wide 129:3 144:19
warranted 286:13	296:1,18 297:20	weren't 132:4	284:22 294:8,21	302:15 310:3
Washington 1:12	297:21 302:7	we'll 8:14 20:11	296:21 298:13	wildfire 190:21
6:10 7:13	303:15,19 304:2	22:20 25:17 28:8	307:3 309:1 318:2	Wilfert 38:18
wasn't 179:19	308:11,13 309:11	32:2 37:2 57:12	318:2 321:10	willful 153:18
222:15 227:7	309:13 314:2	101:19 112:21	322:3 324:18	William 7:5
	507.15 51 F.2	101,17 112,21	322.3 32 1.10	, , , , , , , , , , , , , , , , , , , ,
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

willing 117:2	218:6,6 227:19	246:9,11,19 253:2	216:9 217:15	26:11 29:15,15
181:14 263:4	236:3 248:10,12	276:21 279:14	218:15 243:4	145:8,12 147:5
willingness 66:11	254:14 260:18	worldwide 311:11	274:16	150:5,5 231:6
70:14	263:5 265:17	worried 153:5	wrote 191:5 288:21	234:19 238:13
willy-nilly 303:3	267:14 289:8	215:12 304:17		244:19 261:20,21
win 276:9 313:3	291:17 296:14	worries 217:13	X	261:21 263:1
wind 266:3	308:10 310:13	worrisome 227:10	x 72:10 297:18	265:3 312:18,19
window 67:19	311:7,16 312:1,10	worry 173:20 196:4		322:5
314:12	312:14,17 313:8	196:4 214:21	Y	yesterday 246:12
winners 98:16	315:20 316:12	306:8	Y 297:18	yes-people 223:4
wisely 10:3	317:1,8	worse 122:2 128:18	Yale 218:3	yield 62:7 110:7
wish 8:7 22:16	worked 23:2	129:2,7 152:21	year 9:10 13:22	York 314:7
317:22	125:20 133:19	202:14 203:11	14:2 30:16 38:6	Young 148:15
withhold 142:9	138:3 184:19,21	worth 68:1 78:1,2	44:18 50:8 61:4	185:21 241:4
withholding 142:16	185:13 191:15	80:22,22 136:11	100:20 111:22	243:8
witness 281:15	289:1 297:1	188:10 223:12	112:10,14,20	
wonder 93:5	working 3:8,8,10	237:4 243:20	113:11,12,21,22	Z
227:14	3:13,16 4:4,20	279:3	115:9 126:5,12,13	Z 297:18
wonderful 107:13	6:19 7:19 11:2	worthless 288:19	126:14 129:20	Zealand 16:16
108:4	16:14 18:17,22	wouldn't 55:13	139:21 141:12	zero 220:17
wonderfully 92:17	20:20 21:1,6 22:1	173:18 213:14	143:10 151:19	
wondering 84:11	22:3,4,8,9,13	219:14,16,20	153:20 208:9	\$
89:7	23:15 31:10,19	240:20 252:16	219:18 230:21	\$650 319:4
word 76:21 160:10	37:17 61:6 77:18	269:16 296:3	236:20 256:9	
161:7 172:9	80:11 86:8,21	Wow 171:2	267:5 308:12	0
214:11 255:16,16	107:16 108:9,9,12	wrap 102:3 158:7	years 14:16 18:2	0.01 73:21
257:2 258:13	108:14 112:11	303:17 322:13	49:20 54:17 61:4	09 319:21
273:22	113:3 114:17,21	wrap-up 94:3	61:21,21 64:20	1
words 45:11 60:20	115:1 117:20	192:8	68:14 74:22 80:1	
90:3 166:16 204:6	132:17 135:13	wrestled 27:4	80:7,7 90:12	1 126:12 136:17
296:5 310:6	138:5 163:4,10,11	231:21	100:22 111:20	142:21 143:2,5
work 12:12,17 14:8	163:16 165:15,17	wretched 53:22	112:6 116:18	152:5 159:3,18
18:3 24:4 25:16	184:5 199:11	writ 302:1	124:22 143:13	179:7,9,13,21
32:13 39:20 54:10	213:17 230:8	write 91:8 119:8	146:19 154:15	288:3,18 306:19
54:11 71:9,10	247:11 254:21	168:17 201:21	164:22 165:1	1:32 162:9 163:2 10 319:21
76:4,6 77:11	259:15 263:19	205:1 279:5 280:2	176:8 182:7 183:6	10 319:21 10A 322:12,20
84:17 92:12,21	267:4 320:15	writedown 91:22	208:10 217:6	10A 322:12,20 10-k 269:6
103:15,20 114:19	324:8,8	writes 283:2	219:22 222:14	
120:9 125:19	works 8:5 187:7	writing 132:5	224:1 234:20	100 74:22 241:5 1001 1:11
127:3 131:2	192:3 219:21	252:20 294:5	235:9 238:4 263:7	
132:12,13 149:19	221:11 250:13,21	written 179:6	269:1 270:15	11 93:16 11:08 110:12
159:6,16,21 160:6	321:14	192:1 250:10	276:20 283:22	11:08 110:12 11:25 110:9,10
163:17 174:13,21	world 11:11 50:13	287:17 288:3,9,15	300:18 314:6,9	11:25 110:9,10 11:26 110:12
195:13 197:1	51:16 52:22 54:10	289:5,6,10	year's 70:17	
198:21 200:2	61:15 76:9 80:12	wrong 32:15 56:8	year-end 34:8	12 3:5,5,6 15:5
205:5 215:21	166:5 189:21	88:6 89:1 119:8	year-to-year 98:3	93:15 126:15
216:2,6 217:21	206:14 208:5	155:6 182:4 214:6	Yerger 2:6 3:14	143:10 144:1,5,9 152:8 161:9,12
,			4:22 5:7 22:12	132.0 101.9,12
	•	•	•	•

				1 496 37
165:1	2008 138:9 166:17	35 306:19	9	
12-month 116:21	182:10 260:21	35-year 214:5		
123:19 124:18	2008-2009 174:4	37 3:18	93:4	
125:19 124.16	2010 14:13,19 15:5	37 3.10	9:00 1:12	
160:19	17:8,11 18:14	4	9:02 6:2	
12:26 162:9	31:8 183:6 235:10	4th 280:4	90 94:15,18 104:2	
		40 51:17 199:17	90s 190:21	
124 3:22	2011 17:14 18:17	269:1	900-pound 164:8	
13 3:6	19:13 276:1 2012 10:22 14:4	400 80:11	9000 73:19	
13th 19:8		401 (k) 210:1	95 50:18 73:22	
134 3:23	18:7,22 31:10	4010 133:19	99.9 73:19	
15 152:9 294:14	50:9 114:7,9	403(b) 210:2	99.99999 92:6	
314:6	2013 1:8 14:1 18:7			
15-minute 260:8	114:22 241:8	404 315:7,7		
16 1:8 5:6 150:8	2014 20:3 185:12	407 257:13		
230:20 235:14	2016 15:15 16:6	45 57:12		
236:5,22 237:18	21 50:17	47 51:16 52:13		
237:20,22 245:21	21 (a) 191:5	311:11		
291:9 293:13	22 3:9	498 50:14		
164 4:5	231 4:22	5		
166 4:7	233 4:24	5 73:22		
17a-5 9:12	234 5:7	5:06 324:22		
171 4:9	238 5:11			
176 4:11	24 3:12	50 85:19 319:1		
18 53:3 58:9	245 5:14	50/50 244:4		
181 4:13	25 36:1	57 58:8		
184 4:15,18	250 111:22 112:1	6		
192 4:19	113:20 219:22	6 3:4 126:9		
1955 274:11	220:11	60 280:4		
1970s 231:15	26 3:14	69 57:20		
	260 5:18	09 31.20		
2	27 80:7	7		
2 112:18 116:4	28 3:15	7 291:6 292:7		
118:12 124:9		70 35:14,21 102:11		
126:13 132:3	3	306:18		
136:15 138:10	3 126:14 159:18	70s 222:10		
143:1,22,22	180:1 182:13	70 3 222.10 71 3:19		
144:11 179:8,9	291:3 292:6,16,17	72 51:13		
180:1 258:14	3:33 260:12	73 57:20		
264:15	3:45 260:9	75 58:19		
2s 143:8,9	3:50 260:12	76 218:20		
2:50 210:17	30 36:1 90:12	78 218:20		
20 80:1 221:19	199:17 208:11	10 410.40		
224:1 263:7	300 220:1,11	8		
301:14	3000 248:3	8.5 50:18		
2000 218:1,8	31 3:17	80 57:17 58:20 63:5		
2002 19:22	324 5:22	88 57:19		
2004 191:10	34 51:18	89 241:5		
		υ <i>ρ</i> Δ τ 1. <i>J</i>		
	1	I	I	<u> </u>

<u>C E R T I F I C A T E</u>

This is to certify that the foregoing transcript

In the matter of: Investor Advisory Group

Before: Public Company Accounting Oversight Board

Date: 10-16-13

Place: Washington, DC

was duly recorded and accurately transcribed under my direction; further, that said transcript is a true and accurate record of the proceedings.

Court Reporter

Mac Nous &