

PIPELINE AND HAZARDOUS MATERIALS
SAFETY ADMINISTRATION

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VOLUNTARY INFORMATION SHARING SYSTEM
WORKING GROUP

+ + + + +

MEETING

+ + + + +

WEDNESDAY
FEBRUARY 28, 2018

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The Working Group met in the Westin
Arlington Gateway, 801 North Glebe Road,
Arlington, Virginia, at 8:30 a.m., Diane Burman,
Chairman, presiding.

MEMBERS PRESENT:

DIANE BURMAN, Chairman, Commissioner, New York
State Public Service Commission
ERIC AMUNDSEN, Vice President, Panhandle
Energy/Energy Transfer Partners
MICHAEL BELLAMY, General Manager, PII Pipeline
Solutions (GE)
KATE BLYSTONE, Outreach, Pipeline Safety Trust*
BRYCE BROWN, Vice President, Group Strategy
Management, The ROSEN Group
ROBERT BUCHANAN, General Manager, Seal for Life
Industries
JASON CRADIT, Senior Director of Technology, TRC
Oil and Gas
DAN COTE, Vice President of Pipeline Safety &
Compliance, NiSource Gas
YIMING DENG, Associate Professor, Michigan State
University*

MICHAEL KELLER, Associate Professor of
Mechanical Engineering, University of
Tulsa

MARK HERETH, Principal, Process Performance
Improvement Consultants

LEIF JENSEN, Senior Director of Asset Integrity,
Sunoco Logistics

WALTER JONES, Associate Director of Occupational
Safety & Health, Laborer's Health & Safety
Fund of North America

MIKE LAMONT, Vice President, Integrity Plus

ALAN MAYBERRY, Associate Administrator, PHMSA

RANDY PARKER, Vice President of Regulatory
Affairs, Kinder Morgan

JOE SUBSITS, Chief Pipeline Safety Engineer,
Washington Utilities and Transportation
Commission

MICHELLE THEBERT, Director, Facilities
Protection Unit, Georgia Public Service
Commission

CHRISTOPHER WARNER, Senior Vice President, Mears
Group, Inc.

MARK ZUNIGA, Vice President of Information
Technology, International, Inc.

ALSO PRESENT:

AHUVA BATTAMS, PHMSA

SHERRY BORENER, PHMSA

KAREN LYNCH, PHMSA

CHRIS MCLAREN, PHMSA

CHRISTIE MURRAY, Director of Program
Development, PHMSA, DFO

HUNG NGUYEN, PHMSA

DRUE PEARCE, Deputy Administrator, PHMSA

DOUG WHITE, PHMSA

* present via telephone

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

2 8:34 a.m.

3 CHAIRMAN BURMAN: We're going to do
4 roll call, but we're going to go around and have
5 people introduce themselves, so it will be
6 easier. We'll start with Dan.

7 MR. COTE: Thank you. Good morning.
8 I'm Dan Cote. I represent NiSource. I've been
9 in the distribution industry for 45 years.

10 MR. BUCHANAN: I'm Bob Buchanan with
11 Seal for Life Industries. I'm representing the
12 coatings and petroproducts (phonetic) protection
13 vendors.

14 MR. AMUNDSEN: Eric Amundsen with
15 Energy Transfer. I represent industry.

16 MR. BROWN: Excuse me. Bryce Brown,
17 the Rosen Group. Represent industry, and in-line
18 inspection specifically.

19 MR. HERETH: I'm Mark Hereth with
20 Process Performance Improvement Consultants. I
21 represent the industry, and I'm also the current
22 Chair of the INGAA Foundation.

1 MR. CRADIT: Good morning. I'm Jason
2 Cradit from TRC Solutions.

3 MR. JENSEN: Good morning. Leif Jensen
4 from Sunoco Pipeline, a division of Energy
5 Transfer. Been in the industry 31 years -- 20 in
6 distribution, and 11 in transmission, hazardous
7 liquids.

8 MR. WHITE: Good morning, I'm Doug
9 White. Representing PHMSA, Director of Training
10 and Qualifications.

11 MR. MAYBERRY: Good morning. I'm Alan
12 Mayberry of, from PHMSA. I'm representing PHMSA
13 on the committee.

14 MS. BERMAN: Diane Burman, Commissioner
15 with the New York State Public Service
16 Commission, State Regulator.

17 MS. MURRAY: Good morning, I'm Christie
18 Murray, Director of Outreach and Engagement for
19 PHMSA.

20 MS. WHITE: Good morning, I'm Nancy
21 White, Director of Policy and Programs for PHMSA.

22 MR. WARNER: Good morning, Chris Warner

1 from Mears Group representing industry and
2 inspection contractors.

3 MR. ZUNIGA: Good morning, Mark Zuniga
4 with UniversalPegasus, representing service
5 providers.

6 MR. LAMONT: Morning, Mike LaMont,
7 Integrity Plus, also representing service
8 providers.

9 MR. SUBSITS: Joe Subsits with
10 Washington Utilities and Transportation
11 Commission, representing the National Association
12 of Pipeline Safety Representatives.

13 MS. THEBERT: Michelle Thebert, Georgia
14 Public Service Commission, State Regulator.

15 CHAIRMAN BURMAN: I believe we have
16 established a quorum. Just want to let you know
17 that to complete the business of the Advisory
18 Committee meetings, we ask that all parties hold
19 their comments until we open the floor.

20 And we're going to have, we're going
21 to please keep your remarks brief, less than five
22 minutes. This is for audience participation.

1 Written comments -- Actually, I, I
2 don't need to read this, do I? Yeah? Okay.

3 The presiding official may ask you to
4 cut your comments short if necessary to keep the
5 agenda moving. Written comments should be
6 submitted to the Advisory Committee, docket
7 number PHMSA 2016-0128.

8 This is a federal Advisory Committee
9 meeting. Committee members and members of the
10 public are asked to preserve order and decorum
11 during this meeting.

12 No one shall, neither by conversation
13 or otherwise, delay or interrupt the proceedings,
14 or the peace of the committee, nor disturb any
15 member while speaking, or refusing to obey the
16 instructions of the Chair, or the designated
17 federal official or other presiding official.
18 Disruptive individuals, including the Chair, will
19 be asked to leave.

20 DR. MURRAY: All right, well good
21 morning officially, everyone. Oh, on the phone
22 and here in person, and our public guests, thank

1 you for joining us this morning.

2 Welcome to our VIS Working Group
3 Advisory Committee meeting.

4 My name is Dr. Christie Murray, and I
5 will be serving as the designated federal
6 official presiding over today's Advisory
7 Committee meeting.

8 The purpose of the meeting today, and
9 the, the future Voluntary Information Sharing
10 Working Group meetings, is to fulfill Section 10
11 of the Protecting Our Infrastructure of Pipelines
12 and Enhancing Safety Act of 2016.

13 This committee has two main target
14 focus areas. The first is to consider the
15 development of a Voluntary Information Sharing
16 system that encourages collaboration that
17 improves inspection information, feedback, and
18 information-sharing, and generally, pipeline
19 safety.

20 The ultimate deliverable of this
21 subcommittee -- or excuse me, of this Advisory
22 Committee -- is to provide recommendations to the

1 Secretary of Transportation that will be publicly
2 housed on the Secretary, Department of
3 Transportation's website.

4 In the Advisory Committee's last
5 meeting back in, public meeting back in November
6 of 2017, one of the key takeaways from that
7 meeting was the development of a strategic
8 mission statement, which is indicated here for
9 your reference.

10 I'm not going to read it in its
11 entirety, but I would like to highlight just a
12 few key components of it. And it's really to
13 recommend the development of a secure Voluntary
14 Information Sharing System, as I mentioned, that
15 encourages collaboration and analysis of
16 integrity and risk assessment information for
17 pipeline safety purposes for the gas
18 transmission, gas distribution, and hazardous
19 liquid pipelines in a measurable way.

20 The intent of this effort and system
21 is to provide a collaborative environment that's
22 proactive, it facilitates technological

1 advancements, and leads industry to actionable
2 outcomes.

3 I know it's a mouthful, but it is
4 certainly more encompassing than just the Section
5 10 of the PIPES mandate. It, it covers the
6 mandate items, in, in their totality, but it has
7 been also expanded to include gas distribution
8 systems.

9 Just a few housekeeping items. The
10 restrooms are located out of the doors, so
11 whether you're sitting in the back behind me or
12 over to my right, there are restrooms -- if you
13 go out either doors, there's a restroom to the
14 left, and there's a restroom to the right,
15 depending on which direction you're going. So
16 there's two different set of restrooms.

17 Please make sure you silence your
18 mobile devices so that we can minimize
19 disruptions and distractions during the meeting.

20 Also, as we entertain comments from
21 the public audience at designated times, please
22 remember to hold your comments until the floor is

1 open, and keep them brief, relatively, five
2 minutes or less.

3 And as Chairman Diane mentioned, there
4 is the information listed here to submit comments
5 to the docket.

6 From a safety perspective, if you go
7 out either set of doors, either behind me or to
8 my right, there's a stairway cat-a-corner to both
9 of those doors, in between both set of doors,
10 cat-a-corner to me on the right side. We would
11 take that stairway downstairs to the main level
12 and out the hotel doors, and we will assemble
13 across the street right in front of PF Chang's.

14 In terms of the agenda, what we will
15 cover today in this Advisory Committee meeting,
16 we will certainly have opening remarks in just a
17 few moments from our Chair, Diane Burman -- and
18 then any opening remarks that PHMSA leadership
19 may have to offer.

20 And then we'll move into the
21 Committee's business, where we'll review the
22 recommendation report sections and high-level

1 timelines, and then we will have subcommittee
2 operations. We'll provide an overview of how the
3 subcommittees have been established, and how they
4 will work and have been working since our last
5 meeting in November.

6 Then we will have subcommittee report-
7 outs. We will have each of the seven
8 subcommittees. Their chair will give us brief
9 report-outs of the activities that took place
10 yesterday, and the closed subcommittee meeting
11 presidings, proceedings.

12 Then we'll have lunch, roughly at
13 around 1:15, and then we'll have two
14 presentations in the afternoon -- one from the
15 National Transportation Safety Board, and one
16 from the Pipeline Research Counsel International,
17 if I'm getting the acronym correct.

18 And then we will leave some time on
19 the agenda for the Advisory Committee to discuss
20 any preparatory work that would need to take
21 place before the next meeting, and we will close
22 with action items and closing remarks.

1 Are there any thoughts or questions or
2 inclusions for the agenda?

3 Okay, thank you. So next I'll turn it
4 over to Chairman Burman for her opening remarks.

5 CHAIRMAN BURMAN: Thanks. First of
6 all, thank you all for being here. Thank you
7 those in the audience.

8 I do just want to take a moment of
9 personal privilege to introduce Kevin Speicher,
10 who's in the audience. He is the head of our
11 Pipeline Safety in New York, and without him as a
12 staffer in New York, I wouldn't really, as a
13 Commissioner, be able to do my job.

14 And I'm blessed to have him, and he
15 has been an integral part of my learning as a
16 Commissioner on gas safety. So I thank him
17 immensely.

18 This is the fourth meeting of our
19 group, as you know, that was formed to address a
20 Congressional mandate in the PIPES Act of 2016.

21 It's not lost on me that as March 1 is
22 approaching us, two years ago there was a

1 legislative hearing that was held to examine
2 Pipeline Safety reauthorization, and PHMSA
3 testified at that time, and talked about the need
4 to take seriously the Pipeline Safety program,
5 and to look at all that they, we could be doing.

6 And one of the things was the
7 Voluntary Information Sharing System Working
8 Group, which was made part of the, the Safe PIPES
9 Act.

10 And we have been charged with
11 determining the feasibility of a Voluntary
12 Information Sharing System to encourage
13 collaborative efforts to improve pipeline
14 assessment information, and information sharing
15 with the importance, with the purpose of
16 improving integrity risk analysis.

17 We as a group have expanded that
18 mission and that scope to include the gas
19 distribution pipelines, and we have incorporated
20 a mission statement that we really take ownership
21 on, and have really rallied together trying to
22 focus on the vision, and now put into action what

1 we see as appropriate recommendations to make
2 this a living, breathing document that can then
3 be taken for next steps going forward.

4 For me, it's a crucial time to be
5 involved with Pipeline Safety. I really look at
6 my job as a regulator, that the integrity and
7 reliability of our pipeline system is paramount.
8 And at the core of that is Pipeline Safety.

9 All that we do is crucial. Coming up
10 in April is Dig Safely Month, and it's not lost
11 on me that we spend a lot of time focused on call
12 811 and education.

13 In January 2018, it was reported that
14 following a utility safety presentation, a fourth
15 grader discovered a natural gas leak at a local
16 church right after that presentation.

17 Makes an impact on me, on, a powerful
18 impact on the fact and the value of, that what we
19 do -- as simple as a fourth grader, right after a
20 utility safety presentation that was focused on
21 that, calling 811, focusing on something like
22 that, and the follow-up from that really sort of

1 sends the message to me about looking at all of
2 the different tools in the toolkit.

3 This focus, the Voluntary Information
4 Sharing System Working Group is one initiative
5 that we can do, and that we should look at as a
6 way of helping to continue to improve the safety
7 of our pipelines.

8 And I am blessed to be a part of this
9 group with the volunteer members here, as well as
10 the hardworking PHMSA staff that are helping
11 support this initiative.

12 So with that, thank you, and we have
13 a lot, a very aggressive timeline not only today,
14 but for the issuance of the report. So without
15 further ado, I'm going to now turn it over to
16 Drue Pearce.

17 MS. PEARCE: Thank you very much,
18 Commissioner. I am Drue Pearce. I am the Deputy
19 Administrator of PHMSA, and I'm very pleased to
20 be here with you this morning.

21 You met Skip Elliott, our
22 Administrator, in November. He came to that

1 meeting. I wasn't able to, so I'm very pleased
2 that I have a chance to be with you today.

3 I want to let you know that we very
4 much appreciate your willingness to be part of
5 this effort.

6 I know that Dr. Murray and
7 Commissioner Burman have set a very aggressive
8 schedule. In fact, when Dr. Murray showed it to
9 me, I was shocked and said government never moves
10 that quickly. And so I, I applaud the work that
11 you're doing, and in such a short timeline.

12 But it's really important that we do
13 move forward in this short timeline, because we
14 at PHMSA, with the OPS side, are headed toward
15 our next reauthorization by Congress, and a whole
16 new set, probably, of mandates, in 2019.

17 We've already begun meetings to
18 discuss things that we would like to take to
19 Congress ourselves as changes to the, to the
20 acts. And this process that you're going
21 through, of course, was one of the mandates out
22 of the 2016 PIPES Act. So it's important that we

1 show progress, and that we show outcomes from
2 those.

3 We're meeting as many of those
4 mandates as possible. I want to publicly thank -
5 - and I know some of you serve on both, both our
6 CPAC and our GPAC -- for helping us work through
7 some of those regs in particular.

8 And I won't take any more time. I
9 thank you again -- both you, and also to the
10 public that's participating, and those of you
11 online. I look forward to today's meetings, and
12 also to your meetings in the future. Thank you.

13 CHAIRMAN BURMAN: Alan?

14 MR. MAYBERRY: Yeah, good morning
15 everyone. And I'd just, I wasn't going to say
16 anything, but then I got to thinking about a
17 couple of items I thought were important to bring
18 up, because I, I realize I need to keep it short.
19 This is a working meeting, and appreciate the
20 progress that's been made so far. Appreciate
21 your return commitment to this important effort.

22 I'm going to say, I, I was heartened

1 to hear earlier this week, I was, attended a
2 Distribution Contract Association meeting and
3 spoke to the group about what is going on at
4 PHMSA.

5 But I was able to also hear some of
6 the efforts, and some of the initiatives that are
7 ongoing with that group, and that, the
8 stakeholder group that covers primarily
9 distribution, but also transmission operators.
10 There are a bunch in the crowd.

11 But I was able to hear what they're
12 doing related to SMS, and socializing and
13 adopting SMS, and I was really glad to hear that.
14 I think it speaks to the, you know, certainly
15 operators in the industry that's embraced it, and
16 is moving forward with it on the journey.

17 But I just thought that was, I was so
18 glad to hear that they are looking at how they,
19 you know, have a, a role in SMS -- which,
20 definitely, they do, because they do a lot of the
21 work that, you know, a lot of the pipe that goes
22 in the ground, most of it is, is, you know, done

1 by contractors. And certainly they have a role
2 related to Safety Management Systems.

3 Why does that relate to us? Well, I
4 see this effort. I think we all see this effort
5 related to sharing information as a, you know, it
6 fits in with SMS, and the whole subject of, you
7 know, a systems approach to safety which involves
8 sharing information, you know, across the
9 organization.

10 So just going to say that. I was glad
11 to hear that, and I, you know, it told me that,
12 you know, things, you know, the hard work that
13 many of us in the room are doing to, to promote
14 SMS is actually working.

15 So with that, I will turn it back over
16 to the Chair. Thank you.

17 CHAIRMAN BURMAN: Thank you. And with
18 that, I'm going to turn it over to Dr. Murray
19 now.

20 DR. MURRAY: Okay, thank you. So if
21 you're following along with us over the phone, we
22 are going to move forward on the agenda. There's

1 a few announcements that I wanted to make before
2 we started to talk about the subcommittee work.

3 One, I wanted to say thank you and
4 acknowledge the PHSMA staff, who, many
5 individuals who really help to drive a lot of the
6 work that takes place outside of the committee
7 meetings.

8 I think we have a awesome group of
9 folks who are on, who are supporting this
10 committee, and I just want to recognize them up
11 front, as opposed to at the end of the meeting
12 today. There's a lot of hard work that's gone
13 into it.

14 But I also want to thank the
15 committee, and all of those on the committee who
16 have volunteered even more time to serve as
17 chairs of the subcommittees as we move forward.
18 So we appreciate your willingness to step up,
19 and, and lead on those subcommittees.

20 One of the things I wanted to
21 announce, because what typically tends to happen
22 in the afternoon is there's a lot of movement,

1 there's flights to catch. So I wanted to just
2 say save the date for our next VIS Working Group
3 Advisory Committee meeting, which will be March,
4 actually the, April.

5 But it's April 4th and 5th. The top
6 bullet is correct. Me typing late at night
7 didn't help. But April 4 will be the
8 subcommittee-only closed meetings, and April 5
9 will be the VIS Advisory Committee meeting. So
10 disregard those sub-bullet dates.

11 It's really the 4th for the
12 subcommittees and the 5th for the VIS Advisory
13 Committee meeting.

14 The April 5 meeting, VIS full Advisory
15 Committee meeting, will be the meeting that's
16 open to the full public. We're still determining
17 the location, so stand by. And when we do update
18 the location, it'll be listed on our meeting
19 registration page, which is currently available
20 if you want to register ahead of time for that
21 upcoming meeting.

22 Also, if you'd like a snapshot of what

1 the future meetings that we have planned this
2 year -- one of the takeaways from the November
3 committee meeting was to go ahead and set the
4 dates, even if they're 80, 90 percent,
5 recognizing we still have to secure meeting
6 space. But we wanted to at least project out the
7 dates for the year, since we have such an
8 aggressive time, time schedule.

9 As you can see from this depiction, as
10 the subcommittees meet, we've designed it so that
11 the first day of the full group getting together
12 will be designated for subcommittee meetings.

13 And then that gives the subcommittee
14 meetings an opportunity to work collaborate,
15 integrate with each other, tee up questions for
16 the parent committee so that on the second day,
17 when the full Advisory Committee takes place,
18 they're able to bring those questions forward,
19 and also communicate out the status of what has
20 taken place in the subcommittee meetings.

21 And that's also helpful for the
22 public, who, who wants to have some insight as to

1 what's taking place in those subcommittees. It
2 gives an opportunity for the chairs of those
3 subcommittees to highlight some of the key
4 actions and takeaways from those meetings.

5 If you're wondering, how does this
6 all, how is this all going to work together, I
7 figured, I, I work best with pictures.

8 So you have your main parent
9 committee, who will ultimately be driving the
10 ship on the recommendations. But then there's,
11 what we put together in the administrative
12 meeting is just really a framework, and that's
13 what is referred to with the report outline, that
14 really starts to identify -- what are some of the
15 key sections and components that we want to make
16 sure is covered in the recommendation report?

17 So that will be an input into this
18 process. And also the work of the subcommittees
19 themselves as they provide recommendations for
20 the parent committee, those will all drive the
21 actions of how the ultimate report will be
22 developed.

1 One of the things that we'll talk
2 about today is each of the subcommittees will
3 bring forward, based on their discussions
4 yesterday, they will bring forward their
5 recommended task statement.

6 This task statement is the document
7 that each subcommittee must get approved by this
8 parent committee in order to really advance their
9 efforts, and to continue to work towards
10 identifying solutions and recommendations.

11 Once the task statements are approved,
12 the subcommittees will take those back, and start
13 to work. And then they will bring back
14 recommendations for the parent committee's
15 consideration and approval that will ultimately
16 become the consolidated sections and aspects for
17 the full recommendation report.

18 So I just wanted to kind of give you
19 a sense of how that will all come together.

20 If you're wondering, what are the
21 subcommittees, and who are the members, I wanted
22 to at least give you a snapshot of what that

1 looks like.

2 There are seven subcommittees, and
3 they're listed here. Each of the subcommittees
4 has a PHMSA Alternate Designated Federal Official
5 who will preside over those subcommittee
6 meetings, and they're listed as well. And then
7 we have individuals from this parent Advisory
8 Committee who will serve as chairs.

9 So the ADFOs, as you'll hear me refer
10 to them, they actually will be working hand in
11 hand with the chairs of their subsequent
12 subcommittees.

13 And then to the right is just an
14 indication of how many members are currently on
15 each subcommittee.

16 And then the, at the bottom there are
17 a few floaters -- so Alan Mayberry, myself, Diane
18 Burman, and Ahuva Battams, which is seated right
19 here to my left, from our Councils division.

20 We're floaters. So what we do is, we
21 actually move between each of the subcommittee
22 meetings, offer guidance, answer questions, make

1 sure if they're, the subcommittee is stuck in a
2 way, to work to try to see if we could help to
3 get them unstuck so that their work can continue.

4 This is difficult to read. We'll make
5 sure that this presentation is available to all,
6 but this is just a snapshot of each subcommittee,
7 and who, who's supporting them from a PHMSA
8 standpoint, and who the parent committees'
9 members are, and which committees they are
10 representing.

11 Next, I wanted to just introduce you
12 to the framework that we have provided to the
13 subcommittees for their consideration, and the
14 parent committee. This is just an initial
15 working framework for the recommendation report.

16 It's just really to serve as guidance,
17 and to give the parent committee food for thought
18 as to what potential sections they might want to
19 include in the ultimate recommendation report.

20 So there would of course be the front
21 matter, with the table of content, the executive
22 summary, key terms, acronyms, the introductory

1 and background language.

2 And then bullet six really starts to
3 get into the meat of all the subcommittee work.
4 This is where all the information sharing topics
5 will come into play.

6 We'll look at the, how, what types of
7 data will be recommended, who will, the audience
8 for that data will be, the best practices, the
9 technology that drives these recommendations, the
10 regulatory, legal, and funding framework, best
11 practices, and training and qualification. All
12 those components will be fleshed out in that
13 information-sharing topical area.

14 And then the findings will be
15 summarized, the recommendations will be
16 specified, and then, of course, the conclusion,
17 and any supporting reference material.

18 So with that being said, we've also,
19 through our administrative meetings in December
20 and, and January, we've tried to flesh out what,
21 what might be some of the sections of the report
22 itself.

1 But also, what are the timelines that
2 will drive the subcommittee and the parent
3 committee's efforts?

4 Some of these items, we are, we've
5 already gotten ahead of, and we're making good
6 progress. I mentioned the recommendation report
7 outline that I just talked about. We have
8 established the subcommittees, we have chairs,
9 and we have internal Advisory Committee members
10 identified.

11 I know there's going to be interest
12 and questions about external members. So we
13 certainly will be, a next step will be to
14 actually invite others to participate on the
15 subcommittees based on each subcommittee's
16 identified expertise and need.

17 So that is coming, and you haven't
18 been left out if you and others might be
19 interested in participating.

20 We also had an initial subcommittee
21 kick-off meeting in February where we introduced
22 the chairs and alternate DFOs to the committee

1 members, subcommittee members, and to initially
2 talk about that task statement you'll hear us
3 refer to quite a bit today.

4 And each of the subsequent
5 subcommittees have talked with their members, and
6 have drafted the task statement that will be
7 reported out on today.

8 And we're also in the progress, we'll
9 be hearing today about what some of those
10 external subcommittee member needs are. So those
11 will be some key topics.

12 And then six through, I think it's
13 like 12, there are some other, yeah, 13 -- six is
14 where the, so from now until about June, that's
15 really going to be the heart of the
16 subcommittees, really grinding to understand
17 what's been done across the industry, what's
18 needed in the Pipeline Safety Arena, and how to
19 make sure that we, we can, we can move the work
20 forward to develop the sections of the report
21 that might be needed.

22 And after that, on the next slide

1 there are the remaining items.

2 So once the subcommittees have had a
3 chance to do a lot of the background work, do
4 some homework, understand more of the practices
5 across various industries and what's needed, we
6 will also give them an opportunity to pull
7 together -- there you go, thank you -- pull
8 together their initial recommendations and
9 findings, and present those back to the parent
10 committee.

11 That'll happen around mid-year,
12 July/August timeframe. Then based on some of the
13 guidance from the parent committee, the
14 subcommittees will go back and fine-tune their
15 initial sections of the report, and produce their
16 initial recommendation report in August/September
17 timeframe.

18 And then they'll bring that back in
19 the October meeting. There'll be some homework
20 for the parent committee, I presume, to review it
21 and come with substantive comments for the
22 October meeting, and then give them an

1 opportunity to review that.

2 And then the report will be revised
3 again to incorporate that feedback, and we will
4 provide it back to the parent committee for a
5 second review with the hopes that it will be
6 finalized in December, at the December meeting,
7 and voted on, if that's the desire of the parent
8 committee.

9 And then ultimately, PHMSA will accept
10 the report, review it, and work it through our,
11 our leadership to the Secretary's Office, where
12 it will likely be vetted, and published on
13 PHMSA's website.

14 And I'll pause for any committee
15 thoughts or comments at this stage, or questions.

16 CHAIRMAN BURMAN: Anyone at the table?
17 On the phone? In the audience?

18 Okay. I just want to comment. For
19 me, the timeline is very important, because it
20 helps keep us task-oriented, and also from a
21 substantive point of view, looking specifically
22 at what we're supposed to be doing, and seeing if

1 it fits within our framework, and helps to
2 understand what, where we are.

3 And for me, the importance of sticking
4 to the timeline from a process perspective, but
5 also substantively. So if we start to veer off
6 track, we can also, as a working group, look and
7 see what's going on, and what resources do we
8 need to do to get back on track.

9 DR. MURRAY: Okay. So one of the
10 things I just want to bring this back to. The
11 subcommittees were approved by PHMSA leadership
12 back in December.

13 I, as I mentioned, we had a kick-off
14 subcommittee teleconference call back in February
15 where the members generally talked about the
16 responsibilities of the ADFO, the Chair and the
17 members.

18 We talked about these timelines,
19 drafting the task statement, and organizing
20 subcommittees, and starting to think about
21 external member needs.

22 And then we met yesterday here, face

1 to face, and talked about how the subcommittees
2 will operate. There was more deliberation and
3 conversation around the task statements, and what
4 needed to be included, and making clarifications,
5 and identifying those external member needs.

6 Yesterday, just to kind of give you a
7 snapshot of how the meetings took place
8 yesterday: yesterday, the, there were, since
9 there are seven subcommittees, four of them met
10 in the morning for four hours, and had an
11 opportunity to deliberate on the task statement.

12 And then the remaining three
13 subcommittees met in the afternoon, which leads
14 us to where we are now with our full day of
15 committee meetings, or committee discussion
16 today.

17 And so with that being said, I will
18 start to tee up the subcommittees, where we will
19 have them report out on what has taken place in
20 their meetings from yesterday, and we will have
21 each subcommittee chair share with us their task
22 statement. They're going to introduce it for

1 committee input, questions.

2 And I will say that one of the desired
3 outcomes of our meeting today, if it's the
4 committee's agreement and pleasure, would be to
5 walk away with each subcommittee having a
6 approved, or approved with changes, task
7 statement.

8 And I'll turn it back over to the
9 chair.

10 CHAIRMAN BURMAN: Thank you very much.
11 Does anyone have any questions or comments? At
12 the table? On the phone? In the audience?

13 Okay. All right. With that, we're
14 going to get started. We do have seven
15 subcommittee report-outs. We're going to go down
16 the list, and first start with the Mission and
17 Objectives.

18 We are going to, since we have seven,
19 I don't know what that means from a timing
20 perspective. But we are going to try to keep, we
21 are going to try to keep a tight schedule from a
22 timing perspective. So I may, may push you to

1 move it along if we see that we're eating up
2 someone else's time. All right? Thank you.

3 So with that, first Mission and
4 Objectives Chair.

5 MR. COTE: Thank you. Do we have the,
6 do we have the presentation started?

7 CHAIRMAN BURMAN: I'm sorry, I'm going
8 to interrupt you. So you have about 15 to 20
9 minutes with that in, for this segment.

10 MR. COTE: Thank you, Madam Chairman.
11 I'll keep it crisp.

12 CHAIRMAN BURMAN: Okay. We won't take
13 away your time for that.

14 MR. COTE: Thank you. Perfect, thank
15 you.

16 Yes. We are the subcommittee Mission
17 and Objectives task statement.

18 And, and again, our mission is to
19 develop a comprehensive mission statement and
20 develop the objectives that align with that
21 mission statement, with the, with the ultimate
22 purpose to promote Pipeline Safety knowledge-

1 sharing across all three industry segments.

2 And again, our deliverables, obviously
3 the Strategic Mission Statement, which was
4 approved in November, and reviewed, and we will
5 likely review it again briefly in this context.

6 It's to produce draft objectives that
7 clearly define the purpose and intended outcome
8 of the effort, and finally the task statement
9 that finds precisely how that's going to happen.

10 And, and, and again, because this is
11 more strategic than some of the more detailed
12 subcommittee work, we believe that we have
13 essentially completed this, at least at a high
14 level.

15 And so I invite Madam Chairman,
16 members of the Committee, members of PHMSA,
17 members of the audience to challenge our
18 thinking, because at the end of this, with the
19 intended outcome of committee approval, we see
20 most of the work of Mission and Objectives being
21 complete.

22 A key precursor to our work was a

1 Strategic Mission Statement that clearly defined
2 the scope and overall purpose of this Committee.
3 Pretty clearly, we have that. And again, as, as
4 the Chairman pointed out earlier, a key outcome
5 of this is all three industry segments are
6 included -- gas transmission, gas distribution,
7 and hazardous liquids -- are encompassed by this.

8 And so our purpose was to build on
9 that previously approved Mission and Objectives
10 overall Strategic Statement.

11 And again, so: objective -- and I'm
12 moving pretty quickly. So if anyone has
13 questions or concerns, please feel free to jump
14 in.

15 But the objective, the objective of
16 this report is to create recommendations that
17 lead to the development of a voluntary process
18 system that provides information that individual
19 operators, who are the target audience, may use
20 to proactively eliminate pipeline risk based on a
21 broader scope of information.

22 Now, we all need to recognize that

1 we're providing information. We will not
2 ultimately be able to act on the information
3 developed. Individual operators have to do that,
4 which makes them the target audience.

5 There's been a lot of discussion on
6 the Committee already, and will be much more in
7 terms of the ability to distribute information
8 broadly to the public, to specific stakeholders.

9 But the key to this is the industry
10 using this data to improve pipeline safety in
11 their individual systems. And, and in our view,
12 as, as the, as the Mission and Objectives Group,
13 that has to be the holy grail for the Committee.

14 This is about operators having
15 actionable information to improve pipeline safety
16 within their individual systems. And that is so
17 critical and so integral to this that I'm going
18 to pause for a minute.

19 Is there any question on that
20 objective?

21 Everyone should understand --

22 CHAIRMAN BURMAN: I just, I just want

1 to say, I think one of the questions that, or
2 comments that people will have is that -- and
3 maybe aren't saying -- is that folks don't want
4 to feel locked in.

5 This is helping for the, each working
6 subcommittee to understand what their objectives
7 are as we work through, and for the report, so
8 that this is an objective for the report, and
9 creating the recommendations, and the scope of
10 it.

11 And so it's helping to flesh out,
12 while we're working through our work product, and
13 I just want us to understand that this is helping
14 to elicit all of our understanding of what we're
15 doing ultimately.

16 Alan?

17 MR. MAYBERRY: And it seems to make
18 sense. And I'm just curious, is this why you
19 picked this committee, it was easy? Or did you,
20 you know --

21 MR. COTE: I'm, I'm sorry? Say again?

22 MR. MAYBERRY: Was this why picked the

1 committee? It was easy? No, actually I, not to
2 wordsmith.

3 What, I know you focused on operators,
4 but I anticipate that the information could also
5 be used by others, you know, vendors, tool
6 vendors, or --

7 MR. COTE: Agree.

8 MR. MAYBERRY: -- coating
9 manufacturers, you know --

10 MR. COTE: And, and there was a good
11 deal of --

12 MR. MAYBERRY: Yeah.

13 MR. COTE: -- discussion on that. But,
14 but again, that, that we saw as, as a means to an
15 end. The end is operators using information to
16 improve their systems from a variety -- and of
17 course it includes tool operators, it includes
18 contractors, to your point earlier. It includes
19 everyone involved in that value chain of
20 producing and operating safe systems.

21 But at the same time, ultimately the
22 operators have to be responsible for that.

1 MR. MAYBERRY: Well, and they're the
2 regulated community. So realize, yeah, okay.

3 MR. COTE: Thank you. Other questions
4 or thoughts?

5 MR. AMUNDSEN: Yeah, Eric Amundsen with
6 Energy Transfer. You know, within my
7 presentation this morning, we've got a context
8 that we're going to suggest, or contexts that
9 we're going to suggest. And Bryce and Mark and
10 I, in our subcommittees had a lot of discussion
11 yesterday about those contexts.

12 And it's really, it's the why. You
13 know, why, why does this? What's the inherent
14 value, what are the outcomes, and my thought here
15 it is, it may belong those, that contextual model
16 may belong in your subcommittee as part of the
17 Mission and Objectives.

18 Because it really is overarching.
19 It's, it's why we would do this. And so I'll
20 just maybe table that for now, but maybe suggest
21 as I go through those, and we can have a
22 discussion then.

1 You know, does it, does that
2 contextual model kind of belong in the Mission
3 and Objectives subcommittee?

4 MR. COTE: And, and to the extent that
5 that continues to frame that, we would certainly
6 entertain those friendly amendments. Thank you.

7 CHAIRMAN BURMAN: Dan, I just want to,
8 I think there are going to be some integration
9 points among all of the different subcommittees.

10 So I'm also thinking that rather than
11 vote in silos for each task statement, it is
12 important that we hear from all of the
13 subcommittees, and then sort of collectively look
14 at the, the different task statements -- because
15 I think then there will be some cross-purposes,
16 and I think it makes sense in the larger context.
17 So.

18 MR. COTE: Madam Chairman, may I, may
19 I --

20 CHAIRMAN BURMAN: Sure.

21 MR. COTE: -- offer a counter-proposal
22 to --

1 CHAIRMAN BURMAN: Sure.

2 MR. COTE: -- that? How about this?

3 Let's, let's vote, just, just to use the time
4 well, and, and organize it.

5 Let's vote on the individual task
6 purposes with the recognition that there will be
7 follow-up integration that we can vote on around
8 the specifics, because I, I see that to be the
9 80-20 rule, with all due respect.

10 CHAIRMAN BURMAN: I think that's great.

11 Thank you.

12 MR. COTE: Thank you. You bet.

13 Finally in this, clearly the intended
14 scope of this is governed by PHMSA's
15 jurisdictional framework. And I'll state the
16 obvious, but we, we recognize that all of this is
17 encompassed within the PHMSA framework. It is
18 not intended to expand beyond that.

19 And I pause for comments or questions.

20 And there being none, okay.

21 Okay. Okay, now to the task
22 statement. And the, the color coding had a bit

1 of science to it.

2 What you see in blue is ads from the
3 framework of the legislation. And so I'm not
4 going to spend a lot of time reading the things
5 that were specifically baked into the
6 legislation.

7 As the Committee knows, there was a
8 lot of discussion. This tended, the product that
9 Congress produced tended to be very transmission-
10 centric, as well as, very specifically, ILI-
11 centric in terms of outcomes.

12 The first three, you know, the first
13 three items, and, and the technical aspects of
14 this tended to focus on, exclusively on
15 transmission and ILI data.

16 And I would be remiss as a member of
17 the industry if I didn't say that that reflects a
18 very small segment of the overall public risk
19 that occurs in, in the three segments of our
20 industry: transmission, distribution, and
21 liquids.

22 And, and just to, just to face the

1 difficult music, over 80 percent of the incidents
2 in the United States today, the federally
3 reportable incidents, occur in distribution
4 systems -- and that's why this committee viewed
5 it as so critical to encompass distribution as
6 well as transmission and liquids.

7 And so, not going to read you all of
8 the things in black. They've been around for a
9 couple of years now, as a result of the
10 legislation.

11 I do want to focus on the two blue
12 bullets, which we see to be, really, the heart of
13 what really has to get done in here to encompass
14 all three industry segments.

15 The purpose of this is to develop
16 processes that encourage the exchange of pipeline
17 safety risk identification, risk analysis, and
18 risk remediation, technique information across
19 distribution, transmission, and, and liquids
20 pipelines.

21 I mean, this is really about
22 identifying, remediating, and preventing risk in

1 the industry. Initially, identifying and
2 remediating; ultimately, using this data
3 proactively to prevent future risk.

4 That's the heart of this intended
5 outcome, as the subcommittee envisions it.
6 Absolutely critical to what we do.

7 And I'm, again, I'm going to pause
8 there, in terms of an overall scope of
9 objectives.

10 Thoughts or comments?

11 MR. MAYBERRY: Question. You know, in
12 line with, I guess the, what's already been
13 around for a while, too, it looks like we switch
14 the, you switched to more action there, which is,
15 is cool. I mean, we, it's what we want.

16 But do you create the option for, or
17 process for developing? Because we're not
18 actually, I see those as like, when we do move
19 forward with it, that's what we're going --

20 MR. COTE: Mmhmm.

21 MR. MAYBERRY: -- to do. At this
22 point, we're --

1 MR. COTE: Right, but in order --

2 MR. MAYBERRY: We need to make --

3 MR. COTE: -- to do that --

4 MR. MAYBERRY: Yeah.

5 MR. COTE: -- you're right. You need
6 to build that information, that, that information
7 repository, and you need to be able to socialize
8 it.

9 Those are, again, but those are, those
10 are means to an end. This describes the end.

11 MR. MAYBERRY: Mmhmm.

12 MR. COTE: Having said that, Alan, I
13 mean do you recommend adding language there that
14 describes the information, as an enabler, we can
15 certainly add a sentence that says, in order to
16 enable these objectives, this would entail
17 developing a shared information system -- which
18 is, again, the purpose of our committee.

19 But sort of thought that was a given
20 with the, you know, with the prefaces that we had
21 in the objective. But.

22 MR. MAYBERRY: Well, I mean I'm, I'm

1 open, but I was just, like for the, the first
2 bullet there, the blue bullet, maybe develop
3 recommendations for processes. Something like
4 that. You know.

5 MR. COTE: Understand --

6 MR. MAYBERRY: As opposed to --

7 MR. COTE: Okay, we --

8 MR. MAYBERRY: So yeah.

9 MR. COTE: -- we can certainly, then
10 Nancy, if you would catch that as, as a
11 recommendation --

12 (Simultaneous speaking.)

13 MR. MAYBERRY: But, but tell me --

14 MR. COTE: -- we can certainly insert
15 that language.

16 MR. MAYBERRY: -- I'm wrong. I, I
17 mean, I've been in government for 12 years now,
18 so maybe it's --

19 CHAIRMAN BURMAN: Actually --

20 MR. MAYBERRY: -- a little bit too --

21 CHAIRMAN BURMAN: -- I, I would --

22 MR. MAYBERRY: Yeah.

1 CHAIRMAN BURMAN: -- suggest --

2 MR. MAYBERRY: Yeah.

3 CHAIRMAN BURMAN: -- since it says
4 recommendations for, to say develop
5 recommendations. All of it is --

6 MR. COTE: Sure.

7 CHAIRMAN BURMAN: -- recommendations,
8 so.

9 MR. MAYBERRY: Their recommendations,
10 right.

11 MR. COTE: Thank you. Any other
12 thoughts or comments from -- yes, ma'am?

13 MS. THEBERT: I guess this is more to
14 Christie, I think. This is Michelle Thebert.

15 It seems like we all did our thing
16 yesterday, and some of this may, I don't know if,
17 I haven't read it in detail yet. It may conflict
18 with what we did yesterday.

19 So I'm trying to figure out, like,
20 step one, like, which one has to be modified?
21 Like, the Mission Statement has to be modified,
22 or some of our individual things should be

1 modified to make sure everything lines up. You
2 see what I'm asking?

3 DR. MURRAY: When you say, if you could
4 clarify what you mean by, we did it differently?

5 MS. THEBERT: I mean, I haven't read
6 anything specifically, but maybe some of our task
7 statements in one of the committees didn't have
8 exactly all this information covered. So there's
9 going to be gaps, or that he, or that this
10 committee had, you know, didn't have things we
11 have.

12 So there's going to be, I'm trying to
13 think, like, I guess the gap. How do you --

14 DR. MURRAY: Well what --

15 MS. THEBERT: -- address the gaps?

16 DR. MURRAY: Let me clarify that. What
17 you see depicted here, particularly those first
18 six, five, five bullets, those are straight from
19 the mandate.

20 One of the things we did as we set up
21 the subcommittees was to make sure that between
22 the seven subcommittees, all of those mandate

1 recommendations would be addressed.

2 So the, really the two that you might
3 have the most question around would be the last
4 two.

5 Are there any elements of the last two
6 bullets that you think aren't -- or we can maybe
7 come back to this at the end of our report-outs,
8 to your point, to make sure that these things are
9 addressed, and that's where that integration that
10 Diane talked about, making sure that A, there's
11 agreement here that these are the, this is within
12 the scope and framework.

13 But then listening across the other
14 subcommittees to make sure that there aren't
15 things that are here that are missed from the
16 other six subcommittees.

17 MR. COTE: And Michelle, I would just
18 add this. The, because, because the mission and
19 objectives tend to be an overriding need for all
20 of the subcommittees, we knew that to the extent
21 that we added bullets or modified this, that we
22 would impact those other committees.

1 That's why, one of the reasons we felt
2 like we needed to get as close to a final product
3 as possible for the Mission and Objectives right
4 out of the box -- so, so that we weren't
5 springing anything on the subcommittees three or
6 four months in that changed their, their
7 objective outcomes.

8 I think your, your concern is fair,
9 because this might modify the trajectory of some
10 of the subcommittees. Hopefully, there's enough
11 time to do that.

12 MS. THEBERT: Right, and I didn't, I'm
13 not saying it does or doesn't. I haven't looked
14 at it in detail, and I --

15 MR. COTE: Understand.

16 MS. THEBERT: -- was only in two
17 committees, so there could be --

18 I just don't want the, I guess we can
19 just make sure to address the gaps in the final.
20 So either this would be modified, or some of the
21 individual committees would be modified to, to
22 match up. Okay. Thank you.

1 CHAIRMAN BURMAN: And as we move
2 forward, you know, part of the, the, the, this is
3 to help us flesh out from the overall work
4 product, and the report -- and also to make sure
5 that we're speaking with one voice, and
6 understanding that we will come upon, as we go
7 forward, some gaps, and also some overlap.

8 And making sure that we are
9 consistently looking for those gaps and that
10 overlap, and will be modifying as necessary,
11 bringing it to the committee, the full group for
12 that appropriate modification as necessary.

13 MR. COTE: Understand fully --

14 CHAIRMAN BURMAN: Okay.

15 MR. COTE: -- Madam Chairman.

16 CHAIRMAN BURMAN: Dan.

17 MR. COTE: And, and again, we expected
18 to start --

19 CHAIRMAN BURMAN: Yup.

20 MR. COTE: -- very broadly, and just
21 drill down, and --

22 CHAIRMAN BURMAN: Yup.

1 MR. COTE: -- because it's early in the
2 process, that's, that's sort of where we are.

3 CHAIRMAN BURMAN: Right.

4 MR. COTE: Thank you.

5 CHAIRMAN BURMAN: Right. Okay, Dan?
6 Continue.

7 MR. COTE: Then the last bullet.
8 Facilitate the identification of advanced
9 analytical techniques, tools, and practices that
10 are capable of performing enhanced risk analysis
11 for gas distribution, transmission, and hazardous
12 liquids.

13 And again, Alan, this sort of goes to
14 your, some of your earlier points, in terms of
15 tools and techniques that are provided, is this
16 builds. Not, not immediately, of course, because
17 it starts with a broad data set to use for, as a
18 basis of analysis.

19 But as this process matures, we are
20 hoping and expecting that operators and vendors
21 will have a vested interest in developing more
22 advanced tools to perform more of this work.

1 Thoughts, questions, comments?

2 CHAIRMAN BURMAN: Mark?

3 MR. HERETH: Mark Hereth from P-PIC.

4 Dan, with your two, the two italicized items that
5 you've added at the end, that you've been talking
6 about -- those seem to be, well, first of all,
7 they seem to be in, in many ways, the scope of,
8 of what a group within PHMSA has worked on the
9 last several years, which is the Risk Modeling
10 Workgroup.

11 So I see a good bit of overlap there,
12 and, and so I, I would ask for some clarification
13 on making sure that we're not being redundant.

14 And then I guess it, it begs the
15 question, then, are we, would we be better off
16 having our --

17 Or I guess maybe I'll ask it this way.
18 Is, are those sub-bullets of your second bullet,
19 which talks about enhanced risk analysis, and
20 they're more at the level of detail that would be
21 covered in one of the subcommittees?

22 But, but I would like, and it may be

1 that we can't do it today, but I think we really
2 need to look at those last two bullets. And
3 those really do have a lot of overlap with what
4 was done by the Work Modeling Workgroup -- which
5 is still a group in process. There's close to a
6 final report, but.

7 And I appreciate what you're saying
8 here, it's just that that effort has gone on for
9 a couple years. So I, I offer that as a comment.

10 MR. COTE: Understand. And without
11 knowing exactly what the products are, having not
12 seen them and not framed them, if the group
13 agrees that those are, are fully captured
14 elsewhere, and will have the gravitas to move
15 those needs forward -- then, then, then, then I,
16 I think from a committee perspective, we're as
17 not, we're agnostic.

18 This, in our view, though, this needs
19 to happen for the industry to advance these
20 things. And so I'm less concerned about where
21 they lay than at, than, than that they really
22 occur.

1 MR. HERETH: Madam Chairman, as I,
2 maybe as a practical matter, what we could do is
3 take, is to make the commitment that we'll take
4 the work that's been done by that group,
5 identifying places where we can, and enhance the
6 information sharing, and make that within the
7 scope of this -- so that it's not taking on the
8 whole broad perspective of those bullets, but
9 it's really focused on the information-sharing
10 part of that, the learnings that we have from
11 that Risk Modeling Workgroup.

12 I'd offer that for consideration.

13 MR. COTE: How, how about, let me, let
14 me, let's, at least to communicate sort of,
15 strategic direction of, to the rest of the
16 committee, for the, for the other subcommittees -
17 - let's leave these for the moment.

18 Let's do that, let's do that alignment
19 work going forward. So let's leave them there
20 for now, let's do the alignment, and to the, to
21 the extent there's direct alignment and a
22 trajectory for those to become available tools,

1 then, then, then, then I think that'll work fine.

2 I think for right now, the intent of
3 this was to communicate sort of broad, strategic
4 needs of this process, and, and over the longer
5 term. And so, so if, if we leave them there for
6 now, it sort of becomes a marker post, and we can
7 pull them out once we've had a chance to compare.
8 Is that fair?

9 CHAIRMAN BURMAN: Okay. Then we're
10 going to go to Alan, and then we're going to go
11 to Christopher, then we're going to go to the
12 phone, then the audience. Alan?

13 MR. MAYBERRY: I think that last
14 exchange just covered what I was going to comment
15 on. But I, I just wanted to add.

16 I know, yeah, I think it's great you
17 picked up on that. We need alignment between
18 those two efforts.

19 I was thinking that was largely based
20 on developing guidance that we would put on our
21 website, you know, and help operators select and
22 use risk models.

1 This would provide, we need to provide
2 the connection to that. So I agree that, yeah.

3 CHAIRMAN BURMAN: Christopher?

4 MR. WARNER: Dan, this is mainly a
5 clarifying question. I think I'm getting hung up
6 on the terms risk identification and risk
7 analysis.

8 I thought our intent was to broaden
9 the scope of our tasks so that information
10 collected in the distribution system, or through
11 other inspection techniques became a part of the
12 VIS.

13 And I don't know if that's what you're
14 trying to get at with the terms risk
15 identification, risk analysis, and risk
16 remediation, or if this is something kind of new
17 that I hadn't seen before.

18 MR. COTE: No, it speaks to all of
19 that. The term, I mean, risk identification
20 casts a very, very wide net across the industry.
21 It could be everything from root cause analysis
22 required currently in federal code to certain

1 incidents, to the details to, to your point of
2 leak surveys, near-misses, ILI data.

3 I mean, you know, risk analysis
4 becomes virtually everything you're doing in the
5 system that identifies risk. I mean, risk
6 analysis just to, can be, at its most basic,
7 counting the number of voter complaints you get
8 in the system.

9 So that was intended to cast a very,
10 very wide net in terms of risk. And, and, and so
11 once you've analyzed it, once you begin to gather
12 data on, on particularly statistically
13 significant data on risk, then the next is, is
14 okay, what, what do I do with it?

15 And that, that entails remediation --
16 I mean, with an ultimate aim of prevention. So
17 that was intended to sort of be the, the holy
18 trinity of solving problems.

19 MR. WARNER: Yeah, so, so my only
20 comment is, for consideration, is to whether or
21 not that's too broad for this committee --
22 whether it should be focused more on gathering

1 that information so that ultimately those things
2 can happen from it. That's my only question to
3 the committee.

4 MR. COTE: Then, and, and we would
5 certainly accept the, encourage the gathering of
6 pipeline safety risk identification, risk
7 analysis information techniques -- we, we can
8 certainly tweak that. Thank you.

9 CHAIRMAN BURMAN: Anyone on the phone?
10 In the audience? Okay.

11 Just my own perspective, also, is just
12 a reminder that, that for, for me, is that this
13 subcommittee is the Strategic Missions and
14 Objectives.

15 So to the extent that it should really
16 state some broad overview, and reflect a lot of
17 what is in the other subcommittees, so that at
18 the end of the day, it is laying out, sort of,
19 the framework of what will be in the report.

20 It doesn't mean that a lot of the work
21 that will then flow into some of the
22 subcommittees should be done in this committee,

1 but it should reflect and align with that the
2 other subcommittees are doing, and make sure that
3 it matches up in a broad way, but not that it
4 sets up too overly broad so that we have a report
5 that we're not able to tackle all assignments.

6 But to the extent that we are looking
7 comprehensively at things, I think, is important.

8 MR. COTE: And, and I think that's
9 fair. And we needed to start somewhere, Madam
10 Chairman, because we didn't have the work of the
11 other subcommittees, obviously, and, and to sort
12 of frame that broad view.

13 And, and no question that we might not
14 have to, have to trim a bit.

15 But the other thing that the committee
16 was challenged with is responding to that
17 expanded mandate, where we, we needed to fulfill
18 our strategic mission statement that, that
19 expanded the scope from the original legislation.
20 And so, so it was sort of that, walking that fine
21 line.

22 So thank you for your comments.

1 CHAIRMAN BURMAN: Anybody else have any
2 other questions? On the phone? In the audience?
3 Okay.

4 Dan, you want to continue?

5 MR. COTE: Yes, ma'am. Again, on the
6 basis of this, we didn't see the need for
7 additional members of the subcommittee without,
8 sort of, with, without a material change in
9 strategic direction, we had outlined what we,
10 what, what we saw to be the need.

11 And again, based on the, the will of
12 the overall committee, and depending on that, the
13 outcome and approval of our task statement, not
14 sure we need to add anyone.

15 And having said that -- again, final
16 questions, comments, feedback before, before we
17 request moving the issue?

18 CHAIRMAN BURMAN: Anyone at the table?
19 On the phone? In the audience? Okay. Go on.

20 MR. COTE: Then, then barring, barring
21 any additional questions or comments, the
22 committee would request a motion to move the task

1 statement forward, with the caveat that we
2 recognize that, based on alignment with other
3 committees, and a, and a more full strategic
4 understanding of the work of those committees
5 that will require modifications, that at least
6 for now we move this forward.

7 Do I hear a motion?

8 MR. BUCHANAN: I would like a motion
9 to, to do as you have suggested.

10 CHAIRMAN BURMAN: Do I hear a second?

11 MR. JONES: I second.

12 CHAIRMAN BURMAN: Any discussion?
13 Christie?

14 DR. MURRAY: Just a quick thought for
15 consideration. If any of the subcommittees would
16 need to change their task statement as a result
17 of integration, that can certainly take place.
18 The task statement are, in essence, an iterative
19 process, as you learn throughout this process.

20 The only thing that I would want you
21 to keep in the back of your mind, that you would
22 have to bring the revised task statement back

1 before the parent committee for another vote
2 before adding additional tasks, or changing the
3 scope of what you've been tasked to do. So I
4 just wanted to make sure that was clear.

5 But there is a process for Dan and
6 others to be able to vet any integration moving
7 forward.

8 MR. COTE: So simply stated, as
9 recommendations flow from other committees that
10 require the adjustment of this task statement,
11 once we've made it, we bring it back before the
12 committee.

13 DR. MURRAY: Absolutely.

14 MR. COTE: Understand that fully.

15 Thank you.

16 CHAIRMAN BURMAN: Okay. Hearing no
17 discussion, all those in favor, say aye.

18 (Chorus of ayes.)

19 Any opposed?

20 Okay. The motion carries.

21 MR. COTE: Thank you.

22 CHAIRMAN BURMAN: Thank you. All

1 right, now we go to, I think that was unanimous.
2 So.

3 DR. MURRAY: Who's next --

4 CHAIRMAN BURMAN: I'm sorry, I didn't
5 ask if there was anyone opposed. Anyone opposed?
6 Any abstentions?

7 The motion carries.

8 I was just too excited to pass, so.

9 MR. COTE: Me, too.

10 MR. DENG: Excuse me, I cannot hear
11 you very well.

12 CHAIRMAN BURMAN: Oh, I'm sorry. We
13 just made a motion on the first task statement
14 for the first mission, for the first
15 subcommittee. And now we're moving on to the
16 second one.

17 Did you want to weigh in on voting for
18 that?

19 MR. DENG: I, I voted.

20 CHAIRMAN BURMAN: Okay.

21 MR. DENG: I, the sound just faded
22 away. So I, I don't know --

1 CHAIRMAN BURMAN: Oh, okay.

2 MR. DENG: -- is that --

3 CHAIRMAN BURMAN: Okay, did you vote in
4 favor?

5 MR. DENG: Yes.

6 CHAIRMAN BURMAN: Okay. Great. The --

7 MS. BLYSTONE: Yeah, and this is Kate.

8 I can confirm that I --

9 CHAIRMAN BURMAN: Yeah.

10 MS. BLYSTONE: -- if you don't speak
11 directly into the mic, it's really difficult to
12 hear --

13 CHAIRMAN BURMAN: Okay.

14 MS. BLYSTONE: -- everybody, so it,
15 it's pretty important. Thanks.

16 CHAIRMAN BURMAN: Thanks. We will
17 speak directly into the mic. And feel
18 comfortable speaking up if you can't hear, okay?

19 MS. BLYSTONE: You got it.

20 CHAIRMAN BURMAN: Great. All right,
21 now we are on to the second subcommittee, which
22 is the Process Sharing subcommittee. The chair

1 for the subcommittee has the floor. Thank you so
2 much. Mark?

3 MR. HERETH: Good morning. These are
4 the members of our committee: our distinguished
5 alternate Designated Federal Officer, Sherry
6 Borener. I'd like to thank Sherry for all the
7 preparation work that she did to get our group
8 ready. It really helped our, the, the pace of
9 our work yesterday, and, and I believe,
10 ultimately, the product that we created.

11 This is the task statement that we'd
12 like to present to the committee. I'll read
13 through it generally.

14 In the spirit of improving pipeline
15 safety and technology development -- and we took
16 that from the Strategic Mission Statement -- this
17 subcommittee will produce a recommendation to the
18 VIS Working Group for identification and
19 improvement -- and I think those two words are
20 key, so it's identification and improvement, and
21 the idea is we're working to build upon things
22 that are already being done -- of the types of

1 information and data shared among key
2 stakeholders.

3 Now, we could have just stopped right
4 there. It's that, that sentence really captures
5 a task description of what our work is really
6 about. But we've gone on to add a little bit
7 more specificity, so that everybody can look,
8 and, and get a feel for, for what our, the
9 intentions are of the thinking.

10 So examples of stakeholders may
11 include Congress, the states, federal regulators,
12 industry associations, service providers, the
13 three sectors that Dan talked about before --
14 hazardous liquids and gas transmission operators,
15 as well as gas distribution operators, public
16 representatives, and the general public.

17 And Kate, I'll stop right there. Can
18 you hear me?

19 MS. BLYSTONE: I can hear you great,
20 Mark.

21 MR. HERETH: Good.

22 MS. BLYSTONE: Thanks.

1 MR. HERETH: Good.

2 MR. DENG: I can hear you very well.

3 Thanks.

4 MR. HERETH: And, and I knew if I
5 didn't get the general public, that I would, I
6 would get your attention, right?

7 So this will be accomplished through

8 --

9 And, and this was what we thought the,
10 the task description was really about, was also
11 to describe what we were going to do. So this
12 will be accomplished through subcommittee
13 deliberation, coordination with other
14 subcommittees, which we'll talk about,
15 consultations with outside experts, and synthesis
16 of this information collected by the subcommittee
17 during the deliberation period.

18 And then our final sentence highlights
19 some of things that were really important to
20 members of our subcommittee that we address,
21 although they're not to be limiting.

22 Which, this includes root cause

1 analyses, lessons learned, good catches, close
2 calls, safety management systems lessons learned
3 -- so when you're applying the Element 9 of RP
4 1173, where there's lessons learned, that, that
5 there's a way to exchange those -- mitigative
6 measures, as well as the pipeline assessment
7 processes and the data that are derived from
8 them.

9 I'll, I'll, let me make just one other
10 comment, and then we'll open this for discussion.
11 In talking with Eric yesterday morning, there is
12 a tremendous amount of overlap between what our
13 committee, our subcommittees might cover.

14 And so one of the things that we did
15 within our subcommittee as a starting point, at a
16 starting point, is to say we're going to focus on
17 what information is shared.

18 So what information, what sources, and
19 it's a lot of what questions.

20 And Eric's committee will tend to
21 focus on how. And what we'll do, is we'll meld
22 over time, because there's a lot of overlap

1 between those, and there'll be times when we'll
2 reach out to Eric's committee -- I, and I should
3 say that's Best Practices -- and we'll say, can
4 you give us some help by helping us understand
5 what other industries do with respect to best
6 practices in these areas?

7 Just like we'll turn to Bryce in the
8 Technology area, and say are there, what are some
9 of the technologies that we should be looking at
10 here to enhance the answering of the what
11 questions that we're undertaking?

12 And we thought at a very high level,
13 that was a really simple way to define and keep
14 in mind what we're trying to do.

15 So I'll stop there and ask if there's
16 questions, comments, revisions?

17 CHAIRMAN BURMAN: Any questions at the
18 table? On the phone? In the audience? Okay,
19 hearing none.

20 Oh, well, Chris, Dr. Murray?

21 MR. MAYBERRY: I don't want to, don't
22 appear to be an agitator, but I think I want to

1 bring it up now just to get it out there. The
2 integration between Mark, what you just shared,
3 and Dan, what you just shared.

4 Dan, in your objective you mentioned
5 the target audience being individual pipeline
6 operators. And then now making the distinction
7 here that there are examples of stakeholders,
8 which include a much broader group.

9 Can you just share with the general
10 Committee and the public members who are here how
11 those complement each other?

12 MR. COTE: I believe what we saw, and
13 as I read this I was, I, I considered proposing -
14 -

15 CHAIRMAN BURMAN: Can you speak right

16 --

17 MR. COTE: -- language that --

18 CHAIRMAN BURMAN: Can you speak right
19 into the mic for the folks on the phone?

20 MR. COTE: Thank you. Does everyone
21 hear me well and clearly?

22 MR. DENG: Yes.

1 MR. COTE: Thank you.

2 MS. BLYSTONE: Yep.

3 MR. COTE: What we envisioned -- and
4 this was a nuance that we didn't capture because
5 it was a detail -- but I, I guess we, there's
6 been a lot of discussion about envisioning a very
7 layered approach to segments.

8 Clearly, what is distributed to the
9 general public will likely be less detailed than
10 that shared directly with operators, for example.
11 And there will be a number of levels or nuances
12 in this, and I, and, and I think spelling out all
13 of those stakeholders, I, I believe is very
14 appropriate.

15 The question that I would ask the
16 Committee is, do we need to insert a sentence or
17 a phrase in here that indicates that, the clear
18 expectation that based on the specific
19 stakeholders, different levels of information-
20 sharing will be appropriate?

21 And would, would sort of suggest the
22 subcommittee consider that, and just, we don't

1 need to build it now, but might want to frame
2 that, that concept into this.

3 MR. HERETH: That, that was certainly
4 a part of our discussions yesterday.

5 I, I guess the other distinction that
6 I would make is that, is that Dan, the point, I
7 believe, you were making in, in your task
8 description was that the, when you're talking
9 about the operators as being the audience --
10 that's the primary audience, because that's the
11 actionable, that's the accountable -- although,
12 we keep, need to keep reminding ourselves this is
13 voluntary.

14 So it's the voluntary actionable
15 group. But I think what this tries to reflect is
16 complementary to that, which there are a number
17 of other stakeholders who play a role, and who
18 also have an interest in this voluntary
19 information-sharing.

20 MR. COTE: Couldn't agree with that
21 framing more. At the end of the day, our, our
22 statement was intended to reflect the

1 realization: unless operators change things, then
2 ultimately, pipeline safety will not be enhanced
3 through this process. That is simply the
4 reality, because they control the assets.

5 That's just a fundamental reality,
6 which made them -- to your point -- the primary
7 audience. Having said that, there are many key
8 stakeholders who participate in that process in
9 some way, even though ultimate responsibility
10 does fall to the operators to actually take
11 actions based on the data.

12 And, and, and so we need to reflect
13 both of those concepts in, in the Strategic
14 Missions and this. I, no disagreement.

15 CHAIRMAN BURMAN: I think that's a
16 great discussion, and I do concur that it needs
17 to be reflected in the report -- especially, you
18 know, how it, it explains why. Alan? Leif and
19 then --

20 MR. JENSEN: I, I'm over here.

21 CHAIRMAN BURMAN: Oh, I'm sorry.

22 MR. JENSEN: I'm, the conversation

1 we're having right now, as it relates to
2 stakeholders, I'd like to remind the VIS group
3 that it's already defined in the statute.

4 And at the end of the day, we can
5 always refer to the statute. The only element
6 up, in this particular task description that's
7 not in the statute is Congress.

8 But Part 8 in this particular section
9 does recognize that the Secretary can introduce
10 other parties as appropriate. And I do believe
11 that the Secretary will be interested in what
12 Congress, or representatives from Congress have
13 to say.

14 So in the future as, because I know
15 all of the subcommittees will talk about
16 stakeholders, if we could, as a VIS group, just
17 recognize that's already in the statute, and move
18 forward.

19 MR. COTE: Then on that basis, if, if
20 no one objects, and, and Nance, if you would
21 help, and members of the, the Mission and
22 Objectives Committee, we need to add language

1 that encompasses that stakeholder recognition.

2 Thank you.

3 CHAIRMAN BURMAN: Thank you. Any other
4 questions? Leif, do you still? Alan, do you --

5 MR. MAYBERRY: No, I was just to add
6 that I, I think it's important to include the
7 stakeholders. I'm glad it, you know, if we're
8 ever going to address trust, and stakeholder
9 trust, we need to have an element of
10 transparency. And this would definitely set us
11 up for that.

12 And it's not just about us, you know,
13 between, you know, the operators developing a
14 system. Certainly, we need to develop a system.
15 But it needs to also be transparent, and have a
16 mechanism for sharing it with, with a variety of
17 stakeholders.

18 MR. COTE: Yes, ma'am? Oh!

19 MR. HERETH: So I'll keep moving along
20 here.

21 We have a, we have, had some
22 deliberation yesterday on deliverables, but we

1 have more work to do there.

2 One of the things we've talked about
3 -- and I'll give you some examples in a moment.
4 But one of the other key things that we talked
5 about yesterday is there is going to be a need
6 for us to meet jointly with other subcommittees.
7 And we can clearly see right now that there's a
8 need to meet with Best Practices and Technology.

9 And we want to just make sure that,
10 that we're able to do that, functioning not as
11 the full Committee, but functioning -- because
12 we'll have a large number -- but functioning
13 solely in our roles as the subcommittees.

14 We've talked about doing probably a
15 two hour meeting before our next meeting, and
16 then maybe asking for the first two hours of our
17 next face to face meeting for our three
18 subcommittees to meet.

19 And again, that will help us be
20 coordinated, but it'll also help us make sure
21 that we're not doing redundant work. So we think
22 there's a lot of value in that.

1 And so we'll do a web-based meeting,
2 and, and then we'll probably try to ask for a
3 face to face. And if not, if we can't do it when
4 we're together in April, then we'll do another
5 web-based meeting.

6 And for those of us in Houston, we'll
7 identify a location, and we'll go there, and
8 we'll get others to call in.

9 Then, specifically with respect to our
10 subcommittee, we will try to have a couple of
11 web-based meetings before the next meeting.

12 We, you know, we were, one of the
13 things that I think we came away from yesterday
14 was that the scope of our work is, is large.
15 It's very significant, and we're going to need to
16 be doing some work between the meetings.

17 So we'll, we'll work with, with Sherry
18 Borener, our alternate Designated Federal
19 Officer, and, and make sure we get those set up.
20 So we'll be reaching out to people for dates and
21 times, and develop agenda topics, and work from
22 there.

1 With respect to deliverables --

2 CHAIRMAN BURMAN: Sorry, I'm going to
3 stop you for a minute.

4 MR. HERETH: Oh, sure.

5 CHAIRMAN BURMAN: Dr. Murray?

6 DR. MURRAY: I just want to offer some
7 guidance --

8 MR. HERETH: Yes.

9 DR. MURRAY: -- on the joint meetings,
10 and this is for all the subcommittees, that you
11 may find you have a need to meet with other
12 subcommittees. That's perfectly acceptable, with
13 a few caveats.

14 One, that as your group grows larger,
15 that you consider a couple of things. One,
16 making sure you still allot for time for your
17 individual subcommittees to do your work.

18 MR. HERETH: Yes. Yes.

19 DR. MURRAY: Two, making sure that just
20 because your group is larger, that you continue
21 to make the distinction between subcommittee
22 activities that do not include full parent

1 Committee deliberations, approvals, that sort of
2 thing --

3 MR. HERETH: Thank you.

4 DR. MURRAY: -- to where we're not,
5 we're getting outside of that transparent aspect
6 of --

7 MR. HERETH: Yeah.

8 DR. MURRAY: -- what would be in the
9 Advisory Committee's role.

10 And then thirdly, continue to work the
11 chairs, continue to work with our ADFOs to get my
12 and Diane's approval on your agendas, as you're
13 planning those meetings out.

14 MR. HERETH: Okay.

15 DR. MURRAY: Okay.

16 MR. HERETH: Okay. Thank you. Yeah,
17 we would expect that, that our Alternate
18 Designated Federal Officers would be an integral
19 part of helping us to plan, and I like the idea
20 of bringing those forth to you guys in advance.
21 So we'll do that.

22 And I'm looking at my two compatriots

1 as I say that. Okay.

2 Other comments or questions on that?

3 CHAIRMAN BURMAN: Any comments at the
4 table? On the phone? In the audience? Okay,
5 hearing none. Mark?

6 MR. HERETH: So these are some example
7 deliverables. They're not fully fleshed out at
8 this point, but Sherry really helped us by
9 putting these out here for us to look at.

10 So one of the things that we'll be
11 thinking about is, is a design structure, which
12 is really the first one -- which is, and it could
13 be alternatives, frankly.

14 What, you know, what are, what are the
15 ways that we would recommend, or that we would
16 suggest from our subcommittee to the full
17 committee that we would think about the, the
18 design of the, of the process of sharing?

19 I'll move to the next one, which is,
20 you know, how will that, that roadmap work out?
21 What would a roadmap look like? What parties
22 would be involved?

1 And potentially, we could get into the
2 middle one, which is recommendations with respect
3 to governance -- although this is a place where
4 we see a lot overlap with Regulatory and Legal
5 Committee, and it may not really be, fall within
6 our scope.

7 But the, the great thing here is that
8 we'll take this format, and, that Sherry
9 developed, and really try to build on it, and use
10 it as a basis for defining what our deliverables
11 are.

12 And I think at, yesterday at one point
13 in our subcommittee, we talked about the
14 importance of thinking about this in beginning,
15 because this is designed with the, the end in
16 mind, thinking always where, where it is we're
17 trying to get to.

18 I have just a couple more slides. One
19 of the things we also did is to think about the
20 interfaces that we have with the other
21 subcommittees. And I talked about that before,
22 with respect to Best Practices and Technology.

1 We absolutely see the need to
2 interface with Regulatory Legal, or Funding and
3 Legal, and we see that probably at a later point,
4 but we think that's going to be very critical.

5 And, and obviously, interfacing with
6 a reporting group as well. And, and as, as we've
7 learned in our discussion this morning, when we
8 identified stakeholder identification, and the
9 need to coordinate with Mission and Objectives,
10 we were foreseeing the future, I think, in our
11 discussions this morning.

12 Then finally, with respect to guests,
13 we, we'd like to have guests from the
14 associations come in and talk about what they're
15 currently doing with respect to information
16 sharing. So we'll not only look outside of our
17 industry, but we'll look inside the industry as
18 well.

19 There are a number of things that are
20 going on, which were discussed yesterday -- one
21 of which we'll hear from this afternoon, which is
22 PRCI's work.

1 Then with respect to sharing data, the
2 platforms, vendors, the way in which you
3 actually, the mechanics of sharing data, we felt
4 like that was a place where we needed to
5 interface, and probably have some guests that'll
6 be, most likely outside of our industry.

7 And then -- Yeah, go ahead. Sorry.

8 MR. JENSEN: Leif Jensen with Sunoco.

9 As the subcommittee chair for Training and
10 Qualifications, you'll learn more about what we
11 deliberated yesterday.

12 MR. HERETH: Yes.

13 MR. JENSEN: But I would like to
14 suggest that there is an interface with T&Q
15 amongst all the subcommittees when you, and
16 you'll learn that when, when I'm at the chair.

17 MR. HERETH: Good. Good.

18 MR. JENSEN: Suggest that you include
19 us.

20 MR. HERETH: Yeah. We, we, we
21 certainly saw that. We saw it further
22 downstream. But you may help us see that

1 earlier, and that would be great. Absolutely.

2 Thank you.

3 The other thing we were charged with
4 was to identify additional members that we would
5 like to have on the committee.

6 The first is on there, on the bottom,
7 is that we recommend the addition of Warren
8 Randolph from the FAA, who actually presented to
9 us in one of our prior meetings. We'd like to
10 have his expertise brought to bear -- and
11 specifically the, his work in ASIAs, and, and we
12 felt as though he's been down this road.

13 And then, Madam Chairwoman, you
14 actually suggested another name that we want to
15 take more about. Somebody from, I think, the New
16 York Power Commission.

17 And, and, and that's particularly an
18 area that's important, because we haven't had a
19 presentation even at the Committee level on the
20 certs area, and cybersecurity, and there's a
21 tremendous amount of information-sharing that's
22 going on there.

1 And so this gentleman, and maybe
2 others, can help us in that regard. But he may
3 be a good addition into our committee that brings
4 that perspective in a way that's going to be
5 similar to Warren, but it's going to have a
6 different experience base to draw from.

7 Then the other thing that I'd ask is
8 that, we found yesterday that we were missing, we
9 were missing Bryce, and we were missing Michael
10 Bellamy, and we were missing Chris Warner who are
11 members of our subcommittee, but because of their
12 role in other subcommittees, they were there to
13 be in those.

14 And so I guess in thinking about this,
15 I'd ask that we try to have Technology and
16 Process Sharing not meet at the same time, so we
17 could have those members, you know, be with us,
18 because we really do need their input.

19 If we're unable to do that, then we'd
20 probably ask to have some other service providers
21 come in. But we think maybe the simpler solution
22 is to have them meet at different times, and then

1 we'll have those folks in our subcommittees.

2 Hopefully.

3 And then one other are that I wanted
4 to touch on is, we felt like we wanted to have
5 members of each of the associations' Pipeline
6 Integrity committees, because there's so much
7 pipeline integrity, whether it's DIMP or TIMP, as
8 members actually on our committee.

9 And so what we propose to do is that
10 Leif and I would actually, because Leif does more
11 work on the liquid side, I do a lot on the gas
12 side -- with, if, with your go ahead, we would
13 actually go to the associations and say, we want
14 one pipeline integrity person from each
15 association to come sit formally on the
16 subcommittee.

17 So I guess our requests, just to
18 summarize that, would be Warren Randolph from
19 FAA, subject to some additional discussion about
20 the gentleman from the New York Power Commission,
21 and then one of each association, a key senior
22 person from their pipeline integrity efforts.

1 CHAIRMAN BURMAN: And just to clarify,
2 it's a board member on the New York Power
3 Authority.

4 MR. HERETH: Okay. Sorry for all that.

5 CHAIRMAN BURMAN: That's all right.

6 MR. HERETH: Thank you. Thank you.

7 I think that was the, this is just
8 additional ongoing work. But for the sake of
9 time, I'll, I'll probably stop back here.

10 CHAIRMAN BURMAN: Leif?

11 MR. JENSEN: Thank you, Madam Chair.
12 Leif Jensen from Sunoco.

13 I would just like to add a little bit
14 more color to Mark's last statement, as it
15 results to adding representatives from
16 subcommittees from the trade associations that
17 focus on pipeline integrity.

18 In many respects, at the trade
19 associations, there is already a significant
20 amount of sharing that exists through a variety
21 of different venues.

22 And I think it would be incumbent upon

1 us as a group to at least hear them out, and
2 possibly leverage the, the venues and the
3 methodologies that they already use to share
4 amongst operators and ILI vendors.

5 So thank you.

6 CHAIRMAN BURMAN: Okay, does anyone
7 have any questions? At the table? On the phone?
8 In the audience?

9 Okay. So right now we're going to go
10 to, we, actually, I think we have two motions.

11 One would be on the task statement.
12 And then the second is on the approval of adding
13 subcommittee members.

14 I don't believe that, unless legal
15 tells me different, I don't believe that we have
16 to approve the deliverables, and your process.
17 So it really is just the task statement, as well
18 as adding different members to it.

19 As to the process, it, it, that is
20 something we don't have to approve. So why don't
21 we, while they're, they're discussing sort of the
22 process on adding members, why don't we look at a

1 motion someone might be willing to make on the
2 task statement?

3 MR. HERETH: Madam Chairwoman, I would
4 move to put the task statement for the Process
5 Sharing subcommittee forward to vote by the full
6 Committee.

7 MR. JENSEN: Second.

8 CHAIRMAN BURMAN: Do I hear a second?
9 I hear a second. Any discussion?

10 Hearing no discussion, all those in
11 favor, please say aye.

12 (Chorus of ayes.)

13 CHAIRMAN BURMAN: Any opposed?

14 Any abstentions?

15 The motion unanimously is approved.

16 Okay. Now we're going to move to, and
17 if we could have that up for the additional
18 members, just hold on one moment.

19 So I'm going to have Dr. Murray
20 discuss the process before the motion is made, in
21 terms of the vetting that is done in folks that
22 are put forward after the motion is, if it's

1 approved, okay?

2 DR. MURRAY: So as subcommittees are
3 considering, or requesting, additional members,
4 what we would like is A, it is provided in a
5 concise email to both me and Diane so that we can
6 take a look at it, and make sure that we vet
7 potential individuals or types of individuals
8 based on what you bring forward today.

9 And that way, we can go back, and
10 PHMSA will review the request, and Diane and I
11 will reach back out to the ADFOs and chairs with
12 your ultimate approval.

13 So this subcommittee, once you make a
14 motion, you can make a motion, for example --
15 we'll use this as an example -- for FAA's
16 participation, primarily with Randall, Warren
17 Randolph potentially the, having a need for the
18 New York Power board member, and then also
19 recognizing, maybe specify a number of
20 association Pipeline Integrity committee members
21 you're interested in, recognizing that individual
22 names will still need to be brought forward as a

1 part of your recommendation.

2 CHAIRMAN BURMAN: So before you make
3 your motion, you also may want to build in some
4 flexibility if some of these individuals choose
5 not to accept, so it may be also the type, in
6 consultation with the subcommittee chair.

7 MR. HERETH: Okay.

8 CHAIRMAN BURMAN: Okay.

9 MR. HERETH: So I, I will make a motion
10 that the Process Sharing subcommittee would like
11 to add a representative of the FAA that has
12 experience in process sharing, of which one
13 candidate could be Warren Randolph.

14 We'd like to consider the addition of
15 a person from the New York Power Commission,
16 potentially a board member, or someone that has
17 extensive experience in, in the process sharing
18 in that context.

19 We'd also like to add a member from
20 each of the associations -- and when we say that,
21 we mean AGA, the combination of API and AOPL,
22 APGA, and INGAA. And that would be a pipeline

1 safety, or Pipeline Integrity committee member
2 from each of those organizations who has great
3 experience in that arena, and we would propose
4 specific names.

5 But the experience base we're looking
6 for is the pipeline integrity.

7 And, and in making this motion, I'll
8 add one other comment. We believe those people
9 are critical in getting the buy-in to the use of
10 whatever we create in this subcommittee, in this,
11 in this committee over all.

12 A long motion.

13 CHAIRMAN BURMAN: That's all right,
14 thank you. This was a very helpful motion.

15 MR. JONES: Second.

16 CHAIRMAN BURMAN: So do I hear a, a
17 second?

18 MR. JONES: Second.

19 CHAIRMAN BURMAN: Any discussion?
20 Okay, hearing none, all those in favor, please
21 say aye.

22 (Chorus of ayes.)

1 CHAIRMAN BURMAN: Any opposed?

2 Any abstentions?

3 The motion passes unanimously.

4 Great, thank you.

5 And just to clarify, so the next steps
6 is, the next steps are that that will then, these
7 will then be vetted, and reach-out will be made,
8 and then we will formally let you know, you know,
9 who's on those, okay?

10 MR. HERETH: And, and Madam Chairman,
11 I, or Chairwoman, my, my understanding is that we
12 will follow up with an email to you, and, and
13 Christie.

14 CHAIRMAN BURMAN: Right.

15 MR. HERETH: And, and provide details
16 and names.

17 CHAIRMAN BURMAN: Okay. You --

18 MR. HERETH: But we'll, we'll make sure
19 that we provide the types of expertise that we're
20 seeking, even where we specify those names.

21 CHAIRMAN BURMAN: Great. Thank you.

22 Leif?

1 MR. JENSEN: Yeah, one quick question
2 for Christie Murray. From a process perspective,
3 I understand for new subcommittee members, you
4 want the email that Mark just articulated. But
5 if we want guest presenters to come in, is that
6 also required?

7 DR. MURRAY: Guest presenters, it's not
8 required, but if the subcommittees have a need
9 for guest presenters, they're more than welcome
10 to do so.

11 Just keep in mind that your agendas
12 need to be pre-reviewed by myself and Diane, just
13 so that we can stay in the loop in, in terms of
14 who and what.

15 But there's no real formal process.
16 If you, if the subcommittee has a need to bring
17 in someone to get more informed, and understand
18 some practices, you're more than welcome to do
19 so. Just make sure we've had an opportunity to
20 review your agenda prior to fully committing.

21 CHAIRMAN BURMAN: And I would, I would
22 suggest to the extent that, in your discussions,

1 the subcommittees' discussions, that you have
2 ideas on guest presenters, to the extent that you
3 share them in reporting out, I think that's very
4 helpful.

5 When you report out in the public
6 meetings on your ideas on guest presenters, even
7 if after the fact you don't have those guest
8 presenters, or you think further in your agendas
9 on other guest presenters, you're not prohibited
10 from including others or modifying that, but it
11 is helpful from the report-out perspective.

12 Okay? Thank you.

13 Now we're going to the third
14 subcommittee. Keep in mind, we have seven to go
15 through in a limited-time fashion. No pressure,
16 Bryce.

17 We're on the Technology and R&D, and
18 we're having the report-out presentation now.

19 And then we are going to look at
20 taking a short break after this presentation.

21 MR. BROWN: Okay. Madam Chairman,
22 thank you. Bryce Brown, the chairman of the

1 subcommittee Technology and R&D. We, we had a
2 very good, fruitful meeting yesterday in our
3 subcommittee meeting.

4 And on the screen, we have our ADFO,
5 and that's Chris McLaren. Thank you, Chris, for
6 what we've been able to put together up until
7 today. Instrumental in, in bringing us together,
8 and making us stay on track with this type of
9 process being generally unfamiliar to most of us.

10 So thank you, Chris.

11 Most of our members were, were there
12 yesterday, a couple on the telephone. We did
13 have two absent, but, but we had, we had a good
14 showing, and we had a, as I said, a good,
15 fruitful discussion.

16 Looking at what we did accomplish
17 yesterday, we, we reviewed the Mission Statement.
18 As mentioned earlier this morning, already, is
19 that the Mission Statement is at the heart of
20 what we're here to accomplish, and we've strived
21 to, to put forth as a, as a main committee. So
22 we did review that.

1 We, we looked at the subcommittee
2 overview, operations overview of what we would
3 cover in the meeting. We developed -- and we'll
4 talk about that here shortly -- some working
5 groups and subcommittee meeting frequency.

6 And we, as well, reviewed the overall
7 timeline for the recommendation, to make sure
8 that we did all understand that timeline. Excuse
9 me.

10 Task statement development and
11 approval. We did review the task statement. We,
12 we had some very good discussion around our
13 deliverables tables more specifically, and did
14 come to an alignment based on some of the things
15 that Mark has pointed out this morning, around
16 understanding the Technology R&D side, and we
17 being at the bottom of a funnel, if you will, to,
18 to bring this information together to talk about
19 gaps and, and development needs.

20 So we were able to, to, to look at
21 that and approve it.

22 We reviewed and established three

1 workgroups within our subcommittee. We'll talk
2 about that shortly.

3 Identified subcommittee external
4 needs, some SMEs -- specifically by name at this
5 point.

6 And then we prepared this Committee
7 report-out presentation.

8 Moving forward to the next slide, we,
9 we have our, our task statement. Very
10 straightforward task statement, and, and task
11 statement description.

12 At the heart of what we, what we
13 looked at from the original mandate language, of
14 course, our, our C 2, the ways to encourage the
15 exchange of the pipeline inspection information,
16 and development of advanced pipeline inspection
17 technologies and enhanced risk analysis -- again,
18 focused on development of, and the, of course the
19 up-front exchange, thinking about architecture,
20 mainly.

21 C 3 is the opportunities to share,
22 including the dig verification data between

1 operators in the pipeline facilities and the in-
2 line inspection service vendors to expand
3 knowledge of the advantages and disadvantages.

4 Here, when we talk about advantages
5 and disadvantages, we're going to think about
6 capabilities and limitations. Do we comprehend,
7 and do we understand the different types of in-
8 line inspection technology and methodologies?

9 To Dan's point, we, we are thinking
10 about pipeline inspection information, and not so
11 focused totally on in-line inspection.

12 And then C 4, options to create a
13 secure system that protects the proprietary data,
14 while encouraging the exchange of pipeline
15 inspection information, and the development of
16 advanced pipeline inspection technologies and
17 enhanced risk analysis.

18 Again, protects propriety data, a
19 secure system.

20 So those are the three items that led
21 to our task statement, which, task statement
22 title, which reads support committee by

1 recommending secure systems architecture. And
2 second sentence, make recommendations required
3 for continuous improvement, and/or needed
4 development of technologies and methodologies.

5 Moving a little bit forward, we'll
6 just go through all of this description before I
7 ask for questions and comments.

8 The task statement description reads
9 as follows: Identify assumptions from the other
10 subcommittees for our inputs and outputs --
11 specifically, Process Sharing and Best Practices,
12 and of course define taxonomy.

13 As described already by, by Mark this
14 morning from the Process Sharing, and will be
15 reiterated I, I would assume here shortly by, by
16 Eric on the Best Practices side -- the
17 assumptions are, excuse me, what type of data are
18 we talking about that, that will be shared?

19 And more specifically, how will we
20 then receive that data in a format that is,
21 number one, trustworthy and, and, and concise, of
22 good quality, in order to understand how to then

1 determine gaps and needs to continuously improve,
2 as well as thinking about the needed developments
3 in technology methodology?

4 So we, we need to identify and
5 understand those assumptions coming from those
6 two groups.

7 Number two, determine, and define, and
8 standardize the applicable pipeline inspection
9 information, quantitative, and its native data
10 format -- either tabular or geospatial, et
11 cetera.

12 We saw a main focus for ourselves,
13 thinking about architecture, IT, and then needed
14 continuous improvement and developments of.

15 We are looking more at the
16 quantitative side. We need to have good
17 quantitative understanding, and then information,
18 in order to then have a basis -- a good, strong
19 basis -- for some of the needed improvements and,
20 and developments.

21 Number three, conduct historical
22 studies. That really means, you know, work

1 together in a, in a subcommittee format that help
2 in the understanding of current best practices
3 for managing and sharing pipeline inspection
4 information and the associated areas for
5 continuous improvement.

6 Number four, analyze/define data
7 security and protection to safeguard the
8 proprietary nature of the pipeline inspection
9 information shared. Again, quantitatively, on
10 the quantitative side as a focus.

11 Number five, determine the quality
12 control procedures required to facilitate the
13 accurate exchange of the pipeline inspection
14 information. Again, quality control being, being
15 the emphasis here.

16 Number six, determine the feasibility
17 of integrating the pipeline inspection
18 information with other relevant pipeline safety
19 data that is already available or envisioned to
20 be developed.

21 We kind of raise a, a question here:
22 are there data format, completeness, and/or

1 platform issues that need to be addressed?

2 So again, integration of data will be
3 crucial when we think about the data, as
4 mentioned already this morning, that is being
5 collected today, and how do we move that forward,
6 and then how do we integrate and aggregate such
7 data?

8 And then number seven of our, of our
9 task statement description: Determine the needed
10 interpretation of the pipeline inspection
11 information shared in the areas that could be
12 addressed.

13 Number one, understanding
14 capabilities, limitations, and best practices.
15 Number two, data maintenance, continuous
16 improvement, and/or further research and
17 development. And number three, prospective
18 predictive analysis capabilities for threat and
19 risk analysis purposes.

20 So again, needed interpretation. If
21 we collect a lot of data, and, and start to
22 understand its quality, and we can trust in that

1 data, what are the interpretations of that data
2 to help us understand needed continuous
3 improvement, and prospective development, further
4 developments of technology and advancements?

5 Any, any questions or comments thus
6 far?

7 CHAIRMAN BURMAN: Any comments at the
8 table? Okay.

9 MR. LAMONT: Hey Bryce. One of the
10 things that, that jumps out to me here -- excuse
11 me -- is that in, in the Process Sharing
12 subcommittee yesterday, we had a lot of
13 discussion pertaining to the what, right?

14 And one of the things that jumps out
15 to me is, there's, it's specific to inspection
16 information. We also discussed yesterday the
17 ability to share near-miss information, and, and
18 lessons learned.

19 Is that kind of, you know, part of
20 your vision as well, or?

21 MR. BROWN: I, I think it is. I, we
22 see a strong dependency on, on more the

1 quantitative side. We might consider some of
2 that more qualitative -- process procedure, best
3 practice, a lesson learned in a, in a flow, if
4 you will.

5 But I, I, I do agree, Mike, that we
6 need to consider, and that's the interdependency
7 that we feel we have between Best Practices as
8 well, together with Data Sharing -- sorry,
9 Process Sharing, in understanding those different
10 things that kind of funnel into Technology R&D --
11 because somebody could say, or we could all agree
12 that if we look at a process procedure, that may
13 also be considered a methodology, or a
14 technology, even, that may need to be looked at
15 to be improved and/or developed further.

16 So yes, we, we will consider that in,
17 in our efforts. Thank you.

18 MR. LAMONT: Thank you.

19 CHAIRMAN BURMAN: Dan?

20 MR. COTE: Bryce, I, I love it. I
21 think it's, it's clear, it's detailed, it's
22 crisp.

1 Just one, just one observation. Is
2 there a way to broaden the scope of this? Again,
3 this mostly focuses around ILI and transmission.

4 Is there a way to expand this to
5 encompass so that, so that it at least recognizes
6 that, that each one of the three primary industry
7 segments is likely to have their own subset of
8 technology and best practices that may be
9 encouraged?

10 So, in other words, and I, I, I would,
11 I would ask the committee to consider tweaking
12 this a bit, just to expand the scope to reflect
13 that discussion we had on, on Mission and
14 Objectives.

15 MR. BROWN: Sure. Just a comment on
16 that, Dan. Thank you.

17 We, what we're trying to do is,
18 exactly, going back to the, some of the early
19 meetings last year, when this first started.
20 Meeting number one, number two, is around your
21 comments, around the focus of the mandate on in-
22 line inspection, and, and agree that there's a

1 lot of data out there that may not be applicable
2 to the situations that you're faced with, and
3 vice versa.

4 I, I think we generally align with you
5 on that idea, and we try to use the terminology
6 or, or taxonomy of pipeline inspection
7 information -- which inspection, you know, kind
8 of, kind of says something. We, we've also
9 referred to it as assessment in the past
10 discussions.

11 But we're open to exactly what you
12 brought to the table early, is to keep a broader
13 perspective of the different types of data and
14 information that can be shared.

15 And back to the process sharing, I
16 think what we, hopefully, will determine is that
17 there will be a longer list of items that come
18 from the what.

19 And with that what thinking, also,
20 together with Best Practices, because that feeds
21 into that -- what do we now need to catch and
22 start to understand how that gets housed into

1 some architecture IT.

2 And then, more specifically, how do we
3 interpret that data and information's that's what
4 into needs more enhancing technology, and the
5 need to further develop and research?

6 So, so it may not be explicit enough
7 to you here that, that we're covering your
8 subjects. But I want to say, with all due
9 respect, we're trying to do that.

10 MR. COTE: Understand. Then maybe,
11 maybe if you have no objection, then, then the
12 Mission and Objectives might propose some, you
13 know, some very brief, more generic language that
14 would make that a little more clear, if you have
15 no objection.

16 MR. BROWN: No objection to that. I
17 mean, we're open, we're open to hear that. Yes,
18 sir. Thank you.

19 CHAIRMAN BURMAN: Okay. Mark?

20 MR. HERETH: Just a brief comment.
21 Appreciate the work that you all did here. It's
22 great work. And I could see some, I can see our,

1 our agenda developing for our joint committee
2 meeting as, and so I think we had some
3 discussions yesterday where we have some
4 potential overlap here that we'll want to
5 clarify.

6 One thing that I see in your point
7 number one there that is very important is the
8 idea of taxonomy and definitions.

9 We spent a good bit of time talking
10 about this in our subcommittee yesterday, and
11 think that there's tremendous value in getting
12 pretty quickly to a set of definitions and a
13 taxonomy that we can all rally around.

14 So, because found that at times
15 yesterday, we had to help each other understand
16 what we meant when we were talking about
17 particular words.

18 And we don't know the best place to
19 house that, but it might actually be the
20 reporting group somewhere else and, because it
21 would be a lot for one of these subcommittees to
22 take on. There's already a lot to do.

1 CHAIRMAN BURMAN: Okay. Dr. Murray?

2 DR. MURRAY: That's an excellent
3 suggestion, Mark. We, we currently have a
4 placeholder, and I hope that comes out when the
5 Reporting Committee reports out -- that they are
6 the repository of the taxonomy.

7 But the, the caveat to that is, each
8 subcommittee will have to identify terms that
9 they need to be included in that library so that
10 it can be brought forward across all the
11 subcommittees for agreement.

12 So as each subcommittee identifies key
13 terms that need to be defined, please highlight
14 those, propose a definition, even if it's not 100
15 percent fleshed out, and that way, it throws it
16 up for food for thought that can be vetted and
17 agreed upon later.

18 And the Reporting subcommittee will
19 consolidate those and bring those forward so that
20 we can, can achieve that.

21 CHAIRMAN BURMAN: So, so far we have
22 two sort of action items from this. One is the

1 Reporting group definitions, which was going to
2 be folded in already.

3 And then the other is the Missions and
4 Objective subcommittee is adding, which we'll do
5 later, adding some language on the technology
6 aspects. So just to keep us on track.

7 Okay. Back to Bryce -- actually,
8 Mark, do you still have --

9 MR. HERETH: I just had one other
10 comment, and that is, with respect in your number
11 four, where you're using the word quantitative,
12 and I think this point was made, but to the
13 extent that it includes lessons learned and
14 tangible things that we can draw upon, and learn
15 from, and share -- I think our group would
16 certainly, our subcommittee talked about that a
17 good bit, and that's certainly within our
18 thinking is that --

19 Now, we want to differentiate that
20 from anecdotal. Walter helped us yesterday see
21 that, you know, anecdotal examples aren't always
22 helpful. So we, we like the idea of thinking

1 about things that are tangible, and I think Eric
2 actually had some terminology that he's going to
3 talk about.

4 And, and I'm, I'm worried that the
5 quantitative is maybe a little bit too
6 restrictive. But I'm, I just wanted to make that
7 point.

8 And if you feel like it covers that,
9 we're, we're okay.

10 MR. BROWN: Okay. Just, no, agree,
11 then, we, we sense that as well.

12 When we think about Technology and R&D
13 developments, or continuous improvement of around
14 the table, we think about a lot of numbers,
15 really. And if we look at different numbers and
16 interpret them, it leads to, you know, ideas and
17 conclusions.

18 But you're right. On best practices,
19 and, and process procedure learnings, we agree
20 that we need to be more open-minded to that.

21 In our discussion yesterday around
22 architectural IT requirements, which falls into

1 our subcommittee as well, we, we talked about
2 this functional requirement of such a, a
3 framework, if you will, or an architecture. And
4 that would have to be part of that as well, Mark.

5 MR. HERETH: Agree. Thank you.

6 MR. BROWN: So continuing, I'm, I'm
7 just -- Yes.

8 CHAIRMAN BURMAN: Well, I just want to
9 make sure. Does anyone have any questions on the
10 phone? In the audience? Okay. Thanks.

11 MR. BROWN: Okay. Thank you. There's
12 two more slides.

13 With regard to the continued work
14 there from yesterday, we, we refer to, and we
15 establish in our subcommittee three working
16 groups.

17 We, we have them labeled so far as
18 number one, Assumptions. The Assumptions Working
19 Group would be focused on working and
20 understanding what Process Sharing and Best
21 Practice subcommittees are, are, are, are, are,
22 are working through -- and so that we can start

1 to bring that information forward to us in our,
2 our Technology and R&D subcommittee, in order
3 that we also start to understand these functional
4 specifications.

5 We talked long about architectural
6 and, what we call Architecture and IT, which is
7 the next working group.

8 That is one of those things that, that
9 falls in our subcommittee, and we need to
10 understand the different datas, and the best
11 practices.

12 As Mark's pointed out, if it's a
13 process or procedure, best practice, lesson
14 learned, what is that architecture going to have
15 to accommodate by discrete data points versus
16 lessons learned, and, and going into the user
17 authorizations, accessibility, and so on. That's
18 our working group number, number two.

19 Then we have our working group number
20 three, which is all about the continuous
21 improvement, and the R&D, where we're looking at
22 the considerations for improvement, and/or

1 development.

2 So we, we see a strong need to, to
3 divide our subcommittee into these three working
4 groups, where they can go off in the coming weeks
5 prior to our next meeting, to, to start to circle
6 up, and, and discuss these subjects with a, with
7 a more focused effort.

8 The, moving to the deliverables. Our
9 deliverables are pretty straightforward in that
10 we are wanting to, of course, submit a summary
11 recommendation report to the parent committee for
12 approval.

13 That will include a, an appendix with
14 a deliverable table. And that deliverable table,
15 from December, the December 2017 timeline, is the
16 one that we've used as a basis for, for our work,
17 and we've gone through, when all of you see that
18 you'll notice it being very specific to, again,
19 the, the subcommittee Technology and R&D.

20 B of that summary report will be an
21 executive-level roadmap with a collection of
22 high-level models and artifacts, as described in

1 the deliverables table, which is Appendix A.

2 And then we, of course, we will need
3 to consider the list of acronyms and common
4 terminology, as well as definitions.

5 And then number two of our
6 deliverables will be the subcommittee
7 recommendation report, and the presentations to
8 the parent committee.

9 On this same slide, the third portion,
10 target milestones and dates, we have aligned with
11 the original timeline that we're all working
12 against to submit our initial recommendations to
13 the parent committee in July. The initial
14 recommendation report drafted August/September of
15 this year. Our final recommendation report
16 approved in December.

17 And then number four is establish
18 contact and line of communication with the VIS
19 subcommittees on Best Practices, Process Sharing,
20 for collaborative purposes.

21 So that's, that's already been
22 emphasize by Mark, and we'll see that again on

1 the next slide.

2 Any questions or comments?

3 CHAIRMAN BURMAN: Any comments? At the
4 table? Dr. Murray.

5 DR. MURRAY: I don't mean to hold the
6 meeting hostage, but when I see certain things
7 that flag giving more guidance, I want to make
8 sure I do that for the committee. In terms of
9 the working groups that you're proposing?

10 MR. BROWN: Yes, ma'am.

11 DR. MURRAY: Working groups do not
12 generally have to have a PHMSA ADO, ADFO sitting
13 on those. However, we would encourage having a
14 PHMSA representative on each of the working
15 groups.

16 MR. BROWN: Okay.

17 DR. MURRAY: Just so that there's a
18 dotted-line relationship back.

19 MR. BROWN: Makes sense, so what --

20 DR. MURRAY: If you have questions.

21 MR. BROWN: Well, I'll work with Chris
22 McLaren, and we'll, we'll talk about how to

1 accomplish that. But I think that's something we
2 can, we can probably accomplish.

3 We see the, the importance to, to kind
4 of be focused on, on these architecture/IT
5 subjects, as well as the Technology and R&D
6 piece, or the Continuous Improvement side, end as
7 well.

8 The Assumptions Working Group, you can
9 imagine is going to be, is going to be part of
10 the subcommittee meetings, and we'll have a
11 proposal there that kind of is in-line with my,
12 what Mark mentioned.

13 The, we, we, thank you. We will do
14 that.

15 DR. MURRAY: DO you anticipate they
16 will be meeting when you're meeting face to face,
17 or those committees, working groups talking in
18 between those face to face meetings?

19 MR. BROWN: I think, I think we need
20 to, we need to be clear about that in our, in our
21 subcommittee and these working groups. But we
22 envision that they will, for example, at least

1 have, like conference calls together somehow, to
2 start talking and working together as individuals
3 to bring these, these subjects to bear.

4 DR. MURRAY: Okay. Make sure your ADFO
5 is aware of all those interactions.

6 MR. BROWN: Yes, ma'am.

7 DR. MURRAY: Thank you.

8 MR. BROWN: Thank you.

9 CHAIRMAN BURMAN: Okay. Anyone on the
10 phone? In the audience? Okay.

11 MR. BROWN: Okay. Last slide. Our
12 recommendations for the, for the main committee
13 here are, are exactly that, is, number one is to
14 establish these three working groups within our
15 subcommittee, to be able to work somewhat
16 independently. But again, as, as Dr. Murray
17 pointed out, with some guidance.

18 We, we are proposing, and will conduct
19 a, a subcommittee teleconference Friday, March
20 23, right now scheduled for 10:00 am Eastern
21 time. That is our next subcommittee discussion.

22 We would like the main committee, of

1 course, here, shortly to consider the approval of
2 our task statement, with the edits that we made
3 yesterday to it.

4 And we do have some external resources
5 that we would like to request to participate as
6 guests in our subcommittee. We've named them
7 specifically: Cliff Johnson at PRCI, Drew Hevle,
8 Kinder Morgan gas, Sean Keane at Enbrige, Jason
9 Skow, CFER, Peter Veenstra from TRC, Bill Byrd
10 from RCP.

11 In our discussions yesterday, these
12 names came to the table with regard to
13 experience, for example, in sharing data,
14 sharing, understanding the technology needs gaps,
15 furthering developments.

16 As well, on the, on architecture side,
17 architectural IT side of our requirement to meet
18 in our subcommittee, we also have a couple of
19 individuals there that, that have that type of
20 background.

21 Appreciate also the opportunity to
22 invite guest speakers -- and I think that's

1 something we didn't really talk about so much
2 yesterday. But these individuals we've listed
3 here in our first, initial approach is to have
4 them join as guests to our subcommittee.

5 And our last item to bring to this
6 committee is consider what, what Mark has pointed
7 out, is how can we meet separate from each other
8 in a way that we're not overlapping, specifically
9 with Process and, and Best Practices, so we can
10 take advantage of our, of our need to understand
11 the assumptions, and what's happen in those two
12 subcommittees.

13 And then, so what we propose here is
14 that possible we work together in joint session
15 for maybe one to two hours in April, where we can
16 talk, and share some of the things that we've
17 learned up until that point as, as a combined
18 effort. And how do we break that out into our
19 subcommittee on those, on those learnings up
20 until that time?

21 So not exactly understood how this is
22 going to work formally, but I, I, we, we also

1 support this idea to, to understand that.

2 Question?

3 CHAIRMAN BURMAN: So just a couple of
4 things. Another action item, so you have three
5 sort of other action items.

6 One is the reporting group definition
7 part, which we already took care of. The other
8 is the missions technology.

9 And now this third one, which I think
10 goes to all the different committees, is when we
11 look at all the different subcommittees meeting,
12 we need to have the subcommittee chairs really
13 look at what the breakout of the subcommittee
14 meeting times are to make sure that we're, one,
15 allocating enough time for the subcommittees to
16 meet, but also the overlap of when they meet, so
17 that they are appropriately meeting, and not
18 meeting at the same time.

19 If we are, if they are meeting at the
20 same time, you are choosing to so that you can
21 meet together. So we just need to keep that in
22 mind for that draft agenda for the subcommittees,

1 will be important for us to have sooner rather
2 than later.

3 So I just want to flag that for us.
4 Sorry.

5 MR. BROWN: Yes. Understood. Thank
6 you. Thank you for that.

7 And that's the last slide. Any
8 questions or comments to the content of, on the
9 last slide?

10 CHAIRMAN BURMAN: Any comments or
11 questions from the table? On the phone? From
12 the public? In the audience? The audience is
13 very quiet today.

14 Okay. With that, so right now I think
15 -- do you have anything further?

16 MR. BROWN: I don't have anything
17 further on these slides, no ma'am.

18 CHAIRMAN BURMAN: Okay. So what we
19 have now, I believe we'll be making, really just,
20 it looks like to me, one motion, because it will
21 be on the task statement -- because the external
22 resources are really for guest presenters, not to

1 be added as subcommittee members.

2 So to the extent that we are looking
3 at this and all the others as really just
4 fleshing out the deliverables, the timelines, and
5 your process, really the only formal motion that
6 needs to be made is on the task statement.

7 Later, Dan will be incorporating a
8 further friendly amendment to add to his task
9 statement for his first mission. But you'll
10 probably save that to see if there are any other
11 amendments you need to make.

12 So if someone wants to make a motion
13 to your task statement, or if you have anything
14 further before that?

15 MR. BROWN: No, ma'am. I, Madam
16 Chairman, I'd like to, you know, move that our
17 task statement be put forward to the, to the main
18 committee for, for approval and vote.

19 CHAIRMAN BURMAN: Okay. Do I --

20 MR. HERETH: Seconded.

21 CHAIRMAN BURMAN: Okay. Any
22 discussion? Okay. Hearing, no discussion, all

1 those in favor, please say aye.

2 (Chorus of ayes.)

3 CHAIRMAN BURMAN: Okay. Anyone
4 opposed?

5 Any abstentions?

6 Hearing none, the motion passes
7 unanimously.

8 I do just want to say, before we take
9 a very short break if we need to, that, you know,
10 I really do want to say sort of a shout-out to
11 PHMSA on DOT.

12 Technology and driving innovation is
13 really very important, and a key to advancing and
14 improving pipeline safety. And to the extent
15 this is an appropriate time to say that, in terms
16 of the critical need of this subcommittee in, on
17 technology. And to the extent that incorporating
18 that is important with R&D.

19 Forty years ago, FERC approved the
20 first R&D project for utilities, and looking at
21 that, it's really very important that we are
22 laser-focused on new technologies, and driving

1 technology is important, because that is really
2 the key to continuing improvement in pipeline
3 safety.

4 So thank you. This is critically
5 important.

6 With that, if folks thing we need to
7 take a break, we're going to take a very short
8 seven-minute break. We'll be back. Okay?

9 (Whereupon, the above-entitled matter
10 went off the record at 10:34 a.m. and resumed at
11 10:53 a.m.)

12 CHAIRMAN BURMAN: Okay, so we're back
13 now. Folks on the phone? Okay.

14 PARTICIPANT: I'm sorry, I'm here.
15 I'm eating a bagel.

16 CHAIRMAN BURMAN: Oh, that's okay. So
17 we have an hour and 15 minutes right now before
18 we break for lunch. We have four subcommittees
19 to get through, and we also have to go back to
20 the missions and objectives subcommittee for an
21 amendment motion on the task statement.

22 We're going to start right now with

1 the Best Practices Subcommittee report out
2 presentation. So, subcommittee chair for that.

3 MR. AMUNDSEN: Over here?

4 CHAIRMAN BURMAN: Yes, sorry. Eric?

5 MR. AMUNDSEN: Thank you, Madam
6 Chairman. So, Eric Amundsen, Energy Transfer,
7 and Max Kieba was our ADFO. Committee members
8 showing up here on the screen. I'll try to move
9 pretty smartly through this.

10 But started out yesterday with a
11 really good discussion. Max did a great job
12 pulling together some of the legacy information,
13 excerpts from transcripts from our previous
14 meetings, you know, with an eye towards let's try
15 and get everything accumulated that was relevant
16 to our best practices subcommittee. So, thanks
17 to Max for that. Did a great job getting that
18 information together.

19 So we really spent the first part of
20 the meeting reacquainting ourselves and
21 refreshing our knowledge base relative to all
22 things best practices.

1 We moved pretty quickly to land our
2 task statement which is fairly long, but I have
3 it up here on the screen. So, evaluate existing
4 processes to include other industry VIS models
5 and practices, and make recommendations on best
6 practices that will promote the sharing of data
7 and information.

8 And we probably could have stopped it
9 there, but we added too that that accomplishes,
10 and then we'll go into some of these details.

11 But obviously we recognize that, you know, we can
12 learn from other VIS systems, you know, FAA and
13 some of the other models that we've seen.

14 We also recognize and have to consider
15 that, you know, a lot of the things that I'll
16 talk about in these sub-bullets are already being
17 done today within the industry, within the
18 associations just in routine feedback loops
19 between operators and our service providers.

20 So very little of what we are
21 contemplating isn't being done today. So I think
22 we've got a lot of good examples out there and a

1 lot of places to perfect what is being done
2 today.

3 And one of the questions that kind of
4 surfaced yesterday, you know, is this intended to
5 supplant any of those. And I think not. I think
6 if it's done right, it just may naturally do
7 that. You know, if we provide a higher value
8 proposition than some of these other systems and
9 contexts for sharing information, then naturally
10 we may hopefully gravitate to this system.

11 But we do need to consider that a lot
12 of this is already being done today. So that
13 accomplishes what? So, a couple things. One,
14 active participation of all stakeholders. It's
15 really important, I mean, that's really why we
16 are doing this.

17 If we don't have active participation
18 by all the stakeholders, you know, what's the
19 point. And so we need to compel them to deal,
20 and we do that by, you know, high value
21 proposition.

22 It should also accomplish integrity

1 management process and technology improvements.
2 And a lot of detail here, but in essence, you
3 know, we have a very defined, very well defined
4 integrity management process. The key is are we
5 getting the most out of that process.

6 You know, across the board, are we
7 floating all operators boats to the same level?
8 So we all performing, you know, as intended and
9 at the highest level possible given the tools
10 that we have to work with.

11 So a big part of this sharing
12 opportunity is going to be, you know, sharing
13 those best practices in implementing the tried
14 and true integrity management and technology
15 utilization processes that we have.

16 Another point that's been brought
17 already this morning, post-incident related RCFA,
18 so root cause failure analysis and subsequent
19 accompanying and regulator learning. So what
20 have we as operators, what have the service
21 providers and what have the regulator learned
22 from those, and how do we feed that back into our

1 system.

2 You know, do we have systemic or acute
3 process improvement issues whether it's from a
4 regulatory context or a systemic issue in our
5 integrity management processes, cultural
6 improvements. Again, that's been touched on over
7 the last year as we've discussed this concept.

8 And then obviously technology,
9 technology deployment improvement opportunities.
10 So not just improving the technology, but making
11 sure that we're again getting the most out of
12 current technology today.

13 And that lastly one that accomplishes
14 enhanced communication to and with stakeholders,
15 including regulators, public advocacy groups, and
16 the public themselves.

17 So again, the idea here is that have
18 some pretty meaty things to talk to them about.
19 Talk to them about how we're improving, overall
20 integrity management via the VIS, and hopefully
21 have some metrics and data to back up those
22 claims.

1 So that, in essence, is our task
2 statement. And I'll maybe stop there and ask for
3 any questions, comments.

4 CHAIRMAN BURMAN: Any questions or
5 comments at the table? On the phone? In the
6 audience? No? Okay, Eric, you want to continue?

7 MR. AMUNDSEN: So the next slide, and
8 I think the Committee has seen this before, and
9 this is kind of a framework. And kind of we'll
10 pitch this as a, in the context of a deliverable,
11 you know, framework for best practice for
12 voluntary information sharing. So the idea here
13 is that this framework would kind of capture the
14 essence of what we're trying to do and also how
15 we're trying to do it.

16 So again, back to the high value
17 proposition, you know, we will certainly
18 initially focus on best practices that drive to
19 an increase in knowledge, process improvement, or
20 best practice at a company level to this. And
21 the sharing should target what I term the right
22 side of the value chain, so data information,

1 knowledge, understanding, and wisdom. So really
2 focusing on, you know, knowledge gain,
3 understanding gain, and ultimately wisdom in
4 integrity management processes.

5 Again, focusing on those of highest
6 value first, believe the framework should have an
7 element of deliberation, so the sharing process
8 is via active engagement between one or more
9 parties and is a pitch/catch relationship.

10 So in other words, you have two
11 interested parties, one with information to share
12 and one with a use for that information to
13 improve their own processes.

14 And at a minimum, at least one party
15 is learning, as I said, learning, gaining
16 knowledge or wisdom from another while they are
17 engaged in process improvement. So they're
18 engaged in a collaborative effort with a defined
19 or determined outcome.

20 The last, or the third element is
21 actionable. So again, what's the point of all of
22 this if we don't actually change what we do in

1 terms of deploying technology, doing the
2 analytics, responding to threats on our pipeline
3 system.

4 So we need action. So the result of
5 the engagement that we've talked about would
6 generate action by one or more parties in
7 processes or practices change within that entity.
8 So again, we effect improvement in what we're
9 doing as an industry or as a service provider, or
10 as an operator.

11 Lastly, hopefully if we set this up
12 right these things will be measure. You know,
13 we'll be able to measure the value, we'll be able
14 to measure the deliberateness of the interaction,
15 we'll be able to measure the actions taken.

16 So the sharing process as well as the
17 results of those improvements and actions are
18 measurable. You know, we'll obviously touch on
19 leading and lagging indicators.

20 Again, in terms of a deliverable for
21 this subcommittee, I think this is a way that
22 we've thought we could frame it. Any questions?

1 CHAIRMAN BURMAN: Any questions at the
2 table? On the phone? In the audience? Hearing
3 none.

4 MR. AMUNDSEN: Okay, thank you. Next
5 slide here we talk about some of the
6 recommendations for the Committee to consider.
7 As is, as the other subcommittees have done, we
8 do, we have recognized the need for additional
9 subcommittee members too in this case.

10 So we are recommending that the
11 general Committee consider adding to our Best
12 Practices subcommittee Cliff Johnson of PRCI
13 and/or Walter Kresic who both will be here this
14 afternoon to present.

15 And then an AGA staff member. We will
16 come up with a name for that, but the idea there
17 is to get an AGA staff member who has been, you
18 know, intimately involved in their benchmarking
19 data management process, maybe be able to even
20 share some of their data with us, as well as
21 their challenges and solutions with collecting,
22 analyzing, and reporting on that data.

1 We also recognize the need to continue
2 our engagement with Warren Randolph as a guest
3 presenter as well as some of the other industry
4 associations. So we see value in engaging with
5 CJ Osmond, Paul McKay, with INGAA and INGAA
6 Foundation, respectively.

7 Again, they have lessons learned and
8 information sharing processes in place that we
9 know we can learn from. Similarly APGA, Erin
10 Kurilla, and then API's Stuart Saulters.

11 So again, looking to learn from, you
12 know, best practices that those associations have
13 deployed in learning what worked well and what
14 didn't for them.

15 We also recognize as the Process
16 Sharing and Technology and R&D committee, and we
17 should add training and learning to this as well.
18 The other subcommittees that we know will have to
19 interact very tightly and closely with them. So
20 again, just mention that here.

21 CHAIRMAN BURMAN: Okay, thank you.
22 Does anyone have any questions? On the phone?

1 In the audience?

2 MR. AMUNDSEN: Okay. The next series
3 of slides are kind of coming back, maybe could
4 have even started with this. But as I mentioned,
5 we had we had actually this kind of framework or
6 contextual model came about in the Technology and
7 R&D subcommittee meeting yesterday.

8 And I, you know, put it to paper
9 during that session and shared it with Mark, and
10 in the Process Sharing subcommittee as well as
11 our subcommittee meeting. So again, it's just
12 for consideration.

13 But this is kind of I think helps to
14 answer the why and the where that this will be
15 done. So the this is the voluntary information
16 sharing. So you know, just for consideration by
17 the general committee, and then as we talk maybe
18 by Dan in incorporating this into the Mission and
19 Objective subcommittee work product.

20 I consider the following suggested
21 context and outcomes as targets of the VIS
22 working group initiative. So one, improve

1 application. You know, I say improve, rise to an
2 industry consistent and best in class,
3 application and deployment of existing
4 technology.

5 Whether it be ILI tools, and Dan would
6 be happy except he's not here right now, DA,
7 hydro testing, and other assessment technologies.
8 So operators deploy a comprehensive, systematic,
9 and integrated process relative to integrity
10 assessments and response, and do that
11 consistently across the board because obviously,
12 I mean, there's a lot of different ways to do and
13 work the integrity management process.

14 The intent here is to share best ways
15 in doing that and sharing results of that, again
16 trying to float all operators' boats to the same
17 level using existing technology.

18 Second bullet is to perfect existing
19 technology capabilities versus operator/industry
20 collaboration. And I have a really typo here,
21 that drive deployment. That's the next bullet.

22 So really the point here is can we use

1 existing technology in different ways, can we use
2 it in ways that it overlaps, you know, running
3 multiple tools, maybe doing analytics a little
4 bit differently, integrating data more
5 completely. So again, how can we get even more
6 out of the existing technology. That's really
7 the context here.

8 Next three bullets, or next three
9 contexts is again drive development of new and/or
10 improved technology, be it operator, industry,
11 regulator, gap analysis. So what does the
12 existing technology and process provide today.

13 What's missing? You know, what
14 threats can't we fully assess for, can't we fully
15 discover and characterize as well as we would
16 like to today.

17 The next context, identify unique.
18 And one way to define that is low probability,
19 high consequence integrity threats and approaches
20 to assess acceptability and threats.

21 So again, having operator transparency
22 in regards to I found something that I didn't

1 expect to find in a place that I didn't, you
2 know, didn't expect to find it. You know, so
3 what. What does that mean.

4 I think again having transparency
5 amongst operators and the willingness to share
6 that information I think opens up, you know, the
7 purview of all of our operators with similarly
8 located pipes, similarly vintage pipe again just
9 to help to potentially mitigate the amount of
10 false negatives on our systems.

11 And then the last one speaks to
12 something that perhaps isn't being done so well
13 today, but again improve transparency and
14 communication of industry capabilities and
15 confidence level with, again, with the existing
16 technology and how we're pursuing gap-filling
17 technology with our other stakeholders.

18 So again, the idea there is to define
19 the data, the information and messaging for the
20 industry and public communications with the
21 intent of being very transparent, being credible
22 about what the state of the state is, and how

1 well it's being deployed, and then being honest
2 about what gaps we have, and how we're working to
3 close those.

4 So another way to look at this is in
5 a matrix format. So again, I kind of took each
6 of those five contexts and put those on the left
7 hand side of this matrix, and then across the top
8 added what data and information, as examples, not
9 meant to be complete, would be a part of that
10 contextual exchange.

11 You know, who the participants might
12 be, what the value of the outcome might be, and
13 then perhaps how we would measure those outcomes
14 and that value.

15 So again, I think the only I reason I
16 did this just again to give a little bit more
17 depth to the context, and also start to maybe
18 define, you know, the point that not all
19 stakeholders are involved in every context.
20 Different types of data are involved depending on
21 what the context is, the outcomes are, you know,
22 different. And the measures are different.

1 So again, just kind of more food for
2 thought if nothing else, and I wouldn't intend to
3 go through this in detail, but I'll make it
4 available. Questions?

5 CHAIRMAN BURMAN: Any questions at the
6 table? Mark?

7 MR. HERETH: I have a comment,
8 actually. I see this as an overarching structure
9 that, at least the five contexts, and I like this
10 table as well. But it's five contexts that we
11 should have in our mind with anything we're doing
12 in this work.

13 And I'm almost wondering if it belongs
14 in some capacity in the mission and objectives
15 work product in some way, because we certainly
16 talked about this yesterday in Best Practices.
17 But I think it's important to the work that our
18 subcommittee is doing, and possibly others. So I
19 offer that we might consider it for incorporation
20 in some way in the mission and objectives.

21 CHAIRMAN BURMAN: Does anyone have any
22 other comments or thoughts? On the phone? In

1 the audience? I do think, and Dan's not here
2 because I know he stepped out to work on the
3 technology piece of it.

4 I do think part of the ability of this
5 is also from some flexibility in when looking at
6 the task statement is also moving some of this
7 into the missions and objectives to the extent
8 that some of the food for thought in the
9 framework can be not necessarily formalized in
10 the task statement for the missions and for the
11 missions and objectives task statement, but can
12 actually be incorporated into some of the
13 deliverables and the framework there.

14 So that I think in all of these
15 presentations, there was some context and
16 deliverables, and some cross pollination. So to
17 the extent that these presentations, we'll also
18 need to make sure that when we go back we don't
19 lose the flow of this, and that we have places
20 that these things land in, that a lot of this
21 goes in there as appropriate.

22 But also remember that the strategic

1 missions and objectives piece is giving an
2 overall broad picture that then the subcommittees
3 and the report itself will have to flesh out.

4 So to the extent that it will also
5 naturally flow back into some of the Committee's
6 work as well, if that makes sense.

7 MR. HERETH: It does.

8 CHAIRMAN BURMAN: Anyone else have any
9 comments or thoughts, or questions? Okay, on the
10 phone, in the audience? With that, I think that
11 the only motion would be on the task statement,
12 because if I look at this, was there, to make
13 sure.

14 MR. AMUNDSEN: Yes, we did request, or
15 we will request some additional subcommittee
16 members.

17 CHAIRMAN BURMAN: Okay, yes. I just
18 wanted to make sure, yes. So we'll have two
19 motions. We'll do the first on the task
20 statement, and then the second on the additional
21 subcommittee members, again making sure that
22 that's flexible as the other subcommittee motion

1 on that one as well.

2 So first, let's go with the task
3 statement motion, if you want to make that
4 motion.

5 MR. AMUNDSEN: Yes, Eric Amundsen. So
6 I make a motion for the Committee to approve
7 existing, or the best practices subcommittee task
8 statement as written.

9 MR. PARKER: Second.

10 CHAIRMAN BURMAN: All those in favor?
11 Or, discussion? Hearing no discussion, all those
12 in favor?

13 (Chorus of ayes.)

14 CHAIRMAN BURMAN: Anyone opposed? Any
15 abstentions? Hearing none, the motion passes
16 unanimously. You want to make a second motion?

17 MR. AMUNDSEN: So Best Practices
18 subcommittee makes a motion to approve the
19 addition of two subcommittee members representing
20 PRCI, Cliff Johnson, and representing AGA to
21 member staff, name to be determined and submitted
22 to the Chairman.

1 CHAIRMAN BURMAN: If you want to say
2 it as flexible as it was with the subcommittee.

3 MR. AMUNDSEN: I don't know if I can
4 say it as flexible as Mark.

5 CHAIRMAN BURMAN: Similar language.
6 You can adopt by reference similar language as
7 the subcommittee chair before.

8 MR. AMUNDSEN: Okay. So again, we're
9 looking for from AGA staff member familiar with
10 and involved in, and engaged in the existing
11 benchmarking activities, data management,
12 processes within AGA as a member of our
13 subcommittee.

14 CHAIRMAN BURMAN: Okay. Anyone want
15 to second?

16 MR. PARKER: Second.

17 CHAIRMAN BURMAN: Okay, any
18 discussion? All those in favor, please say aye.

19 (Chorus of ayes.)

20 CHAIRMAN BURMAN: Any opposed? Any
21 abstentions? The motion passes unanimously.
22 Okay, great. And then to the extent that we also

1 just have to note that the comments that were
2 made by Mark as to the missions and objectives
3 piece will also be working with the missions and
4 objectives subcommittee as well as the other
5 subcommittees to the extent that there was a lot
6 of information here for framework and thought for
7 other subcommittees and members to consider.

8 Okay, with that we'll now move on to,
9 if my numbers are right, the fifth subcommittee
10 which is training and qualification, I believe.

11 MR. JENSEN: Yes. Leif Jensen from
12 Sunoco.

13 CHAIRMAN BURMAN: Great. Thank you.

14 MR. JENSEN: Here is a list of our
15 subcommittee members, and I'll introduce Dr.
16 Douglas White from the T&Q division of PHMSA,
17 from Oklahoma. So thank you to Doug White and to
18 Amy for helping produce this documentation.

19 We did have a quorum yesterday, one
20 person via phone, one person absent. Before I go
21 through all the slides, I would like to make a
22 few comments which will allow me to expedite our

1 way through the slides.

2 First and foremost, we did struggle a
3 little bit yesterday because in the scope of all
4 of the VIS meetings we've had prior, we never
5 really did touch on training and qualification
6 yet. So we struggled a little bit with some of
7 the semantics and taxonomy, specifically as it
8 pertains to how does training differentiate from
9 education and differentiate to qualification.

10 So we did recognize a couple of themes
11 that are appropriate. One, the scope should
12 include educating and motivating the stakeholders
13 that we desire to participate, and I think that's
14 been a common theme heard elsewhere.

15 I think it's important that we consult
16 with the other subcommittees to determine the
17 training scope, the training needs, and the
18 methodology ideas that ultimately the VIS
19 subcommittees are going to define.

20 We want to seek prospective and
21 insight and suggestions from the other industries
22 that have already developed their training

1 programs that meet the needs of their
2 stakeholders.

3 And then also, in alignment with the
4 safety management system, we think it's very
5 important that we, you know, recommend a
6 continuous improvement process kind of like the
7 plan, do, check, and act, the C and the A in that
8 acronym, so that members that work inside what we
9 call a community of practice literally and
10 deliberately exchange information that will
11 identify either improvements to training needs,
12 or new training needs as technology improves.

13 So with that said, all of that is kind
14 of baked into these next slides. The task
15 statement purpose is develop recommendations to
16 the VIS working group that identifies training,
17 competencies, and awareness methods for
18 stakeholders.

19 One key thing to highlight here is the
20 training, competencies, and awareness is the
21 title of the SMS element relative to this
22 particular task. So there's a direct alignment

1 with that task statement purpose.

2 The task statement descriptions, only
3 threefold. Recommend the development of training
4 needs for key stakeholders that meet the
5 requirements set forth by other subcommittees.

6 Recommend that education and awareness
7 be provided to stakeholders that motivates the
8 participation in a non-punishing and within a
9 secure sharing process with the objective to
10 improve pipeline safety.

11 And then ultimately, consult with
12 other subcommittees to determine how other
13 industries have a shared lessons learned and best
14 practices among appropriate stakeholders. And
15 then as I mentioned the direct correlation to the
16 SMS, foster a continuous improvement process
17 through the capture and dissemination of
18 information. Call it training, call it
19 education.

20 Specific deliverables, you know,
21 recommend that communication methods be developed
22 that foster the ability to exchange information.

1 That could be in the form of training, it could
2 be in the form of education.

3 Recommend that training methods be
4 created for stakeholders including the eligible
5 workforce if indeed we decide to create a portal.
6 If you recall that was presented to us in one of
7 the previous VIS meetings from the FAA where
8 individuals had the right to, or the ability to
9 anonymously report information.

10 And then identify additional
11 subcommittee members or guest presenters within
12 the training and qualification experience and
13 expertise. I think given our short timeline
14 between here and July, Doug and I were just
15 commenting that I don't think we're going to
16 propose any new subcommittee members.

17 Rather we will look to this population
18 of employees to come in as guest presenters to
19 give us notions of, you know, the path that they
20 charted to get there. So I'm not putting that
21 out as a motion that we would add subcommittee
22 members.

1 Mark, you had mentioned in one of your
2 earlier comments that the notion of working
3 groups. And one of the concepts that I've been
4 contemplating is because the training aspects
5 really are to be defined, it might be appropriate
6 that members of the T&Q subcommittee participate
7 in a variety of the different sessions to learn
8 what the other subcommittees are expecting, and
9 particularly the best practices, the technology
10 R&D, and process sharing I think are critical
11 that we participate in.

12 Milestones and dates. As I mentioned
13 before, these are in sync with respect to the
14 timelines that were published to the VIS. But I
15 do see that the detailed content of any
16 recommendation is probably going to have to
17 follow the other subcommittees once they are more
18 substantively defined.

19 So my prior comments allowed to
20 expedite that and hopefully get us back on time.
21 So any questions?

22 CHAIRMAN BURMAN: Wow. Kudos, thank

1 you. Does anyone have any comments or questions?
2 And that was kudos to substance as well as time,
3 just to clarify.

4 MR. JENSEN: Okay, thank you.

5 CHAIRMAN BURMAN: Not just about the
6 process. Any comments or questions on the phone?
7 In the audience? Okay. Hearing none, I think we
8 can now go to the motion.

9 MR. JENSEN: Okay. I so move that
10 recognizing that we have further deliberation in
11 defining the specific training needs, that we
12 move the task statement as described.

13 CHAIRMAN BURMAN: Anyone want to
14 second?

15 MR. AMUNDSEN: Second.

16 CHAIRMAN BURMAN: Did I hear a second?
17 Okay. Any discussion? Hearing none, all those
18 in favor, please say aye.

19 (Chorus of ayes.)

20 CHAIRMAN BURMAN: Any opposed? Any
21 abstentions? The motion passes unanimously.
22 Okay, now moving on to our sixth subcommittee

1 which is, if I remember it is Regulatory, Legal,
2 and Funding. Right? Yes?

3 MR. PARKER: Yes. This is Randy
4 Parker, I'm the chair of the Regulatory, Funding,
5 and Legal subcommittee.

6 CHAIRMAN BURMAN: And if you could
7 just speak into the mic a little louder, thanks.

8 MR. PARKER: Okay, can you hear me
9 now? This is Randy Parker, I'm the Chair of the
10 Regulatory, Funding, and Legal subcommittee,
11 affectionately referred to in our subcommittee as
12 the RFL subcommittee. So we have our first
13 acronym for our list of acronyms.

14 The task statement for this
15 subcommittee, well first let me advance the slide
16 here. First of all, we met yesterday and
17 Michelle Freeman, our ADFO, was quite helpful, as
18 were the other PHMSA support staff, and I thank
19 them for that.

20 We had an attendance of one. I was
21 the only person at our subcommittee meeting
22 yesterday because of conflicts. We have other

1 members who were chairs of other subcommittees.

2 So I kept the task statement fairly
3 concise and related to the mandate. And it will
4 be refined as we go forward and in more detail as
5 we learn more from the other subcommittees.

6 So, the task statement is to identify
7 and make recommendations to the Secretary to
8 overcome regulatory, funding, and legal barriers
9 to the sharing of information as set out in the
10 mandate.

11 This is an interesting subcommittee
12 because our task is to identify those barriers to
13 information sharing, and the information sharing
14 is being developed by four or five of the other
15 subcommittees. So we don't know exactly what the
16 barriers are until we see what our subcommittee
17 colleagues tell us is the nature of the
18 information to be shared.

19 So I wanted though to raise to the
20 Committee the concept that we not only identify
21 regulatory, funding, and legal barriers, but that
22 we also make recommendations to overcome those

1 barriers.

2 And our thought there is that we are
3 tasked with giving recommendations to the
4 Secretary, and it would, we would fall short I
5 think if we just identified barriers without
6 referring to possible legislative, regulatory, or
7 other solutions to those barriers. So I'll take
8 comments or suggestions from anyone on that
9 topic.

10 Our deliverables are, I kept those
11 simple, is the report out today and our continued
12 reports to the parent committee. Of course,
13 we'll keep a list of acronyms and list our
14 primary and secondary sources and references for
15 the reporting committee and for the Secretary in
16 case the Secretary's staff wants to, you know,
17 confirm or develop resources that we make
18 available.

19 Our target milestones and dates are
20 the same as the other subcommittees. But while
21 we're watching the definition and development of
22 different information sources to be shared as

1 those are developed, we will have lots of other
2 work to do which we want to start immediately,
3 and that is to take advantage for the Committee
4 of the, take advantage of the lessons learned and
5 the development over ten years of the FAA model
6 and the NTSB, interaction with that and also some
7 of the other information sharing models.

8 With that in mind, we would like to
9 have an external member. If not, this particular
10 person, Dane Jacques or someone similar. Dane is
11 a well known expert attorney. He's a former
12 commercial pilot, and he's an expert in NTSB
13 investigations, both airline and pipeline
14 investigations, and he's very familiar with the
15 FAA.

16 And I thought he would be a good
17 possible member, or example of a member to guide
18 our subcommittee on learning all the values that
19 we can from what the FAA learned in their
20 experience, you know, both legislative,
21 regulatory, and then also funding.

22 Secondly, we would like to identify an

1 FAA person who's an expert at funding these
2 sharing systems and find out what barriers they
3 ran into and how they developed the funding for
4 the information sharing system.

5 In addition, we will reach out to
6 guest speakers Warren Randolph who all of us want
7 to have as our advisor, and hope we don't wear
8 out our welcome with Warren. But he is very
9 enthusiastic and has recommended counsel from the
10 FAA who can help our subcommittee.

11 Also, the Federal Railroad
12 Administration, I wanted to talk to Skip Elliott
13 about that, about identifying someone who could
14 help us with their experience of information
15 sharing. Also invite BSEE in to talk about how
16 the funding works in their program, their
17 information sharing program.

18 And additionally, someone from PHMSA's
19 Office of Chief Counsel to guide us through any
20 kind of regulatory questions or legislative
21 questions, reauthorization type issues that may
22 be referred to us by the subcommittees or the

1 Committee.

2 Finally, the most important thing I
3 think is our interrelationship with the other
4 subcommittees. So we will be asking, and ask now
5 that the other subcommittees identify any of
6 these regulatory, funding, and legal barriers
7 that they see to an information sharing process
8 and communicate those to us so that we can start
9 doing our homework on those.

10 We would like to share subcommittee
11 meeting minutes with all the other subcommittees
12 so that we can keep up with the activities, and
13 we would like to sit in at other subcommittee
14 meetings occasionally to participate directly if
15 requested.

16 So we think that that
17 interrelationship is very important to our work,
18 and what we recommend to the full Committee.

19 In terms of how we will carry out our
20 work, we're going to have ad-hoc conference calls
21 regularly starting a week and a half from now to
22 keep the ball rolling and keep our momentum

1 moving forward as things develop. Thank you.

2 CHAIRMAN BURMAN: Does anyone have any
3 comments? Dan?

4 MR. DAN: I have a question. And
5 truth be told, Madam Chairman, I'm not even sure
6 to direct this to. But as I listened to the
7 presentation, and that was really a nice job, but
8 what subcommittee actually identifies or provides
9 an estimate of expectations on cost for this?

10 At some point either the Secretary,
11 Congress, someone's going to ask how much is that
12 going to cost. And in the presentations, I
13 haven't heard anyone identify themselves as a
14 primary provider of that. And it's pretty
15 clearly something that's going to be necessary.

16 CHAIRMAN BURMAN: Okay. Dr. Murray?

17 DR. MURRAY: That is a good question,
18 a good comment, one that is looming around I
19 think all of our minds as we think about what
20 these high level recommendations will look like.

21 I think that what we should, or for
22 the Committee to consider is what level of

1 discussion related to cost can you provide in the
2 context of the recommendations, because the
3 recommendations themselves are high level.

4 I think there's a couple of ways you
5 can look at cost. One from the best practices is
6 based on what may be recommended in terms of how
7 this information sharing approach is designed,
8 where it's housed, the infrastructure,
9 architecture, those decisions will drive the
10 ultimate cost.

11 But in terms of the high level
12 conversation, you might want to consider looking
13 at, for example, the types of data. Are there
14 significant burdens to industry because the data
15 is not currently available that would maybe
16 identify a need to develop or to pool together
17 data in a way that operators may not have
18 anticipated before.

19 So I think the high level, and this is
20 just my thinking about this a little bit and just
21 food for thought, it really should, it might come
22 down to what are the cost implications from a

1 high level based on some of the decisions that
2 have been made.

3 Who would fund this, those kind of
4 questions I think we've all been thinking about
5 and talking about for some time. So bringing
6 forward recommendations that might give some
7 different alternatives for consideration to the
8 Secretary.

9 And really focusing on the high level
10 implications that the recommendations might
11 present that might not be in the current reality
12 of the industry, whether you're a regulator, an
13 operator, or whomever the entity, independent
14 entity would be standing this information sharing
15 system up.

16 So Dan, I say all that to say I
17 struggle with understanding how we would get to a
18 quantifiable cost number. It would be
19 extraordinarily high magnitude swags at what that
20 might look like based on what's learned from the
21 best practices. But that's just my thought.

22 MR. DAN: Well, and just to respond

1 without working the issue, but what occurs to me
2 is that perhaps we want to assign one of the
3 subcommittees to make some broad assumptions
4 around that because the actual information
5 technology, the storage of the data we have some
6 examples of.

7 For example, the FAA has a process
8 where they are taking industry's data and storing
9 it. It's data based on all reports of
10 significant magnitude, so there's a lot there.
11 Maybe that becomes the surrogate for the actual
12 data storage piece, and then you can make some
13 assumptions around the cost of the data being
14 provided by the industry because the industry
15 generates a lot of it now. May not have a great
16 expanse.

17 But again, it's just something we're
18 going to have to grapple with at a more granular
19 level than I think we've discussed today.

20 CHAIRMAN BURMAN: And I do think that
21 to the extent that there are some actions and
22 deliverables that are looking at historical

1 studies and incorporating some guest presenters
2 and some external resources, taking into account
3 information that they may have in their own
4 resource level and information, I think it's
5 important.

6 I do think though that we have to be
7 mindful of the fact that we aren't creating
8 necessarily the program, but we are setting forth
9 the vision and translating it into
10 recommendations and objectives, and sharing in a
11 way for a pathway for others to follow and take
12 necessary next steps to implement if appropriate,
13 and also to the extent that we're cognizant of
14 funding and regulatory and other barriers and
15 challenges, but also opportunities that may be
16 there.

17 I think it's very important, and we
18 have to be cognizant of that and keep that in
19 mind as we go forward in our different
20 subcommittees.

21 You know, it's the challenges that we
22 all live with sort of every day whether we sit in

1 the role of industry or regulator or in other
2 capacities that it is about, you know, making
3 some assessment in how we do that, all keeping in
4 mind that the primary goal and objective is
5 safety and getting to zero incidents is the goal.

6 So I think that's important. But we
7 also have to be cognizant of what we're trying to
8 accomplish and the collaboration in getting
9 there. And so I think it's important. So does
10 anyone else have any other questions or comments?

11 MR. PARKER: Dan, I think you raise --

12 CHAIRMAN BURMAN: Wait, I'm sorry.

13 MR. PARKER: Go ahead.

14 MS. BORENER: So, I wanted to respond
15 to the question about the cost because there is a
16 significant cost sharing design for the FAA
17 program. And I think that that is something that
18 should come up in the lessons learned.

19 It's really a function of the design
20 of the program and it also has a lot to do with
21 the buy in of the participants, that they're
22 willing to pay their part of the, you know, the

1 gate to get in.

2 So I think that might be either in
3 best practices or in our process sharing or both
4 a topic that we should talk about, the design of
5 the membership, the fees, and actually the
6 ownership of the data and the tools. Those
7 really drive where the costs lie.

8 CHAIRMAN BURMAN: Great, thank you.
9 Anyone else?

10 MR. PARKER: One other comment I
11 wanted to make. I observed what Dan did early
12 on, and so I thought that at least our
13 subcommittee could look at the barriers and the
14 experience that the FAA has had and other
15 organizations have had in preparation for what
16 the Committee wants to direct us to do in terms
17 of funding.

18 And also, I would like to invite some
19 guest speakers from organizations like API, AOPL,
20 and others, both counsel and other individuals in
21 those organizations to talk about how funding
22 would be perceived by the industry and what they

1 would be willing to do or not do in terms of
2 funding.

3 CHAIRMAN BURMAN: Good, that's very
4 helpful. Does anyone else have -- and thank you,
5 that was a good question to raise. Does anyone
6 else have any comments or questions at the table?
7 On the phone? In the audience? Sure, come on.
8 Come on up. You're the first, so no pressure.
9 Yes, does anyone have a mic? Right here. And
10 just introduce yourself, your name and who you're
11 with.

12 MR. LU: Sure. Hi, I'm Andrew Lu with
13 the American Gas Association. We represent the
14 gas distribution utilities in the country, those
15 that are investor owned. Thank you for the
16 Committee for this meeting and engaging the
17 audience and inviting comments.

18 Just a few items. AGA's very
19 supportive and willing to be engaged in whatever
20 role and subcommittee is desired. We are
21 obviously very passionate about safety and what
22 can be done to enhance the safety of the

1 pipelines in the country.

2 What might be helpful for facilitating
3 the requests for either guest speakers or
4 additional subcommittee participation would be a
5 package of standard information that could be
6 distributed to prospective members to better
7 understand the mission and the scope of what
8 would be needed in terms of participating on the
9 subcommittee.

10 This would include the duration of the
11 commitment, the number of meetings per year, and
12 those kinds of factors. I see back in 2000, I
13 was actually very involved with a different
14 organization and helping get that off the ground,
15 and I see some similarities between what's going
16 on here and what happened with that organization
17 which was the Common Ground Alliance.

18 Obviously there are some differences
19 between what CGA has come to work on and their
20 role in pipeline safety and what I perceive this
21 initiative being about. But there's a lot of
22 similarities.

1 In terms of promoting data collection
2 and what that will look like, CGA's already been
3 down that path as far as excavation damages. I
4 also see similarities between the conversation
5 that just occurred as far as funding and getting
6 the commitment from stakeholders, communication
7 with people that might be submitting data or
8 information to this initiative, documenting how
9 decisions are made at the subcommittee level, all
10 those kinds of things, Common Ground Alliance
11 went down that path.

12 And so I would encourage you to
13 consider how do you engage that organization in
14 the subcommittee level. And how to solicit
15 volunteers, that's a big one. CGA has gone down
16 this path of how do we get folks to volunteer to
17 participate and do work, and design a program
18 that will benefit safety.

19 And so, but one other comment that I
20 had is more of a question. I think all of the
21 conversations have been very clear, and I commend
22 the subcommittees that have gone. The T&Q

1 subcommittee is a little bit unclear to me as far
2 as who is being, who would be trained.

3 I'm not clear on the T&Q role. If we
4 could perhaps have a little bit more of a better
5 understanding of what that might look like, I
6 think that would be beneficial. Thank you.

7 CHAIRMAN BURMAN: Thank you, your
8 comments are very helpful. And I think that we
9 will help to flesh that out. Leif, are you going
10 to speak on the training and qualifications?

11 MR. JENSEN: Yes, thank you.

12 CHAIRMAN BURMAN: Thanks.

13 MR. JENSEN: On the T&Q side, you
14 know, thank you for your comments and your
15 inquiry as to how do we define that. I think one
16 point to clarify is, you know, as I outlined when
17 I did what the scope should include, what I
18 should have also said is what we think it should
19 not include.

20 And it gets into the semantical
21 definition of qualification. And we do not want
22 to impose any of our recommendations at this

1 point to change the OQ rule.

2 Right, so first and foremost, the
3 initial scope I think is training the
4 stakeholders, those in leadership, any one of the
5 industry stakeholders or associations, that it's
6 worthwhile joining this effort.

7 So I echo your perspective that CGA,
8 or Common Ground Alliance has already gone down
9 this path and we ought to learn from them as to
10 how they were able to woo all operators to
11 participate.

12 And then secondly, once we know the
13 deliverables out of the various subcommittees,
14 That's when we're going to further define the
15 training needs. So I know that's not a very
16 concrete answer to your questions, but it's where
17 we are today.

18 CHAIRMAN BURMAN: Great. Does anyone
19 else have any other comments or questions on the
20 table, on the phone? Okay, great. And we will
21 be following up on your other thoughtful comments
22 and concerns. So I appreciate that.

1 And with that, we have two motions for
2 you to make. If you want to make your first
3 motion as it relates to the task statement?

4 MR. PARKER: Yes. Subcommittee for
5 Regulatory, Funding, and Legal moves to accept
6 our task statement.

7 CHAIRMAN BURMAN: Do we have a second?

8 PARTICIPANT: Second.

9 CHAIRMAN BURMAN: Okay. Hearing a
10 second, any discussion? Hearing no discussion,
11 all those in favor please say aye.

12 (Chorus of ayes.)

13 CHAIRMAN BURMAN: Any opposed? Any
14 abstentions? Hearing none, the motion carries
15 unanimously. You want to make your second
16 motion, and again keeping in the spirit of
17 flexibility like the other two. And you can
18 refer by incorporation the same language without
19 having to carefully craft it.

20 MR. PARKER: Thank you. So I don't
21 have to carefully craft all that. The
22 Subcommittee on Regulatory, Funding, and Legal

1 moves that it add two members to the
2 subcommittee, two external members, one who is an
3 expert at FAA NTSB issues who can guide us
4 through the lessons learned in their formation
5 and development of an information sharing regime,
6 for example Dane Jacques from the firm of Steptoe
7 and Johnson.

8 And also a second member from the FAA
9 who would be a person very familiar with funding
10 of an information sharing system and how the
11 funding process developed at the FAA which will
12 be very important to this program and to
13 sustaining this program if it's ultimately
14 implemented.

15 CHAIRMAN BURMAN: Okay, great. Does
16 anyone have a second? All right.

17 PARTICIPANT: Second.

18 CHAIRMAN BURMAN: Second? Any
19 discussion? Hearing none, all those in favor,
20 please say aye.

21 (Chorus of ayes.)

22 CHAIRMAN BURMAN: Any opposed? Any

1 abstentions? The motion carries unanimously.

2 Thank you. And now I think we're on our seventh
3 subcommittee, and then we go back to the missions
4 and objectives.

5 Okay, and right now it is 11:47, and
6 we're scheduled for a 12:15 break for lunch, so I
7 think we'll be on track. This is the reporting
8 subcommittee, ready for the report out
9 presentation from the subcommittee chair.

10 MS. LYNCH: Good morning. My name is
11 Karen Lynch, I'm the Alternate Designated Federal
12 Official for the Reporting subcommittee. The
13 chair position is currently vacant for this
14 subcommittee, so we are actively recruiting for
15 this particular position.

16 Let's see, the members of this
17 subcommittee are listed here. We have a total of
18 six committee members.

19 For our task statement, it's really
20 fairly simple. For this particular subcommittee,
21 our primary goal is to establish a governance
22 structure so that we can help draft and finalize

1 the final deliverable for the VIS working group.
2 So our title is Subcommittee Governance and
3 Management of the VIS Working Group Report.

4 We see our purpose as really
5 fulfilling the central governance needs of the
6 working group as a whole in providing a strategic
7 direction and management of the comprehensive
8 report that this group has been tasked with
9 completing.

10 Some of our task statement
11 descriptions are we're planning to establish a
12 share point site. And the share point site is
13 really going to be key because it's going to
14 facilitate the collaboration, communication, and
15 records retention of this particular group.

16 But I think the key thing here is that
17 it's going to ensure that we have version control
18 and a one-stop-shop for a lot of our documents
19 including our task statements, our agendas, our
20 minutes, et cetera.

21 We're also planning to develop
22 guidance and templates for the subcommittee

1 report and document submissions. So this is
2 going to be key as well because it's going to
3 provide some structure for the subcommittees in
4 submitting the various documents, reports, and
5 other items to the reporting committee to
6 incorporate into the final document.

7 We're going to draft the final report
8 in accordance with established timeframes and a
9 report outline. So the established timeframes
10 and the report outline has been provided to the
11 members in advance. I do have a couple of slides
12 where I've outlined what these are, and I'll show
13 those shortly.

14 Our deliverables are going to be a
15 share point site, guidance templates, and samples
16 of reports from other advisory committees. I
17 know that several members have asked for a sample
18 so they can have an idea of what a report looks
19 like and what the expectations are. And our
20 final deliverable is the final draft report.

21 Our milestones and dates are for the
22 share point site we anticipate that site going

1 live in March 2018. We're planning to have
2 guidance, templates, and samples to the working
3 group by the end of March 2018, and the final
4 report is due December 2018.

5 Some of our accomplishments to date
6 include developing the framework and permissions
7 for the share point site. We've reviewed and
8 finalized subcommittee templates, and several of
9 those templates you've worked with this week.

10 We've also researched other federal
11 advisory committees, and we have sample reports
12 that we will provide to the members as well.
13 We've begun to outline a subcommittee governance
14 structure and a process for submitting items and
15 documents to the reporting committee.

16 So in this next slide, this is a high
17 level overview of the report outline. So the
18 reporting subcommittee is going to be working on
19 the table of contents, the executive summary.
20 We'll be working with all of the subcommittees on
21 the key terms, acronyms and definitions.

22 I know that that was discussed earlier

1 today, but we're definitely going to take the
2 lead on that and work with all the subcommittees
3 to ensure that we have a comprehensive list of
4 all of these documents. We're also going to work
5 on the introduction, the background, et cetera.

6 Some of our report timelines that
7 we're working with is, I mean, essentially the
8 subcommittee work has commenced. It started in
9 February, and it's to go until June 2018. And
10 we've outlined some other details here as well.

11 But I think the thing that I really
12 want to point out is that the initial
13 recommendation report is going to be drafted
14 between August and September of 2018. So we have
15 some really tight deadlines that we are going to
16 be working with, and it's not a lot of
17 flexibility here because the final recommendation
18 report is due December 2018.

19 Our recommendation today to the full
20 Committee is to approve our task statement, which
21 is the subcommittee governance and management of
22 the VIS working group report.

1 As it relates to new subcommittee
2 members, we don't have any recommendations to add
3 new members to the reporting subcommittee, but we
4 will note that each of our current members
5 participate on other VIS working group
6 subcommittees.

7 And we see this as really being key
8 because we'll be part of the decision making and
9 other matters of the committee, and we'll be able
10 to bring all of those back and ensure that it's
11 incorporated into the report.

12 And what I've listed here is the
13 members that are part of the reporting
14 subcommittee and the other committees that they
15 support as well. Great. Do we have any
16 questions?

17 CHAIRMAN BURMAN: Does anyone have any
18 questions or comments at the table? On the
19 phone? Oh, I'm sorry.

20 DR. MURRAY: Just a couple of
21 clarifications on the task statement, if you
22 could go back a couple of slides. And I'm just

1 throwing this out for the Committee's
2 consideration.

3 It might be worth noting two things,
4 one, that this reporting subcommittee will
5 consolidate as a part of the task description,
6 making sure that it's clear that this is a place
7 where all the other subcommittee reporting
8 sections are consolidated.

9 And then two, making sure that it's
10 also noted that the common taxonomy that was
11 talked about in definitions will be consolidated
12 as a part of this effort with this reporting
13 subcommittee as well.

14 And then the last piece under the
15 deliverables, as the full report is initially
16 developed, there needs to be a mechanism to
17 manage the comments and how the comments have
18 been resolved in the actual initial report.

19 So I would add a deliverable that, I
20 would recommend that the Committee consider
21 adding a deliverable related to that document
22 comment resolution matrix so that that will

1 accompany, and then that way the members can see
2 how their comments have been addressed as this
3 evolves in iterations.

4 CHAIRMAN BURMAN: The only other thing
5 that I would add too is that to the extent that
6 the mission and objectives subcommittee is also
7 important to the reporting piece of it, it would
8 be helpful that, and especially since two of the
9 mission subcommittee members are a part of the
10 reporting subcommittee, maybe you also have at
11 some point a coordinated meeting just to make
12 sure that everyone in the reporting committee is
13 aligned with what the mission is since they'll be
14 looking at it and making sure that it's, all of
15 the issues that the other subcommittees are
16 looking at are carried through and incorporated
17 from the overall mission. I think that might be
18 helpful in making sure. Okay?

19 MR. DAN: Understand, Madam Chairman.
20 We'll get that done.

21 CHAIRMAN BURMAN: Okay. And we are
22 still looking for, we do have a vacancy. So to

1 the extent that a subcommittee member, or a non-
2 subcommittee member who may now have a passion
3 for being a subcommittee chair and on the
4 reporting one since it's, you know, probably the
5 most important subcommittee chair, if you want
6 that vacancy, you know, it's going to go fast.
7 So come.

8 Sorry, trying to make it wanted,
9 desired. I'm already getting texts, so come
10 reach me. All right, so with that, do you want
11 to make, I think the only thing we now need to do
12 now is to make a motion.

13 I would ask that we defer to someone
14 else other than the alternate, since she sits in
15 the role as PHMSA staff. So if someone else
16 wants to make a motion for the task statement to
17 be approved.

18 MR. DAN: Madam Chairman, I make a
19 motion that we approve the task statement from
20 the Reporting subcommittee.

21 CHAIRMAN BURMAN: All right. Anyone
22 want to second?

1 PARTICIPANT: Second.

2 CHAIRMAN BURMAN: Okay. Any
3 discussion? Sure, Alan?

4 MR. MAYBERRY: Doesn't matter the
5 timing on this comment. But I think perhaps it's
6 inherent, but as we go to report, let's consider
7 our audience that, you know, the group here is
8 made up of practitioners who are developing a
9 report for a recommendation that are to
10 essentially non-practitioners.

11 So to that extent, it's inherent that
12 we must use plain English. You know, sometimes
13 we're accused of not using that. But that will
14 be important as we look to sell the outcome of
15 this good work here. Thanks.

16 CHAIRMAN BURMAN: Yes. Thank you.
17 Okay, so now if there's no more discussion, any
18 more discussion? Oh, Dr. Murray? No? Okay. No
19 more discussion. With that, all those in favor,
20 please say aye.

21 (Chorus of ayes.)

22 CHAIRMAN BURMAN: Any opposed? Any

1 abstentions? Hearing none, the motion carries
2 unanimately, and I want to thank Karen Lynch for
3 carrying this forward. Thank you very much.
4 Appreciate it.

5 All right, with that we've completed
6 all of the subcommittees. We do have one more
7 now to bring back for a friendly additional add
8 to the task statement which is the mission and
9 objectives. Dan?

10 MR. DAN: Thank you, Madam Chairman.
11 First, and I apologize to my committee and to
12 Nancy. I didn't recognize the group because I
13 couldn't work the button well enough earlier, and
14 I'm a bit of a social dropout.

15 So I apologize to everyone involved.
16 But that is my subcommittee. And thank you all.
17 And Nancy has been a delight. Thank you.

18 We made a couple of modifications
19 quickly to get this approved, and I'm just going
20 to flip to them. Obviously one of the things
21 that we had talked about in the objectives is
22 recognizing that the system process will provide

1 a tiered approach to information sharing, that
2 was one of the discussions we had earlier, and
3 just wanted that statement to be clear.

4 We've also redefined the audience,
5 primary audience, operators for all the reasons
6 that we discussed earlier, and define, you know,
7 the many stakeholders of the system or process
8 that we develop, and included the language from
9 the Committee when we had that earlier
10 discussion.

11 So those were just a few of the
12 modifications. There was another set in terms of
13 the details of the task that we discussed. But
14 before I move on, any concerns about these
15 modifications? They reflect the discussion we
16 had earlier.

17 There being none, thank you. The
18 second set of changes, you can see the bolded in
19 our two task bullets, develop. And again, we
20 wanted to modify this, so this now reads develop
21 the information sharing processes that encourage
22 the exchange of pipeline safety data, et cetera,

1 et cetera, and risk remediation data, again,
2 across gas distribution, transmission, and
3 hazardous liquids pipelines.

4 So you can see the bolded, just to
5 clarify that again, reflecting the discussion we
6 had earlier to be more clear in what we were
7 actually trying to -- the strategic purpose of
8 our group.

9 Questions, comments on that one?
10 Again, I think we tightened that up a bit a did
11 reflect the changes that we had discussed.

12 CHAIRMAN BURMAN: Great. And we will
13 be taking a motion on this just to clarify.
14 Mark?

15 MR. HERETH: I like these changes. I
16 just have one wording change that I would
17 suggest. In your first blue bullet, you use the
18 word remediation with respect to risk. I think
19 the more common term in the industry is risk
20 mitigation data. And so I would offer, or
21 suggest the use of risk mitigation. That
22 encompasses remediation.

1 MR. DAN: Right. It shall be changed.
2 Thank you.

3 CHAIRMAN BURMAN: Okay, great.

4 MR. DAN: Other comments before we
5 move on to the last bullet?

6 CHAIRMAN BURMAN: Anyone on the phone?
7 In the audience? Hearing none, we're back.

8 MR. DAN: Okay. And the second set of
9 changes to the second bullet, facilitate, again,
10 the sharing of data that is the outcome of the
11 analytical techniques tools. The way it was
12 written before it sounded like we were going to
13 be developing those techniques, tools, and et
14 cetera.

15 And obviously at the end added the
16 term stakeholders as parties to that. So again,
17 reflecting the changes. And so those were the
18 changes that were made to the mission and
19 objectives documents.

20 MR. BUCHANAN: You might add pipelines
21 before stakeholders.

22 MR. DAN: I'm sorry, say again.

1 MR. BUCHANAN: You might add the word
2 pipelines prior to stakeholders in the last
3 sentence, liquids pipelines.

4 MR. DAN: Perfect. We will do that.
5 So there being no further changes, Madam
6 Chairman, I make a -- oh.

7 CHAIRMAN BURMAN: Alan?

8 MR. MAYBERRY: Maybe I'm the only one
9 thinking about this, but do we need the action
10 verbs at the front? You know, develop,
11 facilitate. Nowhere else, and I know these are
12 different, they were added, but you are
13 developing recommendations for the information
14 sharing processes, or the sharing of data. I
15 just kind of question the need for them.

16 MR. DAN: Would you rather that said
17 provide recommendations for the information
18 sharing processes? I mean --

19 MR. MAYBERRY: I had already took a
20 shot at that earlier. So I mean, it's not a big
21 deal. It's just you have action there for the
22 last two.

1 CHAIRMAN BURMAN: Technically it says
2 develop recommendations for. And then it should
3 be develop recommendations for information
4 sharing processes and sharing of data. So
5 develop the and facilitate the should go away.

6 MR. DAN: Then they're gone. You're
7 the --

8 CHAIRMAN BURMAN: So, you know, we're
9 regulators. That's what we do.

10 MR. DAN: I understand. We're
11 operators, so we think in terms of action. And
12 now that we've created that cultural demarcation,
13 it will be done. Therefore, any further
14 comments?

15 CHAIRMAN BURMAN: Mark?

16 MR. HERETH: I just think that Mr.
17 Mayberry there, by his very actions, showed his
18 absolute commitment to wanting to be on the
19 report writing committee.

20 MR. MAYBERRY: I knew that.

21 MR. DAN: Poetic justice. Therefore,
22 Madam Chairman, I make a motion that the mission

1 and objectives task group, task statement be
2 adopted as modified.

3 CHAIRMAN BURMAN: Anyone want to
4 second?

5 MR. LAMONT: I second.

6 CHAIRMAN BURMAN: Okay. Any
7 discussion? Hearing none, all those in favor,
8 please say aye.

9 (Chorus of ayes.)

10 CHAIRMAN BURMAN: Any objections? Any
11 abstentions? The motion unanimously passes. So
12 before we break for lunch, I just want to say
13 Randy, you had said that your acronym for your
14 subcommittee was RFL for Regulatory, Funding, and
15 Lunch.

16 Technically in text lingo it's
17 regulatory, funding, and legal. It's actually
18 ready for lunch. So we are ready for lunch. And
19 we're actually on time, we're ten minutes. So we
20 have actually another extra ten minutes. We will
21 meet promptly at 1:15.

22 And so I want everyone to be back

1 because we are task oriented, and we will start
2 right at 1:15. Thank you very much, everyone.
3 This was very good. I know some of you will be
4 leaving us before that, and I thank you all and
5 appreciate it.

6 (Whereupon, the above-entitled matter
7 went off the record at 12:06 p.m. and resumed at
8 1:19 p.m.)

9 CHAIRMAN BURMAN: Right now, I'm going
10 to turn it over to Dr. Murray to introduce our
11 guests. Thank you.

12 DR. MURRAY: Okay. I want to welcome
13 three representatives from the National
14 Transportation Safety Board to come and join us.
15 We've invited them here because we're certainly
16 interested in NTSB's perspective on pipeline
17 safety, the importance of information sharing,
18 and to talk to us a little bit about their
19 experience working with other federal agencies,
20 including FAA, with their information sharing
21 initiatives in the past.

22 So with that, I'm going to turn it

1 over to Robert Hall. Mr. Hall will kick it off,
2 and his staff will join in a general dialogue.
3 There's no presentation for their conversation.
4 So if you have questions, you know, we have three
5 great brain sources to pick their brains and
6 understand some of NTSB's thoughts.

7 And also, if there's opportunities to
8 have further dialogue beyond this conversation,
9 don't hesitate to share what your needs might be.
10 And with that being said, I will turn it over to
11 Mr. Hall.

12 MR. HALL: Thank you very much. I'm
13 Robert Hall. I'm the director of the Office of
14 Railroad Pipeline and Hazardous Material
15 Investigations, which is quite a mouthful.

16 With me is Sandy Rowlett, who is the
17 deputy director of the Office of Railroad
18 Pipeline and Hazardous Material Investigations,
19 the only individual at NTSB with a longer title
20 than mine. And I've also brought Muhammed El-
21 Zoghbi, who is our chief of Pipeline and
22 Hazardous Materials Investigations.

1 But it was interesting when we got the
2 invitation, because it reminded me of something
3 that I did a number of years ago in my career,
4 and actually working for PHMSA back in the late
5 '90s, and laid the initial groundwork for the
6 plastic pipe database in response to an NTSB
7 recommendation.

8 Through a bunch of things in my
9 career, I ended up at the NTSB, but at that time
10 was working on the plastic pipe database and
11 setting that up. And that was kind of, you know,
12 what I viewed at the time as the first real
13 effort to have industry regulator sharing of data
14 that would benefit the industry. And I think
15 we've done a lot with that database over the
16 years. And I know the NTSB still has an outsider
17 that kind of monitors what's going on on the
18 database.

19 And then I was reminded also of one of
20 our most current accidents, which I'd like to
21 talk about, which is in Millersville,
22 Pennsylvania. Some of you may be aware of it.

1 We're looking at the failure of a tee joint, and
2 actually a perfection tee, and we've released
3 that information.

4 But we did something different on that
5 which, although it's not information sharing per
6 se, it was a cooperative effort between the
7 industry and the NTSB.

8 The actual tee that was involved in
9 the accident was a tee that was manufactured a
10 number of years ago that's no longer
11 manufactured. So it was a tee for which we could
12 not get exemplars or other copies of the tee. We
13 could not purchase, from the market, copies of
14 the tee to do a whole series of testing that we
15 wanted to do.

16 And with that, we reached out to the
17 AGA. And the AGA kind of being as our front
18 person, reached out to the industry. And we were
19 able to get six of these tees from -- and I don't
20 know who they came from, because the AGA made
21 sure that they were anonymous. We got six of
22 these tees at the NTSB which allowed us to do

1 quite in-depth testing.

2 Now, we've pretty much wrapped up that
3 testing. We haven't published it yet, but it's
4 going to be published here fairly soon. I
5 believe the factual report on the testing is
6 circulating to the parties to the investigation.

7 But then once that is signed off,
8 it'll go on our public docket. And it'll be
9 available. And I will certainly, through the
10 various channels, make sure that the industry
11 knows about that.

12 But for me, that was kind of a great
13 effort. And if any of you are from the companies
14 that provided a tee, thank you. And I think when
15 you see the results, we have some good results to
16 share that I think everybody will benefit from.

17 So that, you know, it's along the
18 lines of information sharing, but it was a
19 cooperative agreement and, you know, that will be
20 published in our accident report and in our
21 docket once we get there.

22 The last main point I wanted to make

1 is that the NTSB also has, through our various
2 studies and investigations, we have a provision
3 that allows us to protect information that's
4 voluntarily submitted.

5 So if you're not part of the pipeline
6 investigation, and hopefully none of you are -- I
7 mean, I'm trying to get myself worked out of a
8 job here -- and you participate in a study or
9 something, that information can be protected if
10 it needs to be protected through the voluntary
11 submission of information. That enables us to
12 not honor any FOIA requests for that information.

13 So with that, I also want to have
14 Sandy talk a couple of minutes about -- on the
15 aviation side, we have had, for a number of
16 years, a voluntary information sharing session.
17 In fact, Sandy has shared a bunch of the
18 information from that with PHMSA on things like
19 ground rules for meetings and how we conduct
20 those.

21 But I'll have Sandy talk a little bit
22 about that to let you know how that works. And

1 that's been a very useful program to the NTSB and
2 the industry as well.

3 MS. ROWLETT: Thank you. As he said,
4 I am Sandy Rowlett, the deputy director. And we
5 came from the aviation industry. But our
6 aviation side of the house participates in what
7 is known as Infoshare. And they are closed door
8 sessions with industry leaders, the regulator,
9 and the NTSB, and we all talk about safety issues
10 that have arisen.

11 They meet twice a year, so it's
12 whatever has happened in the previous six months.
13 The data is all de-identified, so you don't know
14 what company, you don't know what pilot, you
15 don't know, you know, various things that could
16 be attributed to an individual. But then you are
17 able to determine the trends that are happening.

18 Perhaps there's altitude bust at a
19 certain location. But when all these companies
20 are reporting the same thing, then perhaps it not
21 an individual, it's not one company doing
22 something. Perhaps it's a procedure. So that's

1 something then the regulator or somebody else can
2 look into and determine a fix.

3 So the NTSB goes in, we're able to
4 provide data. Again, all the information is de-
5 identified so we don't know who is who. Nothing
6 is being used as punitive in nature, everything
7 is safety only. Participants sign a document
8 that they will not share information, they will
9 not -- they don't take notes. They can't photo
10 copy.

11 There's what's called rules of the
12 road, which I have shared with PHMSA, that may be
13 of assistance as well. And how this helps the
14 NTSB, because we come in, maintain an awareness
15 of what's going out in industry.

16 And we can learn, and help, and share
17 lessons that we have learned earlier in an
18 investigation, stuff that is not yet public but
19 that could be very useful to the industry leaders
20 that could make change immediately. I think
21 that's all I have on that. Muhammed, if you want
22 to get into the safety issues that are --

1 MR. EL-ZOGHBI: Sure. I'm Muhammed
2 El-Zoghbi, the new HAZMAT and Pipeline
3 Investigations chief. I've been in the position
4 for about five months now. So I'm very happy to
5 be here and really appreciate the opportunity to
6 meet everybody and speak to you.

7 I'm just going to highlight some
8 aspects, even from our other investigations, even
9 in hazardous materials. The use of this
10 voluntary information and submission process is
11 really very valuable, and we explored its use in
12 one issue that always comes up, is lithium ion
13 batteries, as many of you may have heard.

14 And we've looked at opportunities to
15 work with some of the independent testing
16 laboratories that do failure analysis and to be
17 able to get data. And this is something that we
18 were, you know, continuing to look at, is to be
19 able to get some of their testing scrubbed of all
20 the people, the names, you know, specific data,
21 in order to sort of identify those failure
22 trends, particularly when you're starting to look

1 at testing protocols and other things like that.

2 So that's just been an asset I want to
3 highlight, not only just in pipeline but really
4 in all of our modes. And we continue to use it.
5 And I think it's really a significant part of our
6 ability to do very meaningful research and work.

7 Now, with regards to the pipeline, I
8 mean, there are several areas where, even with
9 our recommendations, I don't know if many of you
10 are familiar, we issued a report in the
11 Centreville, Virginia, where there were issues
12 related to basically leak detection and dense
13 criteria.

14 And we could see opportunities where
15 we were trying to say -- really pushing that,
16 trying to understand all the other factors beyond
17 just the dense size that may play a role in a
18 failure.

19 And so if it didn't -- and in that
20 kind of data and submission of information in a
21 system, it would be very helpful in order to
22 identify those kind of factors that a regulator

1 would be able to take a look at to really build
2 off of, you know, a new standard or even just for
3 improved analysis and risk management.

4 And so, you know, we really look at
5 all these factors. They're significant. We
6 think this is really a great initiative in terms
7 of that transparency of information and really
8 allowing people to not just work in one area.

9 I mean, this ties back to this issue
10 of Millersville, Pennsylvania. And if there was
11 more information, not only related to the
12 equipment -- and a lot of times there are
13 concerns about, you know, installation versus
14 manufacture, versus whatever practices. Well,
15 when you notice trends, when you get that data in
16 there, you can start really detecting, okay, is
17 this an issue my company has? Is it a product
18 issue, things of that nature. And that's really
19 very critical, I think, for moving safety
20 forward.

21 So those are just some examples of
22 recent accidents that we would really like to

1 highlight how having such a system would be very,
2 very helpful for the advancement of the safety
3 issues that we found.

4 And I guess, at that point, we'd ask,
5 you know, questions, and open, and this is a
6 conversation.

7 CHAIRMAN BURMAN: Dan?

8 MR. COTE: Just a question on that
9 relationship between regulators and the industry.
10 Particularly, you mentioned the FAA example, for
11 example, and you said regulators were in the
12 room. Was that the FAA as well?

13 MS. ROWLETT: Yes, the FAA is the
14 leader of the Infoshare. Yes, they are there as
15 well.

16 MR. COTE: I understand, thank you.
17 That's helpful.

18 MS. ROWLETT: Everything there is for
19 safety, not punitive. And that's part of the
20 guidelines when they come together to discuss all
21 of these things.

22 MR. COTE: Well, and that cultural

1 trust is essential to any process but
2 particularly one that's voluntary. So thank you.

3 MS. ROWLETT: Well, just know that it
4 did not happen overnight.

5 MR. COTE: I understand.

6 MS. ROWLETT: It took awhile for
7 industry to trust the regulator, because it went
8 one day from punitive to the next day, oh yes,
9 everything is fine. We're not going to hurt you.
10 And well, you know, this is my career, this is my
11 livelihood. I don't know if I can trust you.
12 But it developed. And, you know, they gained the
13 trust, and it really works. And you can see the
14 airline safety right now. It's pretty
15 remarkable.

16 MR. COTE: Understand, it's an
17 excellent model. Thank you.

18 MS. ROWLETT: Their goal was to reduce
19 accidents by 80 percent. And they achieved it
20 by working together.

21 MR. EL-ZOGHBI: I'd just like to add,
22 one of the issues that will arise, I know, in the

1 beginning process of any voluntary sharing, of
2 course, you're probably hitting the larger issues
3 that are probably a larger concern for a
4 regulator.

5 But eventually, really, when you
6 whittle through all of that information, you're
7 really going to find that a lot of it's going to
8 get into those areas, those greater areas where
9 really everybody's benefitting from. And so I
10 think that there's an evolution process
11 associated with that information sharing.

12 I used to work at OSHA, and so I come
13 from a -- you know, I understand the regulator's
14 mindset. But on the other hand, you know, I've
15 worked even there with a lot of other
16 organizations to try to get that information.
17 That was a huge obstacle, to try to get good,
18 reliable data on where those problem areas are.

19 And it wasn't necessarily to, again,
20 to penalize. It was trying to figure out where
21 they should be targeting and focusing their
22 energy and efforts. But again, I think there's

1 an evolution that comes with that.

2 CHAIRMAN BURMAN: Any -- oh, I'm
3 sorry, Mark and then Leif.

4 MR. HERETH: Thank you for your
5 remarks there. Building on that comment around
6 the Infoshare that the FAA does and the sharing
7 that you're doing there, what are some of the
8 things that you would recommend that this group
9 thinks about as we're trying to develop that,
10 things that we should focus on but also lessons
11 you learned that you would suggest that we not
12 repeat, or things that we should not pursue so we
13 have the benefit of your learnings?

14 MR. HALL: You know, one of the areas
15 that I would focus on, and I think if you look at
16 what was done in aviation, focusing on, for what
17 might be a company, a very low probability event
18 or a single event that to you appears to be a
19 one-off but sharing those.

20 Because what you may find is that,
21 yeah, you had it once but, you know, ten other
22 companies had it once. And that's where the

1 value can really come in, is that you identify
2 that, yeah, this is an issue. It's low enough
3 probability that an individual company may only
4 see it a handful of times. But when you start
5 looking at it across companies, you see that it
6 has a much higher risk associated with it.

7 And that's one area to kind of focus
8 on. So bringing those things that, you know, you
9 might think is kind of unique and never seen it
10 before, but bringing that to the table and, you
11 know, maybe somebody else has seen that. That
12 can be of huge value.

13 I mean, when we first set up that
14 plastic pipe database, it was kind of the sense
15 of creating, you know, getting all the individual
16 points to see where the trends were. And, you
17 know, doing that would have a lot of value.

18 CHAIRMAN BURMAN: Leif?

19 MR. EL-ZOGHBI: I'd like to add to
20 that. I mean, part of it is that this is a
21 critical part of this SMS. I mean, it plays into
22 the Safety Management System aspect. To a large

1 extent, what you're doing is you're expanding the
2 pool of information you're getting.

3 And then it really allows not just the
4 individual company but also the industry to
5 really look at that aspect of frequency, those
6 components that are critical in that risk
7 management. Now you're really looking beyond
8 what you may know in your sphere, in your
9 experience in that area and really now looking
10 across the board.

11 And so it really, I think, will help
12 significantly in the risk management approach
13 that most companies will end up utilizing.
14 Because then you're able to better understand
15 what others may be experiencing and therefore
16 making better judgement in those risk elements.

17 CHAIRMAN BURMAN: Leif?

18 MR. JENSEN: Thank you. And I do have
19 two questions. They're distinctly different, so
20 I'd like to ask one, allow the answer, and then
21 ask the second. Leif Jensen from Sunoco
22 Pipeline.

1 We live in such a litigious society
2 now. And you articulated the relationship you
3 have with airline operators, FAA, and perhaps
4 other regulators. Could you articulate a little
5 bit more how you were able to establish the FOIA
6 protection that you mentioned?

7 MR. HALL: That was based on the
8 Congress and the Act that set us up, that that
9 FOIA protection was in there. There's other
10 protections that are in there. In fact, our
11 reports cannot be used in a court of law.

12 Also there's a number of protections
13 for what we would -- an NTSB investigator could
14 be compelled to testify to in a court case. In
15 fact we can only really be compelled to testify
16 to actual facts. And it's those facts that you
17 cannot get any other way.

18 And a prime example is if we
19 interviewed somebody in the hospital and they
20 subsequently died, so we might have unique
21 information that others don't have. We could be
22 compelled to testify to those facts. But it's

1 really in the statute that set up the NTSB where
2 the protections exist.

3 MR. JENSEN: Okay, thank you. That
4 helps clarify it. And then my second question,
5 when you first got started, my understanding is
6 not all airlines were onboard, pun intended. But
7 what kind of things did you do to persuade and
8 influence the other airline operators to want to
9 participate, other than the fact that, you know,
10 keeping planes in the air and not crashing?

11 MS. ROWLETT: Well, just understand
12 this is not an NTSB program. The NTSB is joining
13 the FAA and industry in this program. And the
14 airlines saw the benefit of participating and saw
15 the results that were coming in, and saw the
16 trends that, you know, they saw the benefit of
17 just participating. So the FAA also has their
18 voluntary reporting. And everything is also
19 Congressionally authorized. So everything is
20 protected on that side as well.

21 MR. JENSEN: Okay, thank you.

22 CHAIRMAN BURMAN: Eric?

1 MR. AMUNDSEN: Eric Amundsen with
2 Energy Transfer, kind of a follow-up to Leif's.
3 So at the time that Infoshare was, I guess,
4 initiated, did the airline industry, you know,
5 operators and manufacturers, have other
6 information sharing or process sharing that they
7 did outside of Infoshare context?

8 MS. ROWLETT: Not to my knowledge.
9 Civil Aviation Safety Team was developed, the CAS
10 Team. So that was the program that was working
11 to improve safety. And so we just pretty much
12 expanded from there. NTSB was a late comer to
13 it, but they saw the benefit of allowing the NTSB
14 to join in as well.

15 MR. AMUNDSEN: Okay, thank you.

16 CHAIRMAN BURMAN: Anyone else at the
17 table, on the phone, in the audience?

18 (No audible response)

19 CHAIRMAN BURMAN: All right. Can I
20 ask you, Diane Burman, New York State Public
21 Service Commission, your engagement with state
22 regulators before an incident and then

1 afterwards, what do you think can be done more
2 holistically, you know, better, from a holistic
3 perspective, not picking out any one particular
4 state?

5 MR. HALL: I mean, we had, a number of
6 years ago, had seen the value of engaging the
7 state regulators. And we do attempt to, or we
8 have for a number of years now always made the
9 national Napster meeting to engage the state
10 regulators at that point. And when we can, and
11 we're very resource limited, but when we can we
12 also like to attend the regional Napster meetings
13 to engage at that level outside of an accident.

14 The engagement to date has typically
15 been, you know, really trying to explain
16 ourselves to the state regulators, because we
17 don't do a lot of accidents. We've actually done
18 a lot recently, but if you look historically,
19 it's one or two a year. And so I'm sure there's
20 states in the 50 states that we haven't been to
21 yet. So engaging at the state regulator level
22 has been very helpful to us.

1 MR. EL-ZOGHBI: I could add to that
2 too. You know, really a lot of times our
3 engagement ends up kicking in when we're dealing
4 with an incident. We tend to interact and rely
5 heavily actually on a lot of that, speaking of
6 the information sharing, reaching out to our
7 partners at PHMSA -- and I know they have the new
8 accident investigation division -- and also with
9 a lot of the state regulators who are out on
10 scene who tend to get out there a lot sooner than
11 we are able to.

12 And there's a lot of coordination on
13 trying to better understand what the conditions
14 are, what the situation involves. So really
15 working to improve that information flow has been
16 something we've been working on recently. We're
17 hoping to enhance that even more.

18 But we see it's really been a
19 tremendous asset to us in order to better
20 understand, you know, the conditions that are
21 happening with the operator. And they have a
22 better understanding of the day-to-day situation

1 on scene.

2 And so that's just -- I'm trying to
3 illustrate where we try to definitely reach out,
4 not only on accidents we launch on, but routinely
5 ones that we are monitoring we tend to engage and
6 try to enhance that communication and better
7 understand those conditions.

8 CHAIRMAN BURMAN: Does anyone on the
9 phone have any questions or comments? Alan?

10 MR. MAYBERRY: This might actually
11 explain a little bit my ignorance on this topic.
12 But you talked about commercial aviation. What
13 about general aviation as far as lessons learned
14 that could be applied to general aviation?
15 Because isn't the accident rate a bit higher
16 there?

17 MS. ROWLETT: General aviation, yes.
18 They also have a GAJSC, that's General Aviation
19 Joint Safety Committee. And that is with all
20 manufacturers, the FAA, the NTSB. They meet
21 quarterly to discuss accident trends. And I
22 think it's every, yeah, every quarter they talk

1 about every accident that has happened and things
2 that they could -- that could have prevented it.

3 And the manufacturers are looking at
4 different ways that they can put safety equipment
5 on airplanes more efficiently, more effectively,
6 to allow the general aviators to upgrade their
7 airplanes. Because they don't have the 121
8 status in their certificates in the requirements
9 like professional pilot.

10 These are the guys that go out every
11 weekend, but they're trying to do the right
12 thing. But then they're hindered by the
13 regulations. So the FAA is trying to be the
14 kinder, gentler FAA and assisting them in
15 changing the regulations to help that industry.

16 So I don't want to say that the
17 individual pilots go in, but AOPA is there, the
18 Aircraft Owners and Pilots Association that
19 represent all the GA pilots. They're there.
20 Bruce Landsberg, if you know him, he might be a
21 board member soon. But he was very instrumental
22 in that effort.

1 CHAIRMAN BURMAN: Any other questions
2 or comments at the table, on the phone, in the
3 audience?

4 (No audible response)

5 CHAIRMAN BURMAN: Is there anything
6 that you think is most important that we have as
7 a key takeaway?

8 MS. ROWLETT: I think Infoshare is an
9 outstanding idea, and a very worthwhile project,
10 and something to engage in. It is beneficial to
11 all of industry, the regulators, the NTSB,
12 definitely worth trying to do.

13 MR. HALL: Certainly if you look back
14 even before Infoshare, one of the first, what I
15 remember from my early career efforts in this
16 thing, is to look at INPO, the Institute of
17 Nuclear Power Operations where all the nuclear
18 power companies got together to share safety
19 information after TMI. And in that regard, you
20 know, you look at that industry today, and their
21 safety record is absolutely tremendous.

22 But they do share and hold close a lot

1 of information on all sorts of small events that
2 occur at nuclear power plants to look at those,
3 and analyze those, and make sure that, across the
4 industry, that they're addressing those type of
5 issues. So that's kind of a success story. I
6 mean, that was formed in the early '80s and still
7 operates today.

8
9 MR. EL-ZOGHBI: I'll just add, I'm a
10 human factors engineer, and for those who aren't
11 familiar with that, it basically is a real -- in
12 this field there's been a big push for a lot of
13 improved performance information sharing,
14 voluntary submission.

15 It crosses over, not just in, you
16 know, in the nuclear industry, aviation industry,
17 but really there's been a huge push in medicine
18 and other fields where there's really an
19 understanding of the appreciation of this type of
20 information.

21 As I said your highlight -- the future
22 is risk management. I mean, time, money, and

1 other resources are very limited. And any system
2 that allows you to better understand those risks
3 that you're encountering is really the wave of
4 the future.

5 And as I said, just to highlight, I
6 think it's great that we're moving in that
7 direction. I think, again, there're many, many
8 other industries, I think, are recognizing that
9 value and moving in that direction. So you have
10 a huge advocate with the NTSB on this issue.

11 CHAIRMAN BURMAN: Christie?

12 DR. MURRAY: Sandy, you may have
13 mentioned, and I might have missed it, but I know
14 when FAA came in previously and presented, one of
15 the things that they mentioned was that, as a
16 part of their information sharing, NTSB provides
17 information. Could you talk a little bit more
18 about what that looks like?

19 MS. ROWLETT: Certainly. When we
20 attend some of those meetings, as I mentioned
21 earlier, we are able to discuss accident
22 investigation materials. You're in a closed

1 room. The people affected are the industry
2 leaders who can make the change earlier. So we
3 do discuss the accidents a little bit more openly
4 than we would in an open session.

5 CHAIRMAN BURMAN: Thank you. Dan?

6 MR. COTE: That was a very interesting
7 discussion. And it raises an issue that we're
8 grappling with now. And you mentioned a couple
9 of different tendencies in terms of data, number
10 one, the need for confidentiality to have
11 adequate sharing and a good flow of critical
12 information and, at the same time, stakeholders
13 who are incredibly interested in the information
14 being generated and wanting access. And there's
15 an inherent tension in those two concepts. How
16 have you managed that, since we're just now
17 beginning to grapple with it? Any advice for us?

18 (Pause)

19 MR. COTE: I take it that's a no.

20 MS. ROWLETT: Well, no. I mean, it's
21 just a very difficult situation. We do into an
22 accident scene, and we collect a lot of data.

1 And we need to evaluate the data, we need to
2 validate the data. So just coming out and saying
3 this is what we've learned, when we don't really
4 know what we've learned in the first place
5 already, it's difficult to do.

6 So we have to take that data, analyze
7 it, then we write it, and that all just takes
8 time. There's a lot of times where we learn the
9 data, we find something immediately, we can make
10 an urgent safety recommendation, which we just
11 did in one of the recent accidents that we went
12 out on.

13 Another, you know, we could evaluate
14 the information, and we know what we want to
15 share, but we still have to go through the
16 writing process. We need to report, and then we
17 have to get it to the Board. And then in the
18 meantime, they're having an Infoshare meeting.

19 Well, we can talk at the Infoshare
20 meeting and say, hey, this is what we learned.
21 This is what we can discuss. And we can let you
22 all know. It's not public yet, but it's very

1 critical to you. We can't publish it yet,
2 because it hasn't been adopted by the Board yet,
3 if that makes any sense.

4 MR. COTE: That's very helpful. And
5 just thinking about our committee, one of the
6 things that -- one of the things that we haven't
7 built into the process is ongoing meetings that
8 really specifically take a look at the
9 information sharing data that's flowing in and
10 really sort of vetting that in an industry group
11 who is most impacted by any analysis that's done.
12 So that may be a component we want to think
13 about, just, Madam Chairman, and --

14 MS. ROWLETT: Well, and as Robert said
15 earlier, we may find that one-off item. Okay,
16 well this is a one-off. It's not going to happen
17 again. We come to an Infoshare and somebody
18 says, oh yeah, that happened to me last month.
19 This happened to me three months ago. Now all of
20 a sudden it is something that we need to address
21 with a safety recommendation, maybe an urgent
22 safety recommendation. But to us, it was, oh, we

1 only saw this. You know, it wasn't a big to-do.
2 But sharing that information changes that trend.

3 MR. COTE: And I suspect that there
4 are fewer one-offs than originally thought.

5 MS. ROWLETT: Right.

6 MR. HALL: Yeah, I want to give you
7 another recent example of where we had to go
8 through a lot of hoops to get information out
9 early. But it was very helpful to the industry.

10 About a year ago, there was a chlorine
11 tank car failure in New Martinsville, West
12 Virginia, dumped the entire contents of a
13 chlorine tank car. A pretty significant
14 incident. We found a number of issues that the
15 industry needed to follow-up on, but the idea was
16 how do we tell the industry what happens so that
17 they can follow-up.

18 The Tank Car Committee meets not that
19 frequently. And we had a Tank Car Committee
20 meeting coming up. So as kind of a quick answer,
21 we took our preliminary reports, which we issue
22 on some accidents, and we issued a very lengthy

1 preliminary report just days before the Tank Car
2 meeting so that we could make that information
3 public.

4 If we had a closed meeting where
5 people had signed non-disclosures and had rules
6 of the road, we could have more easily
7 disseminated some of that information without
8 having to go through our processes of actually
9 vetting and publishing a report to get that
10 information out.

11 MS. ROWLETT: As we speak, that report
12 is not yet published. And this was, what, a year
13 and a half ago we're talking?

14 MR. HALL: Yeah, about a year and a
15 half ago.

16 MS. ROWLETT: So everybody would still
17 be waiting for the information because of our
18 process. And, you know, we want to be thorough,
19 and we have limited staff. We have two HAZMAT
20 investigators who have quite a workload. So we
21 do the best we can, but having Infoshares and the
22 non-disclosures, it's very helpful. It improves

1 safety.

2 MR. EL-ZOGHBI: And I'd add that, I
3 mean, we've done that with a lot of associations
4 and organizations, you know, AAR. I know we're
5 dealing with that with the Compressed Gas
6 Association with some various issues where we can
7 set up situations where we can discuss, early on,
8 some of our concerns and have the committees work
9 on those issues instead of waiting until the
10 final report comes out.

11 But again, part of that is that
12 confidentiality aspect. I think we're in a
13 unique situation where we have a very organized
14 structure for that. But it's been a tremendous
15 asset.

16 MR. COTE: That's very helpful and
17 food for thought for our committee. Thank you.

18 MS. ROWLETT: Well, the other benefit
19 of that as well is, when we do find a safety
20 issue, there are times we have to write a safety
21 recommendation that may go to PHMSA, may go to
22 the industry. We go to these Infoshares. and

1 everyone says, oh, I see that problem. I'm going
2 to address that right now. It takes care of --
3 we don't have to write those letters. The safety
4 initiative gets completed much faster. It's a
5 big win.

6 MR. COTE: And you reduce risk.

7 MS. ROWLETT: Absolutely.

8 MR. EL-ZOGHBI: Exactly, urgent issues
9 are tackled. And, you know, the concern is
10 addressed rapidly. And, I mean, we have multiple
11 examples of how that's really worked very well
12 for our organization.

13 MR. COTE: Thank you.

14 CHAIRMAN BURMAN: Thank you. Any
15 other questions at the table, on the phone, in
16 the audience? Oh, one more, please.

17 MS. ROWLETT: Just really quickly, if
18 you ever want the NTSB to come, if you have
19 stand-down trainings, if you have executive
20 meetings, if you have any types of meetings that
21 you think the NTSB would -- you could benefit
22 from an NTSB speaker, feel free to contact us.

1 And we will try to get out to speak
2 with you, talk about what the NTSB does, how we
3 do our work. So if, unfortunately, we do have to
4 meet with you, you know what to expect. So just
5 putting that offer out there.

6 MR. HALL: And just to give you some
7 information on something that's coming in the
8 future, we're currently in the process of
9 developing a database of all of our accidents, a
10 searchable database that we can search on issues.
11 So that'll probably be out in the next year or
12 two. We're in the development phase now.

13 Unfortunately, the pipeline is kind of
14 the last of the modes that we're looking at, but
15 that'll be -- we think it'll be hugely helpful.
16 Because right now, when we do a search, I mean, I
17 have all the reports for all the years in file
18 cabinets. And it's literally going through
19 report by report. And I believe there's about
20 300 pipeline reports. So look for that in the
21 future.

22 CHAIRMAN BURMAN: Okay, great. Any

1 other comments or questions at the table, on the
2 phone, in the audience?

3 (No audible response)

4 CHAIRMAN BURMAN: Now with that, thank
5 you. This was very, very helpful. And I
6 appreciate your dedication. And as you said, I
7 hope that one day your job is outdated.

8 (Laughter)

9 CHAIRMAN BURMAN: And right now, we're
10 not going to take a break. We're going to move
11 right into our next presentation. And then after
12 that, we'll take a break, right. We're just
13 switching right now. And we're going to have our
14 next presenter up here. I'm going to turn it
15 over now to Christie to introduce our next
16 presenters.

17 DR. MURRAY: Okay, just a public
18 service announcement. Someone dropped their
19 hotel room key in the door. So check your
20 pockets. If you're missing your room key, there
21 is one here that might work for your door, or
22 somebody else's.

1 Okay, so next up we have the Pipeline
2 Research Council International. Cliff Johnson
3 here to my left and one of his colleagues which
4 I'm hoping he'll introduce --

5 MR. JOHNSON: And I will.

6 DR. MURRAY: -- who will be joining us
7 next to hear share some good information on
8 pipeline industry data.

9 MR. JOHNSON: Well, good afternoon.
10 And thank you very much, Dr. Murray, I appreciate
11 the invitation and look forward to presenting to
12 you guys this afternoon. We have about 13 or 14
13 slides to go through. But if you have questions
14 along the way, please feel free to interrupt
15 either myself or Walter Kresic.

16 Walter Kresic is the current vice-
17 chair for PRCI, and his day job is with Enbridge
18 as a vice-president of Research and Development
19 and Integrity. So with that, let me get into
20 presentation mode.

21 What we'll do is I'll walk through the
22 overview of PRCI, introduce you to the

1 organization. And then I'll turn it over to
2 Walter to talk about some of the specific
3 activities that we think have value to this
4 committee and what we're doing here today.

5 The Pipeline Research Council was
6 founded in 1952 as a part of the American Gas
7 Association. And then in 1999, we spun out as an
8 independent non-profit to really address a global
9 industry, not just the natural gas industry but
10 also now gas and liquids.

11 When you look at the chart that I have
12 on the screen now, we are the only organization I
13 found in North America who represents both
14 natural gas, crude oil, petroleum products, bio
15 fuels, CO2, and their facilities. So it's the
16 full asset base for the pipeline industry, and we
17 look at the totality of the industry which is a
18 very unique opportunity.

19 When you talk about research, the key
20 thing in my mind is deployment and transfer. And
21 so today, as part of that story, is deployments
22 that we've done and sharing with you where we are

1 in this life and what we believe can be gained
2 from that research.

3 The Council I always go to, and it's
4 important for me to state, because we do have the
5 access to some of the best researchers in the
6 world, not just in North America but around the
7 globe, as well as our membership base. As you
8 can see, there is international membership. We
9 have operators from China, from Latin America,
10 from Asia, from Europe, all involved in PRCI.

11 Our organizational mission is to
12 deliver relevant and innovative applied research
13 to continually improve the global energy pipeline
14 systems. As you will see in a few minutes, the
15 projects we're talking about are things that
16 we've been working on for several years now and
17 really believe that we're going to be able to
18 move forward in the industry and to continually
19 enhance what we're doing today.

20 Currently, the membership of PRCI,
21 which I think is important to let you guys know,
22 is that we have 33 operating companies involved

1 in PRCI, both on the natural gas and liquid side.
2 We also have four sister-organizations that are
3 involved as members, the American Petroleum
4 Institute, Association of Oil Pipelines, the
5 Canadian Energy Producers Association, and the
6 Operations Technology Development.

7 The last one is where we bring in the
8 distribution side of the business. That company
9 there represents a lot of activities on
10 distribution side, or that association, I should
11 say, and they bring that representation to our
12 organization. So now the portfolio includes
13 transmission lines and discussions about
14 distribution assets as well.

15 We also have 37 associate members.
16 These are the tool and solution providers,
17 regionalized inspection, NDE, and so forth. As I
18 mentioned, we're a worldwide organization with
19 operations across the globe.

20 At this point, I used to show a map
21 for those of you who play RISK, like to have
22 world domination and show all the member

1 companies. But I've pulled that out, because it
2 was a little bit kind of negative, so my members
3 didn't like me showing risk and world domination
4 from a PRCI point of view. I wasn't going to
5 keep going on it, so I dropped that map.

6 But here's a pie chart. And to the
7 right is a list of company names. And so you can
8 see some of the individual members there, and the
9 breakdown by membership location. We're still
10 very heavily North American. Again, we were
11 founded by the American Gas Association. Our
12 membership is mostly here, but there is a growing
13 drumbeat in the international community. Since
14 I've been at PRCI, the international membership
15 has grown about 25 percent, and we continue to
16 see that flourishing.

17 One of the things that I'm excited
18 that we've developed in the Technology
19 Development Center, and it kind of fits with this
20 discussion that we're having in a unique way,
21 what this is is a bricks and mortar asset that
22 helps us test and validate tools against

1 indicated capabilities.

2 On the right hand side, there's three
3 parallel pull strings that we've established
4 where the tools can run through at real speeds to
5 verify their capabilities. One of the important
6 things for the industry is what can the tools
7 really do. This site begins providing that
8 opportunity.

9 We have over 1,500 pipeline samples.
10 The majority of those are real world samples.
11 Why is that important is that a lot of the
12 research is on manufactured defects, which are a
13 little bit easier to understand than complicated
14 interacting threats, which we now have in this
15 yard.

16 The pull strings, we have the
17 opportunity for four parallel pull strings that
18 are plug and play. So we have diameters from six
19 inch up to 32 inch. We actually pulled a 42 inch
20 string last year, so we know we have capabilities
21 for larger.

22 We've also recently put in two-

1 parallel flow loops that allow us to do difficult
2 to inspect, some of the things we talked about
3 with technology. It doesn't do a lot of pinging,
4 but how else do you inspect your pipelines, as
5 well as leak detection and other activities.

6 So this is a hard brick and mortar
7 asset, as I said, to begin talking about how do
8 we test and verify our tools. How do we prove
9 what we know is as good as we think it is. And
10 then from there, what level of development do we
11 need to continue to ensure the safety and
12 integrity we want to have. How do we grow going
13 forward?

14 So this is kind of where I'll stop and
15 hand it off to Walter. And we'll talk about some
16 of our projects that we're doing currently. And
17 as we begin to enhance and assess the industry,
18 where do we go to continue to develop and push us
19 forward? Walter?

20 MR. KRESIC: Thanks, Cliff. Hello,
21 everybody. So the Pipeline Research Council
22 International, really the entire intent of the

1 organization is collaboration analysis and
2 information sharing. It's all of that supply
3 chain is what the organization is entirely about.
4 That's it's fundamental.

5 And many of the best technologies and
6 practices within our industry were the result of
7 work that came out of the Pipeline Research
8 Council International. You'll see, you know,
9 throughout the Board a broad mosaic of things
10 that came from PRCI at the outset.

11 And onscreen are the wheelhouse of the
12 skill set within PRCI. It's really a technical-
13 based organization that looks at the full life
14 cycle of pipeline design, construction, and
15 operations. So that's the scope that PRCI is
16 responsible for.

17 And over the many years, because
18 PRCI's been in place for, how many years, Cliff,
19 so almost 70 years, many projects have been done
20 and a great amount of information and data has
21 been amassed in that organization.

22 And so right now PRCI, being familiar

1 with collaboration, analytics, and broad sharing,
2 still sees the opportunity for improving upon
3 all of that. And there's two ways that it wants
4 to improve. One is with the improvement to
5 accessibility of the information. And I'll talk
6 about that a little bit more.

7 The other is the way the information
8 is gathered. Presently, projects are conducted
9 in discrete sets of goals. So a project is
10 needed, the project is completed, data is
11 generated and made available in the library of
12 PRCI.

13 PRCI is looking at doing things a
14 little differently where, rather than creating
15 just a final library of any one discrete project,
16 we have ongoing inputs coming in and making
17 information continually being updated on very
18 critical types of variables.

19 So rather than having a completion
20 project sit on the shelf at the PRCI library, or
21 made available to everybody, but just as a
22 discrete activity, there are certain kinds of

1 variables that will need continual updates and
2 continual analytics. And so that's some of the
3 changes that we see as a modernization effort.

4 So we're starting here with a little
5 bit of a roadmap of what PRCI's intending to do
6 on its own to improve its organization. Right
7 off the bat, there's a data project on one of the
8 most critical kinds of technology that PRCI is
9 investigating, in-line inspection.

10 And actually, what's happened came out
11 of the National Transportation Safety Board
12 investigation of an oil pipeline failure, an
13 Enbridge pipeline failure. And investigation
14 came up in 2012 by the NTSB that had a
15 recommendation for PRCI that PRCI would need to
16 do additional research on in-line inspection
17 technology.

18 What PRCI chose to do was to kick off
19 a data mining effort to look at the thousands and
20 thousands of miles of pipelines that have been
21 inspected, gather the data from the operators,
22 and start to understand the reliability of all of

1 that data in one banked source of information.

2 And I'm going to talk about that some
3 more, because there were some very interesting
4 learnings from that approach. Because it wasn't
5 just about doing the research on the technology
6 that PRCI was interested in. It also saw that as
7 an opportunity to look at how data mining and
8 sharing is conducted. I want to get to that. I
9 think you'll find that interesting.

10 Secondly within the roadmap, as you
11 know, as we've been describing, PRCI already
12 serves a very powerful role within industry. But
13 it's seen that greater industry coordination can
14 strengthen and empower us even further.

15 For example, through greater
16 coordination, we can look at better pooling of
17 funds and our resources. And just in general,
18 working together makes a lot of sense. And
19 that's an opportunity we see.

20 On the third bullet point, there's
21 already a variety of tools, systems, and
22 organization elements within PRCI. But again,

1 there's an opportunity to modernize. And so
2 we've got the president of PRCI, Cliff here, very
3 focused on this initiative.

4 I'm set out now as an executive
5 sponsor within PRCI to look at the modernization
6 effort for collaboration and sharing. And then
7 we plan to set out a little team within PRCI to
8 look at what else can be done. And of course,
9 we'll ultimately merge with whatever industry
10 approach is grown out of the effort here today.

11 Finally, Cliff talked about the
12 Technology Development Center. We've stepped
13 ahead a little bit and we see that, in order for
14 sharing, and collaboration, data gathering, and
15 so on, to modernize, it's going to require some
16 enhancements to the business structure.

17 And much like the Technology
18 Development Center warehouses materials for
19 research, the Virtual Technology Center will
20 warehouse information and data. And the idea
21 there, as has been discovered, is that the front
22 end of the collaboration, and sharing, and

1 learning, and analytics is very slow at the
2 beginning.

3 There's an inertia in the ramp up to
4 getting things kicked off. And with the
5 Technology Development Center having pipe
6 materials and facilities available, it's allowed
7 research to become quicker and more effective.
8 That's the plan.

9 From the Virtual Technology
10 Development Center side, basically warehousing
11 the data, a lot of the stuff that impedes or is
12 inertial to success is going to be removed,
13 because we'll have the ready-made systems, and
14 tools, and data readily available. And I'll talk
15 more about that in my example of the data
16 project.

17 So the next thing on screen, the graph
18 that's shown on the bottom right-hand side is a
19 very typical expression of how in-line inspection
20 devices -- and for those of you that aren't
21 familiar with in-line inspection devices, they're
22 large and sophisticated pieces of equipment that

1 contain sensors, ultrasound, ultrasonic sensors,
2 or use magnetics and other kinds of sensor
3 devices that measure the condition of the pipe.

4 There's onboard data storage, and the
5 data collects terabytes of data, and greater in
6 some cases. There's batteries, and so on, and
7 it's pushed along by the fluid within the
8 pipeline system. So it's a very, very critical
9 piece of equipment for the pipeline industry.

10 So the graph is just one way that
11 operators and our vendors use to examine the
12 reliability of the equipment. They measure the
13 results that the tool reports, and then they go
14 out into the field, they expose the pipe, and
15 they compare what the field shows. And now you
16 can get a plot on whether the tool was reporting
17 things as expected. So it helps us to find
18 reliability. It's very generic, this graph.

19 And that essentially is what this
20 project was about, was looking at the thousands
21 and thousands of miles of pipe that had been
22 inspected with certain kinds of inspection

1 technology and comparing it to what was actually
2 found at the pipe once the pipe was exposed. And
3 now we're providing that information out to our
4 operators and to the research community to see
5 what kinds of things can be improved upon.

6 In all of this, we found some very
7 interesting things, and we prepared for some very
8 interesting things. We knew, for example, that
9 gathering this amount of data was very difficult,
10 and it comes down to some simple convenience
11 factors.

12 To go to the operators and have them
13 be ready to supply the data often takes time. So
14 we did some basic things like have third party
15 experts go to the operator sites, work with the
16 operators, and gather their -- work with them to
17 gather their information. And this kind of
18 enabler allowed us to get the information more
19 quickly. It also did things like assure the
20 quality of the information at the front end.

21 We get stuck in the research industry
22 a lot just trying to sort through the quality of

1 the information. And so we tried to push the
2 quality as upstream as we possibly could. And we
3 found that, in the end, we were able to gather
4 huge amounts of information and bring it together
5 very quickly in a data structure.

6 Now, going forward, some of the other
7 learnings that we have from this is we've created
8 the data structure. And now the technology
9 transfer will be to get the operators to start
10 collecting their data within this structure so
11 that we don't have to go into their shop.
12 They're ready to plug and play.

13 So there's actually quite a list of
14 these kinds of convenience and quality management
15 details. You know, they're not very exciting in
16 a way, but they really matter a lot. It's the
17 devil in the details in the success of
18 information gathering and collaboration that we
19 looked at.

20 So it's a deeper dive into what makes
21 things successful. And that's what this data
22 project has all been about. We're working on the

1 technology definitely, but it's this culture of
2 sharing that we're examining.

3 So then, you know, as I described,
4 this next slide just basically is to message that
5 PRCI has a lot of relationships with basically
6 all of the industry stakeholders in one way or
7 the other. We all know each other, and there's
8 direct affiliation with basically every key
9 agency and stakeholder out there. I'm not
10 listing them all on screen here.

11 And there is an industry framework to
12 some degree already. We do share, we do
13 collaborate, we do analytics. Where we go next
14 as a community is the question that you are all
15 analyzing. And PRCI stands ready to plug and
16 play into that. We have the systems, and the
17 tools, and the resources. We're already
18 modernizing for our own purposes. And we're
19 confident that wherever this committee goes
20 there'll be PRCI standing ready to support and
21 align.

22 So I'm kind of summarizing now with

1 this last slide. This is the compelling case to
2 why PRCI plugs in very well. There's already a
3 deep skill set technically, lots of information
4 available.

5 It's already recognized as an
6 objective provider of information and sharing,
7 already strong relationships with all the
8 stakeholders mentioned and part of the community,
9 and has an organizational structure already
10 mature but looking to modernize further. Because
11 we see the opportunity out there for many
12 reasons.

13 And then finally, if there was some
14 key takeaways, that question was asked of the
15 NTSB, it's those items that are on screen. I
16 think I spoke to them all already. And now I
17 guess we'll leave it open to any questions.

18 MR. JONES: I have one.

19 MR. KRESIC: Yes?

20 MR. JONES: Hi, Walter Jones. Do you
21 see any difference between your foreign or
22 European pipelines and American?

1 MR. KRESIC: That's a very good
2 question. I'd say that they have different
3 drivers. There's different drivers from around
4 the world, different eras that pipelines were
5 built, different markets that are served,
6 different operating circumstances and so
7 different regulations, all of these things.

8 I think ultimately, everybody shares
9 the same bottom line in that we don't compete on
10 things like safety. We're very common that way,
11 we're all open to seeing safety and then
12 competition when it comes to bringing information
13 to the table, and collaborating, and sharing.
14 The safety side doesn't draw competition.

15 In terms of readiness to supply
16 information, I would say there's pretty similar
17 all across the board. Data is data, and around
18 the world managing data and information has
19 complexities.

20 Legalities, I'd say that there are
21 some maybe minor differences. But all in all,
22 you know, I think one blanket approach would

1 serve everybody.

2 To say it in a short way, I don't see
3 a lot of difference. Maybe the differences are
4 more operational and tactical at a technical
5 level. But from a data sharing, collaboration
6 viewpoint, I think everybody comes to the table
7 very similar. But I'll ask Cliff to give his
8 view.

9 MR. JOHNSON: What we're seeing, the
10 operations around the world, at US and Europe,
11 have a lot of similarities. And in keeping, the
12 maturity of our systems is very similar.
13 Whereas, you go to Asia and Latin America, the
14 systems are much younger. In Asia the systems
15 maybe are ten years old. And so their concerns
16 and issues are very different.

17 When you talked about Europe versus
18 US, operationally it's a very similar system.
19 And the questions that we're having, in-line
20 inspections, quality enhancement, are uniform
21 across both continents.

22 MR. JONES: Can I follow-up?

1 MR. JOHNSON: Please.

2 MR. JONES: There's something you said
3 there I want to -- because I hear this a lot,
4 that you don't -- you don't use safety to
5 competitive advantage. Why not?

6 MR. KRESIC: It's not a barrier that
7 anybody is demanding. I mean, we know that, you
8 know, when you talk about safety on a critical
9 infrastructure, it's very much an engineering
10 vocation. And in that engineering vocation, it
11 comes down to risk analysis, reliability
12 analysis, and information. When you have the
13 information, now you've removed uncertainty. And
14 in order to get that certainty, the more
15 information the better.

16 MR. JONES: Yes. Because, you know,
17 we all say we're faster, we're stronger, we're
18 better, we're cleaner. But we won't say we're
19 safer.

20 MR. KRESIC: I think we do. In the
21 pipeline industry that's, you know, something we
22 try to communicate as well as we can. We show

1 how the history has changed with the technology
2 advancements over time. So I think we are saying
3 that we're safe. We know we're safer. I think
4 all critical infrastructure, not just pipelines,
5 have become safer.

6 CHAIRMAN BURMAN: Leif? Actually, Dr.
7 Murray, you were next and then Leif.

8 DR. MURRAY: First, thank you for
9 joining us and presenting. My question is
10 related to the various data sources and types of
11 information that you currently collect. How do
12 you make sense, from a data analysis standpoint,
13 with those various types of, you know, pieces of
14 information and data, how do you make sense from
15 an analysis standpoint to be able to draw those,
16 you know, the kind of conclusions that you
17 generally see?

18 (Off the record comments)

19 MR. KRESIC: Data does come in many
20 shapes and forms. And really you can't get
21 distracted by the variants. The beginning is to
22 define what it is you want to accomplish. And

1 once you define what the end game is, now you
2 start to work with the data to organize it.

3 And then you find that maybe not all
4 of the data supports your goal. And so you park
5 it, perhaps, for future benefit. Somebody may
6 find additional utility from that information.
7 But ultimately it starts from knowing what you
8 want to achieve. And then from there, it's just
9 building.

10 MR. JOHNSON: Yes, the other thing
11 we've begun to do too, in some cases we've
12 actually begun to push for some sort of
13 standardization. On the NDE side difficult,
14 excuse me, non-destructive evaluation site
15 testing for in the ditch, we have begun working
16 with the providers there to standardize the
17 report formats to begin to have a similarity in
18 reporting structures.

19 And it doesn't mean all the data is
20 the same, but the structure is similar. So we
21 get enough points where we began to access that
22 and understand what we were seeing. But that is

1 a challenge the industry has. Sometimes it is
2 trying to figure out how you marry an in-line
3 inspection run from one vendor to another is a
4 challenge.

5 But we are beginning to see it, as
6 Walter said, a better understanding of how to
7 pull even those different reports together to
8 understand the data in a uniform way. Sometimes,
9 like he said, some data will be put off to the
10 side that may not be germane to the conversation
11 that we're having. But we'll continue to use
12 that in other formats and other features as we
13 move down the road.

14 CHAIRMAN BURMAN: Thank you. Leif?

15 MR. JENSEN: Thank you. Leif Jensen
16 with Sunoco Pipeline. Once again, I have a two-
17 part question. So I'd like to ask the first one
18 first and then the second after you answer.

19 One of the aspects we're dealing with
20 is to have a secure environment for participants
21 to share information. And, you know, when I look
22 at the PRCI, I see it as, you know, essentially a

1 private community between vendor and operator.
2 So the operator security isn't too much of a
3 concern. If you could articulate a bit on how
4 you protect the proprietorial information between
5 the vendors that are members of PRCI?

6 MR. JOHNSON: Actually, we've done a
7 couple of different projects in various different
8 ways. And it depends on how the project is being
9 set up. And so if we have four or five vendors
10 in the same space that we're trying to test and
11 do, we actually blind the data for each
12 individual vendor.

13 And so at the end of the day, when the
14 report comes back out, those featured in the
15 report will know who they were. Say they were
16 Subject A. But B, C, D, and E will not be
17 revealed to them. So they'll know their own
18 data, but they won't know the other operators or
19 other vendors data, I should say.

20 So we've been very good so far at
21 having a large amount of success at blinding
22 data, both from the vendors and from the

1 operators perspective that way. Before any
2 project, that was a chief concern, to make sure
3 the data came in blinded and that maybe we made
4 sure we had both the operators and the vendors
5 restricted access only.

6 And so we went out of our way to do
7 that until the final report comes back out. It
8 doesn't talk about individual suppliers of tools,
9 but it talks about the tools generically, how
10 they perform in this environment versus the
11 defect we're trying to find.

12 MR. JENSEN: Okay, thank you. And
13 then kind of a follow-up to that. You know, in
14 looking in the training environment, in the event
15 that you find something that is worthy of all
16 operators and vendors to learn, do you have a
17 mechanism by which you can cascade that
18 information out and train the other operators
19 without compromising their proprietorial data?

20 MR. JOHNSON: That's a great question.
21 And historically, PRCI has not done a lot of
22 training or pushing out beyond a finished report.

1 That has begun a new part of PRCI just in the
2 last couple of years of how we try to transmit
3 the knowledge and knowledge transfer.

4 We do now appreciate, we always have,
5 I think it's just better understood that we need
6 to be better at pushing out knowledge than we
7 have in the past. And now we really have a focus
8 on that and really making that an opportunity.

9 And what we do is, again, we're not
10 revealing the operators or the vendors, but we're
11 just talking about here's what we're finding,
12 here's what we're seeing as trends. Here's the
13 concerns that you may or may not be running into.
14 Or if you're trying to figure out how best to
15 operate your system, here's the environments
16 where these tools are these activities worked
17 well. And here's where they were limited. And
18 here's how we went forward on that.

19 So that's the kind of activities that
20 we're doing to begin transferring that knowledge,
21 because it's a critical part of the story now.
22 It's being more aggressive and more assertive

1 with that transfer of knowledge.

2 Historically, association worlds
3 generically, we believe our members will get
4 everything they need just by being members.
5 Reality is that's not how the world works
6 anymore. People need to be pushed to more. And
7 then being -- just being assumed that they're
8 passively receiving stuff. And so PRCI too is
9 changing to make sure there's more of a
10 consumption by pushing out the right information
11 at the right time. Does that answer your
12 question, Leif?

13 MR. JENSEN: Yes, it did. And I'd
14 just like to comment to the VIS group as a whole,
15 as we think about marketing this product that
16 we're creating out to all of operators and
17 vendors, what we just heard was using a case
18 study of success and being able to articulate
19 that as an incentive and motivation for other
20 operators, other vendors, to want to belong. So
21 thank you for sharing that.

22 MR. JOHNSON: And that's a great

1 point, because not only are they're sometimes a
2 success, and then you show a failure too, but it
3 gives a learning that shows how you can improve
4 your systems. And that's the draw for other
5 participants into our program, into the database,
6 even the members inside PRCI.

7 Not everybody joins every project all
8 the time, but sometimes after the fact, there'll
9 be more people ready to get involved once they
10 see the results and the outputs of an activity
11 and to say this is a win. This is something that
12 can achieve my operations.

13 CHAIRMAN BURMAN: Great, thank you.

14 Mark?

15 MR. HERETH: Thank you for your
16 presentation and your thoughts there. The folks
17 that actually put the initial thinking into this
18 concept and really got it baked into the
19 legislation, one of their expectations was that
20 this process that we're exploring would help to
21 leap us ahead to find some breakthroughs that
22 we're not seeing today, that we've moved beyond

1 the sort of operator/service provider one-on-one
2 relationship.

3 What are some of the things, for
4 example, if you guys were doing this, what are
5 some of the things you would do to help make some
6 of those things happen, to make them real?

7 MR. KRESIC: I think in general when
8 you make the information readily available and
9 easy to understand, it starts to self-generate
10 new ideas for improvement. You get almost like
11 this geometric growth of knowledge interest.

12 And, you know, that supply chain at
13 the front end that we talked about with the data
14 readiness and all these details, once you start
15 to remove some of those inertial components, if
16 you really think about what they might be, it's
17 amazing how fast things go.

18 So as an example, on that case study
19 we have to really knock on doors to get, you
20 know, people ready. But now it's become so
21 convenient they're knocking on our doors. And
22 they're not only saying they want to give you the

1 information, they're coming up with new ideas,
2 because they can see what the learnings have
3 been. And you get the power of the many starting
4 to act on it. And it just starts to grow
5 geometrically.

6 And so, you know, we're not starting
7 from square one. The world's pretty advanced
8 already. But we see it, we're learning, we can
9 do so much better.

10 MR. HERETH: If I can comment on that,
11 one of the things that I take away from your
12 comments then is we shouldn't try to bake too
13 much into what we expect. But it's almost as
14 though it's important to create the environment
15 as much as it is anything else.

16 MR. KRESIC: That was my point.

17 MR. JOHNSON: Yeah, what you're doing
18 now, what we're doing now is the industry is
19 changing the culture. We're changing the culture
20 from one-on-one to many.

21 And we've already seen, just with the
22 TDC in its short life, it opened in 2015, and now

1 with the project that Walter talked about, we're
2 already seeing vendors change specifications
3 because of their involvement in the projects.
4 And they're already changing from learnings
5 they've gotten already in this short amount of
6 time we've had these two things active.

7 So we know, as PRCI, this was the
8 right thing to do. We need probably to continue
9 to do it, and kind of expand, and publicize it
10 better, but I think this is where we need to go
11 as an industry. If we're going to begin
12 enhancing it, we have to enhance together. And
13 this begins to do that.

14 I mentioned the TDC and the pull
15 strings, our first -- and that was actually a
16 partnership with PHMSA. PHMSA co-funded that
17 development of the pull strings. And the first
18 thing we did is, in response to the NTSB
19 recommendation, is begin pulling tools against
20 stated performances.

21 And initially, we didn't get all the
22 vendors. But since then, we've seen vendors come

1 around and go, you know, I'm willing to work with
2 you now. Because they see how the project went,
3 saw the results, and see the value in having that
4 conversation.

5 And I think you're going to see that
6 more and more as you create the new culture of
7 sharing differently which is what we're trying to
8 do at PRCI with the two projects we have. We're
9 beginning to have a different story. The
10 drumbeat's different. And instead of saying I'm
11 going to go by myself as whomever and work with
12 my vendor directly, we're saying continue doing
13 that, but let's think globally. How do we begin
14 talking different? That's what we're seeing.

15 MR. KRESIC: Yeah. I just wanted to
16 add, like, in terms of culture, it doesn't just
17 grow on a tree. It's got to be something that
18 you're designing through steps that, in the
19 culture, is what you get at the end on its own
20 once you facilitate your needs. So, you know,
21 the president of PRCI's got to focus on this
22 right now.

1 CHAIRMAN BURMAN: Eric?

2 MR. AMUNDSEN: Eric Amundsen with
3 Energy Transfer. Probably a question to both
4 Cliff and Walter, but maybe describe some of the,
5 you know, the mechanics, maybe the mundane
6 details, but some of the details in what it
7 takes, you know, what's the price of admission,
8 who funds the work? How does that funding get
9 accomplished?

10 Talk about maybe some of the
11 challenges like the volunteer commitments that
12 are needed and not always gotten, perhaps, but
13 kind of the, you know, the mechanics of how
14 projects within PRCI work, how the funding works.
15 You know, where does the intellectual property
16 come from, some of those?

17 MR. JOHNSON: So truth in advertising,
18 Eric's a past chair, so that's the inside
19 baseball question. That's awesome, thanks, Eric.
20 Appreciate that. But, no, those are good
21 questions. And PRCI is a voluntary body, as all
22 associations are in the United States. And so

1 the members who join PRCI have chosen to be here.

2 Right now, as an operator, there is a
3 base fee, plus a per mileage fee. And that's
4 your membership too. For the vending community,
5 there's a set fee for them to come in and
6 participate.

7 And roughly, on an annual basis, PRCI
8 is about \$10.5 million to \$11 million annual
9 budget for research, total, to give you an idea
10 of what our scope is, kind of somewhere where
11 PHMSA R&D level is currently today. So it's not
12 a massive organization, not a huge research body,
13 but it is a very productive and useful
14 collaborative approach.

15 For these individual projects, the TDC
16 is supported by all the members. On the base
17 membership fee, there is now an assessment for
18 the TDC to be funded for. Whereas the work that
19 Walter was talking about was a project. We have
20 projects within PRCI, and they're funded
21 individually.

22 And the members got to choose if they

1 wanted to be part of that project. And not
2 everybody was. A lot of people were. Not
3 everybody funded it. But even if you didn't fund
4 it, as a member of PRCI, you get the benefits and
5 the access to that knowledge. And that's really
6 how the tool works fantastically for us.

7 So in Walter's project, I want to say
8 in D4, and you can correct me if I'm wrong, but
9 think between the three or four years now, four
10 years that we're into it, it's about \$2 million
11 total investment for that particular project.
12 And it's taken a considerable amount of man
13 hours, especially from Walter himself and
14 Enbridge driving it. They've been the volunteer
15 drivers.

16 It is driven by a volunteer
17 organization. The staff at PRCI is only 13. So
18 we're very lean, and very mean. But we do look to
19 the volunteers. And the volunteer hours are
20 critically important, and so a project Walter's
21 probably took anywhere from, would you say
22 conservatively, 200 to 500 yours total so far,

1 volunteer-wise, maybe even more?

2 MR. KRESIC: Yes, I would say.

3 MR. JOHNSON: Yeah, and so that's kind
4 of what we're looking at. And so it's a pretty
5 significant investment. But as Walter said, PRCI
6 and the industry has said these are critically
7 important activities. And we're willing to come
8 around behind them with manpower, with resources,
9 and dollars. And that's critical.

10 So I think what you're talking about
11 here is in line with where PRCI is going. We are
12 not the ultimate answer. We don't have
13 everything done yet. But these two projects are
14 a great step forward. And it's not the final
15 final. But I think we've got a lot going in the
16 right direction that we'd love to help support
17 what you're doing and see how we can make this
18 work together. Did I answer everything, Eric,
19 did I miss anything?

20 MR. AMUNDSEN: Thank you, sir.

21 CHAIRMAN BURMAN: Walter, did you have
22 -- not you, Walter --

1 PARTICIPANT: No, I had some actual
2 funding questions, but I think Eric covered it.

3 MR. JOHNSON: Did I miss anything,
4 Walter?

5 MR. KRESIC: No, I'm pretty good.

6 MR. JOHNSON: All right. Thanks.

7 CHAIRMAN BURMAN: Okay. Anyone have
8 any other questions on the phone?

9 MR. LAMONT: Mike Lamont, Integrity
10 Plus. I'd love to hear a little bit more about
11 the database you got. Is this a cloud-based
12 database, is it spatial, you know, how mature is
13 it? I mean, how are you going about -- are you
14 de-identifying data in this database?

15 MR. KRESIC: It was a Spoke database,
16 done by C-FER Technologies. And so they're an
17 R&D company and a technology provider. And so it
18 was built in-house for this purpose exclusively.

19 I don't think it's cloud-based yet,
20 but now that's going to be some of the next
21 developments. Because the way it's been used
22 right now was to focus only on one kind of

1 technology. It's built though so that it can
2 support a wide bandwidth of in-line inspection
3 technologies and field results. So it's going to
4 grow from there. What it does have though is a
5 data structure that we know is pretty standard.

6 MR. LAMONT: Thank you.

7 MR. JOHNSON: Now, Dan, I'm concerned.
8 There's no questions from you. That's what I'm
9 always worried about.

10 (Laughter)

11 MR. COTE: Not this time.

12 MR. JOHNSON: Okay, good. Thank you,
13 Dan.

14 CHAIRMAN BURMAN: We wore him down.

15 (Laughter)

16 CHAIRMAN BURMAN: Eric, your tent
17 card? No? Okay, does anyone else have any other
18 questions?

19 (No audible response)

20 CHAIRMAN BURMAN: Okay. Is there any
21 key takeaway that you want us to know?

22 MR. JOHNSON: So I mentioned before,

1 we're 33 operating companies. But as I mentioned
2 a second ago also, not everybody jumped onboard
3 when Walter said let's go do this. So it's not
4 like we've got everybody around the table running
5 and screaming let's go do it.

6 I do think at this point we have, if
7 not everybody, the majority of our members saying
8 this is the right thing to do. So when it began
9 back in 2012, I would tell you we probably
10 weren't all going gung ho. But now you do have
11 that. And the industry's going -- the time is
12 right. We all need to look forward to advancing,
13 we all need to look forward to going next.

14 So I think, again, the VIS is in a
15 good timing spot, and I know there's a lot of
16 heartache to get to where we need to get to next.
17 And there is a lot of work. Don't get me wrong.
18 But you've got an industry who does want to
19 continue to grow, and develop, and improve.

20 We want to do it in a way that's
21 transparent, but the right transparency. We want
22 to do it in a way that ensures integrity and

1 safety. We want to do it in the right timeline.
2 So we're not going to be able to rush to a finish
3 line, but we'll have to get to the finish line
4 together.

5 Hopefully, it can all work in the same
6 space, not create multiple, multiple stuff.
7 Because that's only going to distract from our
8 success. Let's stay focused, and we can do a
9 good thing.

10 If PRCI can be an answer, we'd love to
11 work with you guys and find a way to work
12 together. We, as an industry, have to move
13 forward. So PRCI will continue to do that. And
14 like I said, we'd love to work with you guys if
15 we can. Thank you very much.

16 CHAIRMAN BURMAN: Okay, thank you.

17 (Applause)

18 CHAIRMAN BURMAN: We're going to take
19 a quick break. And then we're going to come
20 back, and I think we're going to get done
21 possibly a little early. So why don't we just
22 take another seven minute break, okay?

1 (Whereupon, the above-entitled matter
2 went off the record at 2:36 p.m. and resumed at
3 2:54 p.m.)

4 CHAIRMAN BURMAN: So, we're going to
5 right now wrap up. Dr. Murray and I have been
6 talking a little bit about some action items that
7 we have, and also just get a feel from folks on
8 how they think both the Day 1 and Day 2 went.
9 But I'm going to turn it over right now to Dr.
10 Murry, and then we'll talk a little bit.

11 DR. MURRAY: Okay, we are on the down
12 slope. I think we've had a very productive two
13 days from collaborating to learning and listening
14 and a lot of good key takeaways.

15 So one of the things that -- one, let
16 me just get this out of the way and say our next
17 public meeting will be April 5th, 2018 for those
18 who may be interested in joining the Advisory
19 Committee Meeting then. It will be here in the
20 DC area, and we will provide more information
21 once we secure a location.

22 Two things I want to make sure that I,

1 three things I want to make sure I do. One, talk
2 about what we want to discuss in the next
3 meeting. Two, make sure that we walk away with
4 the ADFOs and chairs knowing what action items
5 they might have.

6 And three, making sure we get feedback
7 from the Committee on how the subcommittee
8 interactions worked in this meeting. So any ideas
9 or improvements, we're happy to take those back.

10 So I think we can start with the
11 feedback first because they may drive how we
12 design the next meeting. Any ideas or feedback
13 or thoughts on how well the last two days went?

14 CHAIRMAN BURMAN: Well just, you know,
15 following up, I do know we heard from folks about
16 the subcommittees and the need to clearly work in
17 terms of how they're structured in terms of
18 working together either side-by-side, and some of
19 them need to not be side-by-side.

20 And so the subcommittee chairs need to
21 be a part of the discussion in terms of that. I
22 do think from my perspective it worked well in

1 having it the day before, but I don't know if
2 everybody feels that way. So it would be helpful
3 to know if folks liked that approach.

4 Heads nodding yes. But you should
5 feel comfortable saying, you know, it totally
6 didn't work.

7 MR. PARKER: No, Diane, I like having
8 it the day before. I think it gives us time to
9 think and collaborate and, you know, focus on
10 what we're doing.

11 CHAIRMAN BURMAN: Mark?

12 MR. HERETH: I would agree. I think
13 though that at some point as we begin to approach
14 June that there might be times when you want us
15 all together first, particularly in the context
16 of where we're writing things.

17 And so that we're doing things
18 consistently, that we're producing output that's
19 useful to the reporting group, you might actually
20 want to have us first. And we talked a little
21 bit about that yesterday.

22 CHAIRMAN BURMAN: I do have a question

1 then in terms of that. If for some reason as we
2 get forward, when we move forward on this, if we
3 announce a public session and the subcommittee
4 session that's going to take place the day before
5 but we realize we would rather have the
6 subcommittees meeting after, is it a problem to
7 then flip it to after even if the -- keeping the
8 public session the same date?

9 So let's say for some reason, like,
10 April 4th and 5th, and we wound up switching it
11 to the 5th and the 6th, assuming everyone's
12 schedules worked.

13 DR. MURRAY: The only thing I would
14 say is we want to be happy to accommodate the
15 Committee. But there's planning and contract
16 implications and timing associated with it. It
17 depends on how much notice we would have that we
18 would want to flip the dates on the back end.

19 CHAIRMAN BURMAN: Okay. So we have to

20 --

21 DR. MURRAY: But it would be difficult
22 because we have to make sure there's availability

1 for the space in whatever venue we're in to be
2 able to accommodate our needs to do that. And
3 less than, you know, a certain window of time to
4 be able to do that will make it impractical.

5 CHAIRMAN BURMAN: Okay, so it's more
6 of us thinking before we leave each meeting what
7 we're doing for the next one as well then so it's
8 more of a projecting out what our needs are going
9 to be and maybe projecting out a couple of
10 meetings ahead as well in terms of where we might
11 be needing some more ahead of time thinking in
12 terms of review of reporting or draft reporting,
13 et cetera. Okay, that's helpful.

14 MR. BUCHANAN: One thing. Part of the
15 public meeting is providing updates on what
16 happened in the private meeting. So I think to a
17 degree, we need the private meeting first.

18 That's not to say perhaps there could
19 be in the private meeting an hour or two hours
20 with the full group together at the beginning of
21 the day, and then get into your working groups
22 after that, or your subcommittees after that.

1 CHAIRMAN BURMAN: Great, thank you.

2 All right. Alan?

3 MR. MAYBERRY: I forget what
4 subcommittee proposed it, but to hear from BSEE.
5 Was that just for that subcommittee or couple, or
6 was that for the whole group for next time?

7 CHAIRMAN BURMAN: That was
8 subcommittee.

9 MR. MAYBERRY: Subcommittee?

10 CHAIRMAN BURMAN: That was a
11 subcommittee. One of the things that we're going
12 to need to do is to pull out from a lot of the
13 updates those group presenters that were being
14 looked at for some of the subcommittees so that
15 they can be populated for the subcommittees for
16 potentially for the next agenda.

17 So I'm going to look to Dr. Murray to
18 talk about what we suggested as some of the next
19 steps for that.

20 MR. BUCHANAN: A number of the
21 subcommittees talked about having presentations
22 from FAA. So perhaps that could be as a full

1 group.

2 DR. MURRAY: Good point. You wanted
3 me to talk about? I'm sorry.

4 CHAIRMAN BURMAN: That's all right. I
5 can do it, that's all right. One of the things
6 that we were collaborating on is talking about
7 having the ADFOs work with the subcommittee
8 chairs for an action item for by Wednesday of
9 next week presenting to myself and to Dr. Murray
10 via email a suggested draft agenda for the April
11 4th subcommittee meeting.

12 So the ADFO and the subcommittee
13 chair. Doesn't have to be, you know, anything,
14 it could just be a very rough draft of a
15 potential agenda which we'll be looking at some
16 of the presenters that we're looking at and some
17 of the goals for the next subcommittee meeting
18 that will help in terms of fleshing out who we
19 need to contact for if it's going to be a guest
20 presenter as well as what might be on the actual
21 agenda for that subcommittee meeting.

22 And then that would feed into what we

1 also may have for the full Committee meeting as
2 well, full working group meeting as well. We
3 thought if we gave that deadline since really
4 March 1st is tomorrow, April 4th and April 5th is
5 right around the corner.

6 So, keeping us on track, otherwise it
7 could slip. And if we're going to try to get
8 guest presenters to come for April 4th, you know,
9 it's a tight turnaround time. Does anyone else
10 have any comments or questions? Dr. Murray?

11 DR. MURRAY: Okay. Well, without
12 having hearing any more, so it sounds like
13 there's a need to have FAA come out and talk to
14 the full Committee. I like that approach. Just
15 talking a little bit about the public meeting on
16 the 5th, I think this worked well where you
17 handle the Committee business up front with the
18 report outs. And we could probably keep that
19 same strategy the next time and save the
20 afternoon for our informational presentations.

21 So there's been a couple that have
22 been brought to my attention so far. We'll look

1 across the subcommittee's thoughts from their
2 report outs today. FAA is one that certainly
3 emerged across many of the subcommittees.

4 And then as Dan was leading, he's very
5 passionate about making sure that we keep the
6 cost implications and what that might look like
7 in the mix of our work and in the conversation.

8 So he thought maybe the full Committee
9 could have more discussions around the financial
10 pieces of the VIS work, and he has some thoughts
11 around that. So we may allot some time in April
12 to think more and talk more about the cost and
13 financial implications as a full committee.

14 There was also a thought to have BSEE
15 come and share in one of the subcommittees. I
16 want to say Best Practices, I have to go back and
17 look. Which one was it?

18 (Off microphone comments.)

19 DR. MURRAY: Okay. BSEE to come and
20 talk in one of the subcommittees. So we'll work
21 with the ADFOs and chairs related to that. And
22 I'll pause. I see a couple of tent cards for

1 questions.

2 CHAIRMAN BURMAN: Okay, Walter and
3 then Mark.

4 MR. JONES: In terms of the gentleman
5 from the FAA, the way I understood it in the
6 Committee, and I could be wrong, we were, the one
7 or two committees I was on where his name came
8 up, we were more interested in having him
9 participate because there's a lot of issues,
10 because he did a fantastic presentation and I
11 don't know if it's fair to ask him to come and do
12 another one.

13 But what we were looking for was
14 there's a lot of nuanced grey areas that we're
15 constantly talking about that we could rely on
16 him, or someone of his experience, to give us
17 some quick insight, some hard hitters so that we
18 can keep things moving.

19 Not so much to tell us how great, I
20 don't mean it in a wrong way, but how great the
21 FAA system is, but somebody that just sits there
22 and we're like well how did you guys get through

1 this problem, and they could say we did it this
2 way. And then we can work through it and keep it
3 moving.

4 And then by if that individual or
5 another sat on, I think there's the three big
6 committees, Best Practices, Tech, and Process,
7 sit on one or two of those, you know, and then
8 could jump into another committee when requested
9 if funding or reported needed.

10 I think that might be a better
11 alternative, that's just my suggestion, than
12 having him come and do a presentation to all of
13 us again.

14 DR. MURRAY: Okay, thank you for that.

15 CHAIRMAN BURMAN: Mark?

16 MR. HERETH: Yes, I agree with Walter
17 there. I think our thinking was that we had seen
18 the presentation regarding ASIAs, and I think, I
19 know that on our process sharing team, we were
20 thinking that having him present as we work
21 through issues on our subcommittee, you know,
22 meeting in and meeting out, that he would be

1 really helpful in initially helping us with
2 scope, how we prioritize work, lessons learned
3 from what they've worked through.

4 I do think on another point though we
5 have not seen a presentation from BSEE. And I
6 would ask the question I know one subcommittee
7 raised it today, I think our subcommittee would
8 be interested in it as well. And so maybe the
9 whole Committee could benefit from the BSEE
10 presentation.

11 CHAIRMAN BURMAN: I'm wondering if we
12 initially keep them in a smaller subcommittee,
13 even if it's just two or three subcommittees, it
14 might be a better fit and then see if it's worth,
15 since we only have the one day, April 5th rather
16 than having the whole public session eaten up
17 with that.

18 The other thing is if we are looking
19 at Warren Randolph, Rudolph?

20 DR. MURRAY: Randolph.

21 CHAIRMAN BURMAN: Randolph, as more
22 than just a guest presenter but really as, you

1 know, someone who's giving more feedback and
2 helping with the scope, that seems to me that we
3 may want to have him as potentially on a
4 subcommittee or --

5 MR. HERETH: So actually, he's the
6 gentleman we had proposed in our Process Sharing
7 group this morning. Yes.

8 CHAIRMAN BURMAN: Right.

9 MR. HERETH: I know we had a lot of
10 names.

11 CHAIRMAN BURMAN: Oh, yes, yes.

12 MR. HERETH: Yes, yes. We had a lot.
13 We had a lot of names.

14 CHAIRMAN BURMAN: All right, so he was
15 targeted as --

16 MR. HERETH: Yes.

17 CHAIRMAN BURMAN: We did make a motion
18 for him?

19 MR. HERETH: Yes, yes. Thank you.

20 CHAIRMAN BURMAN: So then, all right.
21 Sorry.

22 MR. HERETH: No, that's okay.

1 CHAIRMAN BURMAN: As long as we had it
2 as a motion. I just didn't want us to leave
3 without locking that in. So thank you both,
4 Walter and Mark.

5 MR. RANDOLPH: Just, hello, this is
6 Warren Randolph. I apologize for not being there
7 in person. I appreciate the nomination and I
8 look forward to supporting the group in any way
9 that I can.

10 CHAIRMAN BURMAN: Oh, that's great.
11 Thanks. We still haven't approved you yet, but
12 that's all right.

13 MR. RANDOLPH: Well, I at least was
14 nominated. Thank you.

15 CHAIRMAN BURMAN: Sorry, that's just
16 me, that's my snarkiness. All right. So thanks.
17 Mark, do you have any more questions? Your tent
18 card is up. Sorry. All right, anyone else,
19 comments, questions? Yes, Leif?

20 MR. JENSEN: Just a real quick
21 comment. You know, some of the subcommittees
22 today including T&Q had relatively short updates.

1 And for the next meeting, I would propose some
2 flexibility, at least for the T&Q, that we may
3 not necessarily meet as all the other
4 subcommittees do because there may be benefit for
5 us to participate, you know, to divvy up our
6 quorum and participate in the other subcommittees
7 to learn what the training needs are.

8 CHAIRMAN BURMAN: I think that's
9 great. I think, so a couple of things. When we
10 look at the working with the ADFOs, and the
11 subcommittee chairs, they'll be going through not
12 only what was presented today, but they'll be
13 doing a list that will showcase what some of the
14 deliverables are as well as the guest presenters
15 and the proposed subcommittee members.

16 So it will be clear on that sheet to
17 all which will be shared across to the other
18 subcommittee chairs as well as the draft agendas
19 so that all the subcommittee chairs on Wednesday
20 can see what the other subcommittee chairs are
21 proposing as well as the ADFOs so that it makes
22 sense where we are collaborating in terms of

1 trying to understand what works.

2 And to the extent that then we're
3 mapping out not only what the subcommittee's
4 agendas are and cross pollinating, making sure
5 that there's no over-duplication, that will then
6 help to set the table for the public meeting, but
7 it will also see what has fallen off the table
8 and what makes sense in terms of which ones need
9 to meet and which ones don't.

10 So to the extent that the training
11 qualification doesn't need to meet at that time,
12 and similar to the reporting committee, that
13 reporting committee may not need to meet. Same
14 with the missions and objectives, they may not
15 need to meet. They may need to be in other
16 subcommittee meetings.

17 MR. JENSEN: Thank you.

18 CHAIRMAN BURMAN: Okay. Also, keeping
19 in mind that all of this we would subjected to,
20 not subjected to, that's the wrong term. But we
21 would check with counsel to make sure that we're
22 following the proper legal protocols in terms of

1 subcommittee meetings and making sure that we're
2 meeting all the requirements that are necessary
3 for meeting outside of the public meeting.

4 Okay. Chris?

5 MR. MCLAREN: Chris McLaren, PHMSA.

6 And thank you for letting me speak for a minute.
7 And attending the subcommittee meetings yesterday
8 and then talking amongst all of us, and then
9 watching the report outs this morning, it
10 occurred to me that maybe we needed to consider
11 an alternate solution for the meeting structures
12 on Day 1 because of the impact of the three
13 interdependent committees.

14 And so when I looked at it, it seemed
15 like we only needed two meeting rooms. Granted,
16 one of them needed to hold about 40 people, the
17 other one maybe 20.

18 But by, you know, we could end up with
19 two meeting rooms, and that would mean three
20 meeting times, and each subcommittee would get
21 two and a half hours each instead of three and a
22 half hours each or three to three and a half with

1 breaks.

2 That seemed to meet some of the
3 requirements of the committees that I saw as
4 people came in and out. Certainly the process
5 and the technology meeting first. We seem to
6 have to hash through a lot.

7 But maybe if we were all meeting more
8 together, there wouldn't be as much confusion on
9 some of the assumptions that we were going to
10 have to make if the other committees were in
11 there.

12 So I came up with this idea about an
13 8:00 a.m. start and a 5:00 p.m. finish on the day
14 that the subcommittees meet, and that would allow
15 focusing of all the presentations when we're all
16 together on Day 2.

17 The one alternative to that is when it
18 would be more advantageous to have a presenter
19 speak privately with the subcommittee. But it
20 sounds like so far we're only looking at external
21 SMEs coming in to support our subcommittees
22 rather than actually present to them.

1 And this model would not offer time
2 for really a 45 minute presentation and Q&A and
3 then subcommittee business. But I wanted to
4 throw this out as an option that we might
5 utilize, that way all three could essentially
6 attend all three. Thank you.

7 CHAIRMAN BURMAN: Thanks. I think
8 what we'll do also is send this around so that
9 when folks are working with the AFDOs and the
10 subcommittee chairs, they'll have this. And that
11 also will give people food for thought because
12 taking this, people may come up with similar
13 options or different options.

14 But I like this idea, and this will
15 probably springboard other alternative options as
16 well, including 7:00 a.m. start time. I'm just
17 kidding. So, you know, just looking at different
18 things.

19 So I think this is good because I
20 think it shows that really there's no reason why
21 subcommittee chairs and the ADFOs, am I saying it
22 right, ADFOs? Right, I've mixed up my acronyms

1 now. The ADFOs can't work around the schedule
2 that best meets the objectives for them, for the
3 subcommittees. So you know, there's no, we're not
4 locking you into anything. Whatever works,
5 knowing what it is. Okay? So thank you, I
6 appreciate this.

7 DR. MURRAY: Okay. So getting into
8 the action items, I don't have anything else
9 really to display. But I just wanted to recap a
10 few action items.

11 One, I think we're going to send out
12 the sample, PHMSA will take the lead in sending
13 out a sample advisory committee report so that
14 the full Committee can see what some of the
15 components were to that.

16 Also, as Chairman Diane mentioned
17 earlier, the subcommittee chairs and their
18 subsequent ADFOs should work to develop a one
19 page draft agenda that can be sent to us by March
20 7th. That gives us a high level understanding of
21 what they would like to see take place in the
22 April 4th meeting.

1 Also, for all the chairs and ADFOs,
2 please don't forget the information you presented
3 today in the Power Point should be reflected in
4 your Word version of your task statement.

5 We would like to have all the ADFOs
6 and chairs get together and make sure it is
7 representative of what was voted on today, and
8 email that I would say by the end of the week to
9 myself and Chairman Burman.

10 Also, if you have needs for external
11 members which were voted on, you might want to
12 include that in the same email, preferably the
13 body of the email if you have specific requests
14 for external members, just to save yourself
15 multiple emails and the risk of them being lost
16 somewhere. Then we're happy to have you do so as
17 a part of that process.

18 In between this meeting and the April
19 meeting, one of the things I'll be taking back
20 and thinking about is how do we solidify those
21 external members working with the ADFOs in
22 particular on my end and extending those

1 invitations.

2 One of the things I heard, I want to
3 say Andrew Lu mentioned, which was an excellent
4 idea, was package up what we're all about, what
5 the commitment would look like for external folks
6 we would invite so that they have a good idea
7 what they're walking into. So PHMSA will take
8 that for action to provide those to each
9 subcommittee because you may be reaching out to
10 individuals specifically once we've been given a
11 good go ahead. And that might be helpful to them.

12 Are there any other high level or full
13 committee action items we need to be mindful of?

14 CHAIRMAN BURMAN: The one thing I will
15 say that seemed to come up throughout all of our
16 different meetings, the thing that struck me,
17 that members seemed to rally around is when we
18 talked about different case studies.

19 I remember when we had folks here
20 talking about the flaps on the planes and what
21 data was needed for finding out why the flaps on
22 the planes were causing issues. And that led

1 into discussion and concerns, and that led into a
2 change of all, and better processes.

3 And then on the one-off situation, the
4 NTSB talked about that they saw it as a one-off,
5 but that rather than sort of doing it from a
6 regulatory perspective of saying you all are now
7 mandated to do X and, you know, and it was
8 instead from an information sharing perspective
9 was able to gather information.

10 And through that collaborative process
11 determined what was going on. And through input
12 were able to deal with certain situations. And
13 then also with other things, it seemed to me that
14 the case studies are very helpful for us to
15 understand and to also make clear what the
16 objectives are and why it's vital and important,
17 and to also have some guidelines.

18 So for me, that's important to see as
19 we kind of work through our work product. But
20 the other thing I did take note of is that we
21 seem to come back to very similar questions for
22 each of the presenters in terms of asking them

1 about the funding, the stakeholders, the
2 technology they're using, the different things
3 that are important from the programmatic
4 perspectives, the legal issues.

5 And so we should probably be thinking
6 about the tick list of the standard questions
7 that are important to ask and to know for
8 programmatic structuring because we do seem to be
9 falling into asking the questions, but not
10 necessarily standardizing our own questioning to
11 make sure we're capturing the same information
12 from each presenter. So that's something just
13 from my perspective.

14 Okay, does anyone else have any
15 comments or questions? Okay. Before we close, I
16 do want to just thank everyone. I know that we
17 are volunteers, and it does take a lot for us to
18 get here and to focus on it. I do think it's
19 really very important.

20 For some of you, you may know that I'm
21 a history buff. I like to know sort of, you
22 know, I'm a history of the day kind of person.

1 February 28th, 1953, Watson and Crick determined
2 the double helix structure of DNA.

3 And they actually took them a little
4 less than two years. They started working
5 together in early 1990s, and they were able to
6 work together and they actually announced it
7 February 28th, 1953. Actually determined it
8 February 28th, 1953. The announced it April, a
9 few months later. I guess they had to get their
10 ducks in a row and make sure, you know, it was
11 all going to go off well.

12 Reason I say that is they were able to
13 do something really significant in a little less
14 than two years together. So I think if we kind
15 of put our heads together, we can kind of work
16 together and come up with something. Maybe not
17 discover, you know, human molecules, but we can.

18 So to the extent that, hey, it's the
19 history of the day. So for me it's really very
20 important that we do something that is giving
21 back and doing something that has value. And so
22 I share with you the importance of kind of taking

1 stock of why it's important.

2 I started out today talking about that
3 fourth grader and the utility safety prevention.
4 And it means something. To the extent that, you
5 know, sometimes we don't take stock of the why we
6 do things, that's what we do. We do it because it
7 matters, and we have to think about that.

8 My goal is as Chair is to work with
9 the Committee membership to strengthen the
10 group's mission. This is your committee. We
11 each bring different values, we each bring
12 different talents and different expertise. And I
13 really do think that together we can bring
14 something significant. So I hope that you'll
15 continue to come and provide the value. And,
16 appreciate it. So, thank you.

17 With that, I think we're done for
18 today, and we'll be talking. And then we'll be
19 back together as a group on April 4th and 5th.
20 So, thank you.

21 (Whereupon, the above-entitled matter
22 went off the record at 3:23 p.m.)

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