

PIPELINE & HAZARDOUS MATERIALS
SAFETY ADMINISTRATION

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VOLUNTARY INFORMATION-SHARING WORKING GROUP

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SUBCOMMITTEE ON PROCESS SHARING

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TUESDAY
FEBRUARY 27, 2018

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The Subcommittee met in the Westin
Arlington Gateway, 801 N. Glebe Road, Arlington,
Virginia, at 8:30 a.m., Mark Hereth, Chair,
presiding.

PRESENT

MARK HERETH, Chair, Principal, Process
Performance Improvement Consultants
ERIC AMUNDSEN, Vice President, Panhandle
Energy/Energy Transfer Partners
AHUVA BATTAMS, PHMSA
KATE BLYSTONE, Outreach, Pipeline Safety Trust*
SHERRY BORENER, PHMSA
DIANE BURMAN, Commissioner, New York
State Public Service Commission
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
MAX KIEBA, PHMSA
MIKE LAMONT, Vice President, Integrity Plus
CHRISTIE MURRAY, PHMSA
KEVIN SPEICHER

PRESENT (Cont'd):

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

MICHELLE THEBERT

* present via telephone

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

2 (8:32 a.m.)

3 MS. BORENER: I had it open. I had
4 the other agenda up.

5 CHAIR HERETH: Oh, yes.

6 MS. BORENER: There are so many of them
7 -- I just switched to Windows 10 so if anyone
8 else has had the experience of going with Windows
9 10 and enjoying it as much as I have, I want to
10 congratulate you.

11 Okay, are you in process sharing?

12 MALE PARTICIPANT: I'm kind of just
13 floating, I guess.

14 MS. BORENER: You're just kind of
15 floating? Okay, well you're welcome to stay and
16 observe my team.

17 Would you mind documenting some today?
18 Okay. I don't think we have --

19 Welcome everyone. This is the process
20 sharing subcommittee of the Voluntary
21 Information-Sharing working group. Hi. I'm
22 Sherry Borener. I'm your ADFO for today. And I

1 think you all know our chair.

2 CHAIR HERETH: I'm Mark Hereth.

3 MS. BORENER: There you go. I don't
4 think anyone is calling in. Yes, thank you
5 though for setting up.

6 So this is -- Mark, do you want to
7 introduce yourself. I think everybody knows you
8 already.

9 CHAIR HERETH: Sure. I'm Mark Hereth
10 with the Blacksmith Group and I'm the
11 subcommittee chair for this process sharing
12 group.

13 MS. BORENER: Okay.

14 CHAIR HERETH: And I will say this,
15 that I don't call her the designated -- I'm
16 calling her our federal official. Sherry and I
17 have actually worked together on the risk
18 modeling working group that PHMSA had over the
19 last couple of years.

20 MS. BORENER: That's one of my true
21 fascinations, the risk modeling group. I think if
22 you were at the last subcommittee meeting we had

1 a discussion with people describing voluntary
2 information-sharing systems from other agencies.

3 Before we get started, there are a
4 couple of things you need to know. If you
5 weren't here earlier, if there's an emergency and
6 you want to take the exits, they're right behind
7 you. There is an exit on the left of the
8 restrooms right out this door. You're going to
9 go around the front of the building and across
10 the street from the Westin Motel entrance. I
11 believe we have alarms and I'm sure we have fire
12 suppression systems.

13 If there is any other type of
14 emergency, for instance, a medical emergency,
15 please contact me, and I'll make sure to get
16 through to the hotel staff and we'll get
17 emergency assistance immediately. And if you
18 need to contact someone, my telephone number --
19 my cell phone is 202-536-6655. The number -- I
20 should have put it on the agenda and I'll make
21 sure I do it the next time but let me put it up
22 here. If you're not able to be reached, you can

1 reach me. So I am Sherry Borener.

2 So normally we would talk about -- we
3 would do an attendance and sign-in sheet. I do
4 have a list of the committee members on the
5 presentation that I've got to use for our
6 minutes. But since this is our first meeting, I
7 thought it would be a good idea for us to just go
8 around. We probably know each other pretty well
9 but it might be a good idea to introduce
10 ourselves. If you don't mind starting --

11 MR. JENSEN: It would be my pleasure.
12 My name is Leif Jensen. I work with the company
13 named Sunoco Pipeline. It's a division of Energy
14 Transfer. And I bring 31 years experience to the
15 table here, 20 of which was a combination
16 transmission storage distribution company,
17 natural gas. And then the past 11 years has been
18 -- with hazardous liquid pipeline.

19 MR. WHITE: Good morning, I'm Doug
20 White. I'm the PHMSA Director of The National
21 Training Center in Oklahoma City. And I'm
22 basically just floating this morning among the

1 training and qualification subcommittee. Leif is
2 our chair for that and I'm just kind of
3 observing.

4 MS. SOBCZAK: I'm Amy Sobczak. I work
5 at the Metropolitan Qualification Center --
6 Training Qualification Center and I'm contract
7 support for the Training and Qualifications
8 committee.

9 MR. SUBSITS: Joe Subsits, I'm with the
10 state of Washington. I've worked with pipelines
11 for 30 years. I also represent the National
12 Association for Pipeline Safety Representatives,
13 which is a group of state regulators association.
14 I represent them also.

15 MR. LAMONT: Good morning, Mike LaMont
16 with Integrity Plus. My background is Regulatory
17 Compliance and Integrity Management. I've been
18 doing that about 20 years.

19 MS. BURMAN: Diane Burman, commissioner
20 with the New York State Public Service
21 Commission.

22 MS. THEBERT: Hi. Michelle Thebert,

1 Georgia Public Service Commission. I'm an urban
2 manager for pipeline safety.

3 MR. SPEICHER: Hi, Kevin Speicher. New
4 York State Department of Public Service, program
5 manager for pipeline safety.

6 MS. BATTAMS: I'm Ahuva Battams. I'm
7 the attorney from PHMSA here to support you guys.
8 I'm also floating this morning but I wanted to
9 let everybody know and this is for if I see you
10 in later subcommittee's, which I'm sure I will.
11 If you have any legal questions -- I'm sure
12 you'll think of them after, you know, the
13 meeting's gone on for a little while or at the
14 end of the day, you can email myself or Amal
15 Deria, the other attorney from PHMSA and we will
16 do our best to answer your question.

17 My email should be on both the email
18 chains but I'll just spell it out for you guys.
19 We'll write cards, just come up to me later if
20 you need one. It's ahuva.battams@dot.gov and
21 Amal will introduce herself as soon as she's
22 here. But she's amal.deria@dot.gov. And just,

1 you know, reach out if you have any legal
2 concerns or questions or anything for any of your
3 subcommittees and we will do our best to get back
4 to you.

5 MR. JONES: Walter Jones. I represent
6 a labor center. I'm director of Occupational
7 Safety & Health, Laborers' Health & Safety Fund
8 of North America.

9 CHAIR HERETH: And, again, I'm Mark
10 Hereth. I have 39 years in the Energy Industry
11 and about the last 20 in the pipeline industry
12 both as recycling of natural gas, transmission
13 and distribution as well.

14 When Sherry and I were trying to get
15 together last week, I was actually in a ditch
16 looking at verification digs and looking at data.
17 So very much touching the steel, as we often call
18 it. And so it very much relates to what we're
19 doing in this group, is taking data we get in the
20 field and tying that back to the assessment work
21 that we do.

22 So I'll look forward to working with

1 this group. And it sounds like have some callers
2 on the phone. Can you identify yourselves?

3 MS. BLYSTONE: Hi, everyone. This is
4 Kate. Sorry I can't be there with you guys. I
5 just wanted to let you know all know that the
6 pipeline data is going out. It's 5:41 a.m. here,
7 which means that I cannot promise that I will be
8 like able to articulate rational thoughts. So
9 just bear with me everybody.

10 Also for people who are at Mark and
11 Dave's end of the room, I don't know how you're
12 set up, but I can barely hear you guys. So I
13 don't know if there's a way to readjust the phone
14 so we can hear you better because it does seem
15 like they're talking loud enough. It's just
16 you're really far away. So thanks for being
17 there.

18 CHAIR HERETH: Put the phone in the
19 middle maybe.

20 MS. BORENER: Yes. Thank you, Kate.
21 We will adjust the phone.

22 CHAIR HERETH: Thank you for joining

1 us.

2 MS. BORENER: Okay. Is anyone else on
3 the phone? Okay, there are a number of members
4 of our committee who are members of other
5 committees. And those overlaps are actually
6 something that, I think Mark is going to address
7 as we talk through our mission and our plan.
8 Because we have such an overlap with, for
9 instance, best practices other -- and the
10 technical committee -- what is the name of the
11 committee that's meeting down here, that
12 technology committee?

13 So I think it's going to be essential,
14 as Mark goes through this, to think about how we
15 will be working with that group and that's
16 probably one of the issues that we would want to
17 report out.

18 Now for today, just show of hands, did
19 you receive the task statement ahead of time so
20 everyone has had a chance to at least note that
21 you have a task statement -- a draft task
22 statement? Okay. And I think the only other

1 topic -- and what I think we might do because I
2 drafted a quick agenda just for our meeting, I'm
3 going to hand you over to Mark in just a second.

4 My idea was that we would start with
5 Mark's idea of what it is our mission and
6 objectives would be and then we need to talk
7 about schedule. We have a couple of other issues
8 that we have to talk about, which is the
9 specifics in the task statement, what we will
10 report out tomorrow and then finally, if you want
11 to invite additional members, we have to do that
12 pretty quickly because you want them to start
13 working with you as soon as possible.

14 So that is a topic we need to address
15 quickly. It doesn't have to be settled before
16 noon but we do need to know what we're going to
17 do tomorrow morning when we make our
18 recommendations to the main committee because
19 they have to vote on our members.

20 So that's our conversation today. I'm
21 here all day long and I can help even if we're --
22 even if the committee has adjourned. I can still

1 help with capturing the information. I'm going
2 to try to take notes. We do have a scribe in
3 this room but it would be a good idea for one
4 person at least to volunteer if you don't mind to
5 capture notes on what we talked about, especially
6 on the topics on the task statement.

7 So I'm hoping that we can, among all
8 of us, come back together with the correct
9 description of what we did with the task
10 statement. So with that, thank you very much and
11 welcome. If I were in a ditch, it would just be
12 in this half. So I'm grateful I'm here. That's
13 good.

14 All right, so where would you like to
15 start?

16 CHAIR HERETH: So actually let's go
17 back up to the blue text I think you guys
18 drafted.

19 MS. BORENER: Okay.

20 CHAIR HERETH: And, Kate, I want to
21 make sure that you got the copy of the document
22 that is the outline but it has the task statement

1 in it. So if you go down a little bit further --
2 right before --

3 MS. BLYSTONE: Yes, I have them.

4 Thanks.

5 CHAIR HERETH: Good, thank you. And
6 can you hear us better now?

7 MS. BLYSTONE: Yes, a little bit.
8 You're still really far away. I can hear Sherry
9 better but you sound really far away.

10 CHAIR HERETH: Okay. I'll try to speak
11 up. People have to definitely speak up.

12 (Simultaneous speaking)

13 MS. BLYSTONE: Or you can just yell at
14 the top of your lungs for the next three hours.

15 CHAIR HERETH: So one of the things
16 that I wanted to started with is that there is an
17 lot of overlap between the work that this group
18 will do and some of the other groups. And as I
19 looked at some of the material that Christie put
20 together for us, which I've always found to be
21 very, very helpful is that she focused on a lot
22 of topics that related to what are the data that

1 we're sharing, and what are the expected outcomes
2 with that data.

3 And so in a very simple way, what I'm
4 going to suggest is at least in the beginning,
5 that we focus our work on what data and what
6 outcomes we're expecting when we think about this
7 process. And that the Best Practices group --
8 and we've talked with their chair a little bit
9 this morning, will focus on how the data will be
10 shared -- how data and information will be
11 shared.

12 And by looking at Best Practices,
13 they're looking at other industries. They're
14 looking at other applications. So their focus
15 is, initially, at least more on how to share and
16 we're going to be looking at -- but I want to
17 discuss this -- what to share.

18 And if you look at -- and actually I'm
19 going to scan to a spot here --

20 MS. BORENER: Okay.

21 CHAIR HERETH: -- in this document that
22 helped me sort of get to this. So here, I think

1 this is the task description that's been drafted.
2 And then if you go down into the text that
3 follows, what Christie and I think Sherry, you
4 had some input into this too, what they've done -
5 - and Kate, where we are is on Page -- where are
6 we in this document?

7 MS. BORENER: I can't see.

8 CHAIR HERETH: It's a good --

9 MS. BORENER: It's Page 3 of 7 and
10 it's --

11 MS. BLYSTONE: What's that?

12 MS. BORENER: 3 of 7. So if you go to
13 the header that says Task Description --

14 CHAIR HERETH: Right.

15 MS. BORENER: -- and there's some blue
16 text there, I think that's where Mark is working
17 from.

18 CHAIR HERETH: Right. And so what
19 we're doing there, Kate, is we're looking at that
20 -- we're going to start with this task statement
21 but I want to step back for a second and look at
22 things that are really high level and get your

1 input on this thinking. But if you look beyond
2 that task statement at the kinds of thinking
3 that's down there below that, which is data and
4 information to be shared, those are really what
5 kinds of information and then what outcomes are
6 we expecting?

7 And I think what I'm going to
8 recommend, but I want you to push back. I want
9 you to plug in, you know, that our focus would
10 then generally start with what?

11 Now we may evolve to how, but if you
12 think about what the Best Practices group is
13 doing, which is Eric and Max, they're looking at
14 other industries and saying how do these other
15 industries share information? How do they share
16 data most effectively to achieve their goals?

17 And so what I'm thinking, in talking
18 with Eric, is that we can take the what that
19 we're going to define and bring that together
20 with the best practices that we have from other
21 industries on how to share and those two will
22 integrate together.

1 They'll also integrate with the
2 technology group, the technology subcommittee,
3 because the technology subcommittee will be
4 talking about what are the protections that we
5 put in place? What are the safeguards? What are
6 the ways in which we can manage that data and
7 that sort of technical detail level?

8 People have thoughts on that focus of
9 what and how? Does that make sense or is it --

10 MALE PARTICIPANT: Yes, it makes
11 sense.

12 MR. JENSEN: I agree. It does make
13 sense.

14 CHAIR HERETH: Good. Because I
15 struggled in looking at this for some time. And
16 this is another case where I like where Christie
17 is. And so what I think she really did there in
18 some of the black text -- and Kate and anybody
19 else that's on the phone, the number and lettered
20 items likes types of information, data sharing
21 and purpose, data sources, data analysis, what
22 she's done there is to capture the ideas that

1 really came out of our first couple of meetings.

2 They've gone into the transcripts.

3 They've pulled out the things that we talked
4 about sharing. And so that helps me, at least,
5 create this concept of thinking about okay, if
6 initially our group focuses on what and then we
7 work with the Best Practices group, which will
8 focus on how. In fact, we were talking a few
9 minutes ago, at some point, we actually might
10 meet together to share our approaches and our
11 thinking so that we can stay aligned. Does that
12 make sense?

13 MALE PARTICIPANTS: Yes.

14 CHAIR HERETH: Is there another way,
15 though, that we should be looking at this?
16 That's one way to look at it. Is there another
17 way that we should be looking at this?

18 So let me do this just to --

19 MS. BORENER: So --

20 CHAIR HERETH: Go ahead -- so, in
21 thinking -- no, go ahead. Just go ahead. Just -
22 - yes.

1 (Simultaneous speaking)

2 MS. BORENER: So to stimulate some
3 thinking --

4 CHAIR HERETH: Yes.

5 MS. BORENER: -- just remember that --
6 this is Sherry Borener speaking -- one of the
7 things that the chair brought up before we were
8 meeting this morning was that we need to keep a
9 high level goal in mind.

10 CHAIR HERETH: Yes.

11 MS. BORENER: So I wrote that on the
12 top here. You know, what is the goal of Process-
13 Sharing Committee? Is it to -- and I think we
14 can express that in terms of the deliverables but
15 in terms of our group activity, what are we
16 trying to achieve? That's one question.

17 Another is that you talked about
18 sharing meeting time with the other groups. The
19 word assumptions, what are our assumptions and
20 how do those assumptions affect what other people
21 -- how we mesh together with other people?

22 CHAIR HERETH: Good.

1 MS. BORENER: Those assumptions will be
2 the way that we, I think, communicate with each
3 other because we're either assuming that we get
4 100 percent data or we're not. Or we're assuming
5 everybody has access or they're not.

6 There's a bunch of assumptions in our
7 data conversation that we want to talk about.

8 But I'd like to get back to that top level goal
9 because one assumption, I think, we all have is
10 that it's desirable to have voluntary information
11 sharing.

12 CHAIR HERETH: Right.

13 MS. BORENER: And I'm assuming that,
14 that's true and that's why we're all involved
15 here. The output is actually a recommendation as
16 to whether or not we should do it and then in
17 what form? So it's important, I think, for us to
18 get that on the table. And then if there are
19 limitations or there are, you know, yes, it would
20 be a good idea but -- we'd probably want to say
21 that as well.

22 So that was -- just my --

1 CHAIR HERETH: That's good.

2 MS. BORENER: Okay.

3 CHAIR HERETH: No, that's excellent.

4 Other perspectives? Other thoughts? Especially
5 at the high level, you want to make sure that we
6 address right from the outset. Go ahead, Leif.

7 MR. JENSEN: Mark, with your comment -
8 - your high level comment about let's identify
9 our objectives and then charter a path to get
10 there. When you read the statute and its
11 literal, you know, comments, it really talks
12 about ILI vendors and learning from operators and
13 vice versa. All right? So there's that raw data
14 that we need to exchange.

15 In our previous meetings, we also
16 talked about the local distribution world where
17 ILI tools don't necessarily work. So the acronym
18 DIMP comes into play, the Distribution Integrity
19 Management Plan. So I think we need to keep that
20 in scope as well as it pertains to lessons
21 learned and you know, root causes ultimately.

22 In the end, from operators learning

1 from other operators and DIMP vendors and ILI
2 vendors learning from each other and learning
3 from the operators distribution and transmission,
4 root causes from incidents, I think, are going to
5 be a key so that the nation can learn from one
6 another.

7 In my humble opinion, I think that's a
8 gap that we have today and the operators from the
9 west, as well as to the east are not learning
10 from one another.

11 CHAIR HERETH: I would agree. I would
12 agree. And I think that has -- that did come up,
13 and, especially in our last meeting, I believe.
14 It's a great point.

15 So I'm going to offer a build on that
16 but then I want to hear from others because this
17 is what I wanted -- one of the things I wanted to
18 do a few minutes ago is go back -- could you
19 bring up that slide that we -- that I sent you
20 that we developed?

21 MS. BORENER: Sure.

22 CHAIR HERETH: So out of our -- I think

1 it was our very first meeting, one of the things
2 we talked about was information sharing types.

3 And, Kate, if you don't have this, I'm going to
4 walk through it hopefully and you'll remember it
5 because you had a good bit of influence in this.

6 MS. BLYSTONE: Oh, geez.

7 CHAIR HERETH: So we looked at three
8 types of sharing and this really builds on what
9 you were saying, Leif. And the first of those --
10 I'll try to do this from memory -- the first of
11 those is the learning that we have from doing
12 routine assessments.

13 So I'm going to take your inline
14 inspection that you talked about. I'm going to
15 DIMP. So if we look at that in the context of ILI
16 direct assessment and hydro-testing, and then
17 other technology, if we want to bring that in.

18 So there's other technologies that
19 people use like guided way. If we look at what
20 we've learned from those routine assessments, we
21 have to figure out how to share that data between
22 the assessment service provider and the operator

1 and back and forth. Right? So I think that's
2 what you were getting at to some degree.

3 But you're second point was the
4 lessons learned and that's from incidents -- I
5 actually recall you making a statement we need to
6 be thinking about near misses. And we need to be
7 thinking about -- with incidents, we need to also
8 be thinking about NTSB investigations because
9 those tend to be more thorough and sometimes more
10 public. They take a longer time but there's
11 certainly learning that we have out of those.

12 FEMALE PARTICIPANT: I think you said
13 that.

14 CHAIR HERETH: Good. So the first one
15 is that learning from routine use of technology
16 again, which is ILI, direct assessment, hydro-
17 testing and other technology. Then there's a
18 learning from reportable incidents and accidents
19 and probably near misses.

20 And then of course, one of our
21 challenges is to provide the legal protections to
22 share those promptly because I think, Leif, one

1 of your points is we're not only not sharing but
2 we're losing opportunities sometimes because
3 we're not sharing lessons promptly. We're not
4 able to because of legal constraints.

5 MR. JONES: How do you define
6 learnings?

7 CHAIR HERETH: So let's get to that.
8 It's a great point. Let's keep that -- so let me
9 get through this third point and then we're going
10 to come back to that but that's really key.

11 And then there's the last one and this
12 is really the one that I don't think we can lose
13 sight of, which is also sharing information with
14 our public stakeholders, right? So this was a
15 rather lengthy discussion that we had in probably
16 our first meeting.

17 And Eric and Dan Cote, I think, worked
18 to capture some of these. And I wanted to bring
19 the source because there may be other things if I
20 look at Christie's notes. She goes into a little
21 bit more detail. But I want us to start by
22 thinking about these as we begin to take the task

1 statement that's in front of us and work with it
2 and get it into the form that you want to have it
3 in.

4 But let's take a second and talk about
5 learnings. Do you want to take a crack at what
6 you think the learnings are?

7 MR. JONES: Well, I would --

8 CHAIR HERETH: Yes.

9 MR. JONES: -- assume they were talking
10 about guidelines and results and accident or
11 investigation reports but it seemed pretty broad.
12 And the basis of what we're doing is taking these
13 learnings because if the goal is the what, I
14 guess the what is the learning and --

15 CHAIR HERETH: Yes.

16 MR. JONES: -- that's pretty broad.

17 CHAIR HERETH: Yes, it is.

18 MR. JENSEN: I have another
19 perspective. When I said root cause in my
20 earlier statement --

21 CHAIR HERETH: Yes.

22 MR. JENSEN: -- often times when

1 there's a failure of whether it's mechanical or
2 procedural or there's some type of incident,
3 often times it's a root cause failure analysis --

4 CHAIR HERETH: Right.

5 MR. JENSEN: -- that we'll to
6 understand the domino effects are always several
7 contributing causes. So when I think of
8 learnings, it's, you know, sharing those root
9 causes that led to an incident so that others can
10 reflect upon their own operation and wonder if
11 those same circumstances exist. And then,
12 furthermore, what mitigative and preventive
13 actions did the operator take to prevent
14 recurrence of that particular incident?

15 MR. JONES: Yes, I've been working with
16 root cause analysis all the time. And I would
17 agree with your assessment in that I know exactly
18 what you mean when you say we take root cause
19 results and then for routine use for assessment
20 and technologies. It's just that when you say
21 learnings, that just seems a little overly broad.
22 That's all I was saying. I like your -- the way

1 you just nailed it down -- we're going to do root
2 cause results or whatever else. That's all I'm
3 saying because it --

4 CHAIR HERETH: Sure.

5 MR. JONES: -- just seems learnings is
6 just kind of like touchy-feely.

7 CHAIR HERETH: Yes. So I think what
8 you -- no, it's a fair point.

9 MR. JONES: Right.

10 CHAIR HERETH: I think we use that term
11 to apply broadly because I don't think at that
12 point we knew --

13 MR. JONES: At this point, yes.

14 CHAIR HERETH: -- and I would say even
15 at this point, I'm not sure we know all that. So
16 I think there's a couple of other examples I
17 would use real quickly.

18 I think that, with respect to some
19 PHMSA investigations and some NTSB
20 investigations, we've learned that there are
21 learnings from how ILI has been used to define
22 crack-like features, as well as -- I'll say long

1 axial corrosion.

2 And we've learned that the way in
3 which those features are analyzed can sometimes
4 require a different approach or different steps
5 in the process that one might apply with pitting
6 corrosion or more general corrosion or other
7 types of cracking.

8 And so it's hard to put that into very
9 simple words but it's actually sharing what we
10 know about what the technology can do. What's
11 its limitations are and then how to improve the
12 use of the technology.

13 So your point is fair, and that's
14 probably one of the things we need to focus on,
15 as a group -- and I'm going to capture that as a
16 note --

17 MS. BORENER: Okay.

18 CHAIR HERETH: -- is that we'll work on
19 defining what we mean by learnings. And I think
20 just one other point, and then I want to look to
21 others, is that I think we use that term because
22 we wanted to look beyond just sharing discrete

1 data.

2 If you think back to our first
3 meeting, there was a real focus on sharing
4 signals, sharing process, you know, data down to
5 a very discrete level. And I think a number of
6 people stepped back and said, well we may need to
7 do that but what we really have the opportunity
8 to do is to share things like root causes, how we
9 can make the tools more effective, both on the
10 assessment side, as well as on the DIMPS side.
11 Right?

12 So how can we make our tools more
13 effective -- the phased array, the shear wave,
14 whatever we use, a laser, mapping, whatever we
15 use in the excavation -- how can we make that
16 technology more effective as much as we focus on
17 the assessment technology? Does that make sense?

18 So let me stop there and ask, what
19 other thoughts do you have that you think we
20 really need to make sure we're focusing on at a
21 high level? And then we'll spend some time with
22 the task statement. Go ahead, Joe.

1 MR. SUBSITS: As a person who looks at
2 a lot of accident reports and near-misses and
3 that type of thing, there's a lot of obvious
4 problems that come out of those reports and what
5 comes out of a lot of these sensing technologies,
6 the guideline ones interpretation, that becomes
7 obvious.

8 But I noticed there's a lot of actions
9 for -- it's becoming very hard to find things
10 that went wrong. And that's because things that
11 went wrong were really high scale things that
12 we're seeing just move towards safety management
13 systems to hopefully address some of those
14 issues.

15 I don't think people realize how
16 complex safety management systems can be. I
17 mean, we have a standard that came up but what it
18 really comes down to is how we're evaluating the
19 system. And systems can be pretty complex.

20 The reality is everything that an
21 operator does impacts safety. Your hydro-crack
22 records impacts safety. Your strategic plan

1 records impact safety.

2 There's a lot of lessons learned that
3 we take for granted. For example, I know one
4 operator who determined, well, you know, our best
5 controlling operators are people that we hire
6 just to work on nuclear submarines. Well that's
7 a pretty neat practice to know and that's
8 something with some value for other people to
9 know.

10 And there's nothing really negative
11 that came out of it. So I'm saying, is a lot of
12 times good practices can come out of positive
13 actions and not just the negative actions.

14 CHAIR HERETH: Yes.

15 MR. SUBSITS: And I think there's also
16 a lot of aspects of systems work that, I think,
17 as the systems work grows, there's going to be a
18 lot of lessons learned on how the systems work in
19 terms of evaluating systems. Are you really
20 looking between the organizations because that's
21 how a lot of systems work, how the structures
22 impact each other dynamically.

1 There's always an action, reaction but
2 there's also reaction and people never really
3 come for the reaction a lot of times. So what
4 I'm saying is there's a lot of complexity in
5 systems work but there's also a lot of value to
6 learn.

7 So I know there's a lot of focus on
8 ILI -- that's what the mandate by the Secretary
9 came down to but I think there's a lot of
10 positive practices that can be learned from it
11 also, as well as some of the aspects, which
12 improved culture and gaining trust with the
13 organizational empowerment.

14 These are concepts, which I think a
15 lot of lessons learned here and I think there's a
16 lot of value -- will be a lot of value if that
17 dialogue was placed somewhere within a structure
18 of information sharing.

19 CHAIR HERETH: That's good, and I
20 appreciate you raising you that. As you'll see,
21 even at our first meetings, we tried to make sure
22 we were making the ties to particular sections.

1 So, for example, where you see PSMS-9, that's
2 actually the lessons learned section in 1173. So
3 we're trying to do just that, but if you'll help
4 us stay on that focus because there are
5 opportunities to make those ties.

6 And I think we would all agree, it's
7 not always learning from failure. Sometimes we
8 can learn from other successes. So, to the
9 degree -- you know, so we have to figure out how
10 to work that in. It's a great -- it's a very,
11 very important point and thank you for raising
12 it. Yes, that's excellent.

13 Other thoughts? Kate, now that you've
14 been up for a while, do you have some
15 perspectives you'd like to share with us?

16 MS. BLYSTONE: Oh, man. Well the worst
17 part is that I broke my coffee maker this morning
18 so --

19 MALE PARTICIPANT: Oh, man.

20 MS. BLYSTONE: -- I'm drinking what I
21 believe to be caffeinated tea but I don't think
22 it is. So far, everything made sense to me and I

1 think that the documents that I've read and
2 between that and what's being said, that it's out
3 of the realm of possibility -- I think that
4 everything that we're talking about is exactly
5 where I thought it should be. I don't really
6 have anything to add --

7 CHAIR HERETH: Okay.

8 MS. BLYSTONE: -- and again, that might
9 be because of lack of coffee. At this point, I'm
10 curious how we're going to move forward and come
11 up with what we're saying for the rest of the
12 groups today. So -- yes, I'm following the
13 tracking, and everything sounds good. And I'm
14 sorry I'm not there.

15 CHAIR HERETH: Thank you though.
16 Thanks for being on.

17 MR. JONES: I just have --

18 CHAIR HERETH: Go ahead.

19 MR. JONES: -- a few questions.

20 CHAIR HERETH: Sure.

21 MR. JONES: Because this, like you
22 said, seems really broad. So how do we

1 prioritize and how do we avoid anecdotal
2 information that -- wow, like you said, we hired
3 a bunch of guys from the nuclear zone that was
4 perfect but is that really true?

5 You know, because it was your
6 experience at one site that this worked. How do
7 we ensure that we're not just passing on
8 anecdotal information and not actually verifiable
9 information? And, again, like I said, how do we
10 prioritize because, you know, we're going to have
11 to -- where do we get the most bang on our buck
12 in terms of what we need to promote?

13 CHAIR HERETH: Fair point. That's
14 great. That's great.

15 MR. JENSEN: I do have a general
16 comment in that respect of -- and I think at the
17 end of the day, you have to write a
18 recommendation to the Secretary and so the
19 priority really ought to be based on what's an
20 exemption.

21 And then beyond that if we want to get
22 into, you know, the success stories like Joe said

1 or root cause failure analysis on incidents,
2 because some of that might be anecdotal, that we
3 characterize that as practice sharing or idea
4 sharing as opposed to it's got to be this way --
5 no mediation. So --

6 CHAIR HERETH: Yes.

7 MR. JENSEN: -- that's my perspective.

8 I would like to make one more comment --

9 CHAIR HERETH: Sure.

10 MR. JENSEN: -- as it relates to our
11 objectives. And in the spirit of the statute and
12 process sharing amongst ILI offenders, one of the
13 objectives, in my opinion, has to be -- well, let
14 me frame it -- tools are not the crystal ball.
15 ILI tools are not perfect and oftentimes there
16 has to be collaboration between the operator and
17 the ILI vendor as they compare "as called data"
18 by the tool relative to "as found data" in the
19 ditch.

20 CHAIR HERETH: Yes.

21 MR. JENSEN: And so often at times,
22 they have to correlate those and they generate

1 things like you know, deep clots to validate the
2 tool.

3 But what's also very important is that
4 it's unique morphology is determine -- sort of in
5 the field, a particular feature, that, that
6 information is communicated back to the ILI
7 vendor so that they can fine-tune their
8 algorithms to make their tools even more
9 accurate.

10 And in the spirit of sharing, you
11 know, it may be instruction but what the idea was
12 we can get the ILI vendors to share amongst
13 themselves some of their discoveries among their
14 algorithms even though they're proprietorial to
15 learn from each other as it relates to how do we
16 improve the detection tools and the accuracy and
17 cost.

18 MS. BORENER: So just to facilitate
19 this discussion, the task statement -- and this
20 can come out when you finalize what I circulated,
21 has the actual text from the mandate at the top
22 of the task statement, so you can see what the

1 language was.

2 It doesn't really preclude sharing --
3 it does talk about in-line inspection and so on,
4 but it's a way to encourage the exchange of
5 pipeline inspection information and the
6 development of advanced technologies that enhance
7 risk analysis.

8 So that's a much broader statement
9 than, you know, in-line inspection tools and I
10 think it gets at what you're saying. And we're
11 within, I think, the mandate as long as we're
12 addressing this broader issue of risk analysis.

13 I think -- we don't have it in our
14 outline but there may be legal limitations to
15 data sharing and that's one of the reasons
16 Ahuva's here. So those things as they come up --
17 some things may be desirable but they're not able
18 to be facilitated under the current regulatory
19 structure.

20 When SMS is implemented, there can be
21 additional -- there can be benefits to the
22 operator because of self-certification. But then

1 there's the reverse side of that, which is that
2 you're revealing some information that may be
3 sensitive. And so you have a legal protection or
4 some kind of structure that you want to set up so
5 that you can encourage people to share
6 information.

7 All that would be something that would
8 address -- could be addressed under this mandate.
9 It doesn't have to be, I don't think limited just
10 to in-line inspection.

11 CHAIR HERETH: And, Sherry, you agree
12 that there is a separate committee that will be
13 looking at the legal framework.

14 MS. BORENER: Is there is a separate
15 committee on legal?

16 MS. BATTAMS: There is.

17 CHAIR HERETH: Yes.

18 MS. BATTAMS: And I was actually --

19 CHAIR HERETH: Yes.

20 MS. BATTAMS: -- going to mention and
21 this just my personal recommendation, just like -
22 - we were talking earlier about linking up what

1 kind of data with the how of the Best Practices
2 group. Once you know what kind of data you think
3 would be helpful to share, that might be a time
4 to link up with the regulatory funding and legal
5 subcommittee --

6 CHAIR HERETH: Yes.

7 MS. BATTAMS: -- so that they know what
8 their -- you know, because the legal
9 ramifications will depend on the data. And some
10 of the legal protections will be general. But
11 there might be something specific and it can't be
12 addressed if they don't know you're even talking
13 about it. And so that just might be something to
14 consider in the future.

15 CHAIR HERETH: Yes. No, that's good.

16 Thank you.

17 So I think that, just to reemphasize
18 that, what we're seeing there is one of those
19 places where we interface with another committee.
20 And so what I would suggest is that our charge is
21 to identify what information we want to share.

22 And so this -- particularly the one

1 that Leif raises, which is the ILI service
2 providers sharing among each other. There are
3 going to be some challenges there.

4 But our job, as a group, should be --
5 if we believe that's important data to share,
6 then we should raise that as data to be shared
7 and then let -- and work with Legal and
8 regulatory committee and find out what
9 limitations we have. Can they be overcome?

10 And then work with the Best Practices
11 group because other industries have tackled this
12 issue before, right? They've done it among
13 airline equipment manufacturers, original
14 equipment manufacturers for turbines and parts.
15 They've figured out how to do this so how can we
16 learn from that?

17 So our challenge is going to be to
18 stay focused on what it is we want to share and
19 identify issues and problems and then work with
20 those other groups to figure out how we solve
21 them. Does that make sense?

22 MALE PARTICIPANT: Definitely.

1 MS. BATTAMS: Don't limit yourself --

2 CHAIR HERETH: Yes, exactly.

3 MS. BATTAMS: -- if you think there's
4 going to be a possible legal problem. That will
5 come out down the road. You know, if you think
6 that there's something that will be helpful, you
7 know, discuss it, decide it would be helpful and
8 then in the future, if there's other thought,
9 then it can get crossed off. Don't sell
10 yourselves short on what you want at this stage.

11 CHAIR HERETH: Right. Other thoughts?
12 And then we're going to start working into the
13 task statement.

14 MR. LAMONT: I think it's a great
15 discussion, Mark. And one of things that I see -
16 - I have a couple of comments. One, root cause
17 analysis, I think is definitely critical. One
18 comment on that is not all of them are created
19 equally, right? You know, so there's a lot of
20 subjectivity and there's a lot of different ways
21 to do RCA and so that's at issue, right?

22 And the other thing is near misses. I

1 think that it would be a missed opportunity for
2 this group if we don't make sure that near-misses
3 gets incorporated.

4 MR. JONES: Close calls.

5 CHAIR HERETH: And near-misses.

6 MR. JONES: They're not near-misses.
7 They're close calls.

8 CHAIR HERETH: Yes. That's good.
9 Thank you. Some people call them good catches.

10 MR. JONES: Good catches, yes, or near-
11 misses or --

12 CHAIR HERETH: Yes, exactly. So, you
13 know Mike, one of the points that you're getting
14 to is I think one of the things that Walter got
15 to a few minutes ago is -- and you didn't quite
16 say it this way but I think that's what you were
17 getting at, which is the idea there needs to be
18 some sort of a quality check. Some sort of an
19 evaluation of data and information when it comes
20 in so that it's put on a common basis -- some
21 sort of a common --

22 MR. JONES: I agree.

1 CHAIR HERETH: -- framework. So that
2 when it's shared, it has value that can truly be
3 derived --

4 MR. JONES: Right.

5 CHAIR HERETH: -- as opposed to
6 requiring a lot of interpretation --

7 MR. JONES: Right.

8 CHAIR HERETH: -- and being anecdotal.
9 I mean --

10 MR. JONES: Right.

11 CHAIR HERETH: -- the use of the word
12 anecdotal is really appropriate. If it's truly
13 anecdotal, it has some real limited value. If
14 it's truly a good root cause analysis and it has
15 something we can draw and derive out of it, then
16 that's what we're seeking. That's good. Good.
17 Go ahead, Joe.

18 MR. SUBSITS: I just have a question
19 in terms of what the scope from the work group
20 here in process sharing and what you're alluding
21 to is something that struck me. Is that
22 something that we need to address in some of the

1 early discussions and talk about work being done
2 -- similar work.

3 We talked about the process of having
4 a committee to scrub data, that type of thing.
5 And I would consider that part of the process to
6 share information. Is that something within the
7 scope of the information here? Then how is that
8 information accessed? Is the part of the
9 analysis? So I guess that's --

10 CHAIR HERETH: So I would suggest that
11 the scrubbing quality is probably a how step. We
12 probably want to identify that it's critical,
13 that it gets done but the actual step of the
14 scrubbing or the quality check is probably a how.
15 But we certainly -- these are great points that
16 we should identify so that when we're interfacing
17 with that group on Best Practices, we're making
18 sure that those things are covered.

19 MS. BORENER: Okay, so --

20 CHAIR HERETH: Fire on.

21 MS. BORENER: Okay, but -- so this is
22 really right out of the outline.

1 CHAIR HERETH: Yes.

2 MS. BORENER: Okay. And I think that
3 one problem is that both groups do need to
4 address similar topics. So I wouldn't completely
5 put it over to Best Practices because data
6 quality and verification validation --

7 CHAIR HERETH: Yes.

8 MS. BORENER: -- and all that was
9 really in our responsibility for the report.

10 CHAIR HERETH: Okay. At least the way
11 Christie laid it out.

12 MS. BORENER: That is correct.

13 CHAIR HERETH: Okay.

14 (Simultaneous speaking)

15 CHAIR HERETH: And that makes it fair
16 for discussion.

17 MS. BORENER: Yes, absolutely.

18 CHAIR HERETH: Absolutely. No, I'm
19 actually good with that. I guess I was hoping --
20 so the comment I think I made at the beginning is
21 our initial focus should be on what and then I
22 think we'll move to how, necessarily to address

1 both of those things.

2 MS. BORENER: Right.

3 CHAIR HERETH: But my concern is, if we
4 try to focus on what and how, we won't make
5 progress and so -- I see a lot of head shaking --

6 MS. BORENER: Yes, I agree.

7 CHAIR HERETH: And so it's fair. And
8 if that's in our scope, then we absolutely need
9 to tackle it.

10 MS. BORENER: We need to say something
11 on one or the other --

12 CHAIR HERETH: Yes.

13 MS. BORENER: -- even if we don't
14 answer the question.

15 CHAIR HERETH: Yes.

16 MS. BORENER: But we have to --

17 CHAIR HERETH: Thank you for saying
18 that because that's very important.

19 MS. BORENER: Right.

20 CHAIR HERETH: And I think you can see
21 from the comments that have been raised today,
22 that there's a lot of good thinking already in

1 the room about how to do the quality and the
2 verification --

3 MS. BORENER: Okay.

4 CHAIR HERETH: -- there's good
5 experience that we draw on there, which is
6 fantastic. So let me -- so, unless you have a
7 different thought, let me suggest that we -- and
8 Joe, this gets to your question about scope.

9 I think it's really that -- I think
10 we've been charged with defining the task
11 description. So what is a description of the
12 work that we're going to do in this subcommittee?
13 That's a fair of saying it, right?

14 MS. BORENER: That's right.

15 CHAIR HERETH: And so let's try to
16 focus on that first and get a cut at that. And
17 then step back and say is it doing what we
18 intended to do and how can we make it better?

19 Now do you want to walk us through
20 your thinking of this because this is the version
21 that you guys created, right?

22 MS. BORENER: That's right and of

1 course you're not going to any of the -- So we --
2 First of all, let me look around the room. Does
3 anybody need a quick ten-minute break or anything
4 like that? Everybody's okay to go ahead and
5 tackle this? Okay, great. Sorry.

6 CHAIR HERETH: Okay.

7 MS. BORENER: The task description --

8 CHAIR HERETH: Actually from a process
9 standpoint --

10 MS. BORENER: I think we are good.

11 CHAIR HERETH: Can we take a break at
12 about 10 o'clock? And let's set that so that if
13 you need to do calls, you can let people know
14 you're going to have a break at 10:00 and we'll
15 do it for, what, 15 minutes?

16 MS. BORENER: I think it is 15. Yes,
17 that's correct.

18 CHAIR HERETH: Okay.

19 MS. BATTAMS: Keep in mind that break
20 on the schedule is at 10:30.

21 CHAIR HERETH: Oh, it is?

22 MS. BORENER: It's at 10:30?

1 MS. BATTAMS: Not that there's anything
2 wrong with also breaking at 10:00 --

3 CHAIR HERETH: Okay.

4 MS. BATTAMS: -- but just --

5 CHAIR HERETH: Well actually let's keep
6 -- thank you. Let's keep to the schedule then.
7 Because if there's a need to interact with other
8 groups, that would be good. Thank you for
9 raising that.

10 MS. BATTAMS: Yes.

11 MS. BORENER: So --

12 CHAIR HERETH: 10:30 we'll take a break
13 for 15 minutes.

14 MS. BORENER: And if you need to leave
15 to go, we'll understand.

16 CHAIR HERETH: Yes.

17 MS. BORENER: We'll just point. No.
18 So the task description that I put together here
19 was based on the template that was circulated.
20 And I did put a lot of extra information in that
21 we can always take out and it was there for us to
22 have to work from.

1 So it does say what the original
2 mandate was. The language of the mandate because
3 that seemed to be something we asked about a lot
4 in a number of our meetings. Alignment with SMS,
5 which was important in terms of the objectives of
6 the group.

7 The template that was circulated had
8 milestones and deliverables, in addition to the
9 report content that we might want to support.

10 This is really -- I went overboard and
11 put as many possible options into the task
12 statement so that you could say whether you
13 wanted to use them or not use them or just even
14 as hints to the kind of information you might
15 want to collect. But if you have people coming
16 in and giving you presentations or giving you
17 documents, this might be a way to capture that as
18 an artifact that goes into the report.

19 Then the specific activities are in
20 your -- this outline that we've been referring to
21 in the task statement. The types of information,
22 data shared and the purpose for those. The

1 sources of that data, you know, what truth is,
2 how we would look at tools and analysis.

3 And I think -- although you might
4 think of this as part of the how, the tool design
5 is so critical to the understanding of the data
6 that it -- you know, a recommendation about how
7 the tool would function and what you want it to
8 be able to do for the community probably needs to
9 be talked about.

10 Nowhere else is the issue of common
11 taxonomy and data exchange protocol addressed.
12 And that one topic is massive because of the
13 disparity of information around the industry.

14 CHAIR HERETH: Can I ask a couple of
15 questions?

16 MS. BORENER: Yes.

17 CHAIR HERETH: I like this and I like
18 the thinking here. The data integration, and
19 particularly the taxonomy and the data exchange
20 protocols, we don't think those are going to be
21 covered by the technology committees or do we
22 know?

1 MS. BORENER: The technology -- I'm not
2 sure what they're going to talk about. So we're
3 going to go back and --

4 CHAIR HERETH: Yes.

5 MS. BORENER: -- you know, we'll have
6 our basket, they'll have theirs. Maybe what we
7 do is trade tomorrow and say you do that but the
8 data -- the taxonomy for instance, what you call
9 a close call.

10 CHAIR HERETH: Yes.

11 MS. BORENER: What constitutes a close
12 call? That's a taxonomy issue.

13 CHAIR HERETH: Thank you.

14 MS. BORENER: So those definitions,
15 because that's what facilitates communication
16 among all these different entities, those
17 definitions have to be standardized --

18 CHAIR HERETH: Yes.

19 MS. BORENER: -- and somebody's got to
20 do that.

21 CHAIR HERETH: Yes.

22 MS. BORENER: And that's a data issue.

1 That's not a --

2 CHAIR HERETH: Right.

3 MS. BORENER: You know -- that's a data
4 defined definition.

5 CHAIR HERETH: And it's going to be
6 important for us because if we don't use common
7 terminology among ourselves, we will be confused.

8 MS. BORENER: Exactly. So --

9 CHAIR HERETH: Right -- so that's a
10 fair point.

11 (Simultaneous speaking)

12 MS. BORENER: -- our recommendation can
13 just be --

14 CHAIR HERETH: Yes.

15 MS. BORENER: -- we ought to have a
16 common taxonomy. I mean you could do it at that
17 level and the final product, you could say we
18 need a common taxonomy and PHMSA ought to, you
19 know, sponsor a working group to do that or
20 something.

21 CHAIR HERETH: And I would offer that's
22 a great point because I think even this morning,

1 we found --

2 MR. JONES: Yes, it makes it -- close
3 call, yes.

4 (Simultaneous speaking)

5 MS. BORENER: Yes, and we need to keep
6 ourselves in that. Now the topic of governments
7 and again this is heavily where how comes in --
8 how you come to the table, how you protect
9 yourself, how members exchange information, what
10 the transparency and so on is. That may not be
11 within this group but that's just a topic. And
12 then -- but I added in here that security and
13 data access.

14 So we can think of this outline in
15 lots of different ways and, as we do the
16 scheduling, one thing we might want to do is say
17 give me an expert on each one of these headings.
18 So I want someone to give me a one-hour talk on
19 or paper on each of these things. As input to
20 the committee, you can go solicit them.

21 CHAIR HERETH: So could you make this a
22 little bit smaller so we can get all of that

1 black text into one view. And then what I'd like
2 to ask people to do is to weigh in your thoughts
3 on -- yes that's -- I'm close, that's good.

4 MS. BLYSTONE: Hey, what page are we
5 on?

6 MS. BORENER: We're on 3 of 7. We're
7 on Page 3 of 7.

8 MS. BLYSTONE: Okay.

9 MS. BORENER: And it's the --

10 MS. BLYSTONE: I was just wondering.

11 CHAIR HERETH: And, Kate, we're looking
12 at those items in 1 through 5 and I guess --

13 MS. BLYSTONE: Okay, thank you.

14 CHAIR HERETH: And we don't need to
15 solve this now but let's take just a few minutes
16 and talk about people's thoughts on do each of
17 those pieces fit within this group's scope from -
18 - in the task work we're supposed to do from your
19 view of this? And it may be, we don't have to
20 have the full answer today but I'm interested in
21 people's thoughts. There's a lot there.

22 MALE PARTICIPANT: There is a lot.

1 MR. JONES: Yes. That's really my
2 thought that it's intimidating. It's a lot in
3 there, which I would -- any one of the five --
4 well, I won't say any one but there's -- some of
5 those numbers we can tackle alone all summer.

6 CHAIR HERETH: So let me maybe start
7 with the first two and, Kate, I'm going to stand
8 up here and point.

9 So is there -- I think that we would
10 safely say that Number 1 and Number 2 definitely
11 fall within our group. Not that these other
12 don't, but I would to start with those. So the
13 types of information we share and their purpose
14 we would all agree that's within our scope you're
15 saying, right?

16 MR. JONES: Yes.

17 CHAIR HERETH: Data sources, which is
18 going to be operators, service providers,
19 stakeholders, right?

20 MR. JONES: Right.

21 CHAIR HERETH: And then the next three,
22 I'd like us to actually look at because I think

1 we would all agree they influence what we do.
2 The question is do we them or does somebody else
3 do them? And if we do them, you know, what our
4 interface points?

5 So just briefly, the data analysis.
6 The actual analysis of the data. Does that
7 priority find within our group?

8 MR. JONES: It definitely does but
9 that's where you get the priority, right? That's
10 where you begin to prioritize based on results of
11 analysis and what needs -- you know what I mean?

12 CHAIR HERETH: What do you think, Leif?
13 You have a look like you're unsure.

14 MR. JENSEN: Well --

15 CHAIR HERETH: I'll have to admit, I'm
16 a little unsure myself when we get into these.

17 MR. JENSEN: It's probably a semantical
18 argument I'm having with myself right here. But
19 when I look at Section 3, and it says data
20 analysis and then tool design, tool
21 implementation and validation, maybe it's my own
22 paradigm but when I think of tool, I'm thinking

1 of the inline inspection tool itself inside the
2 pipe.

3 CHAIR HERETH: No, you're thinking
4 differs --

5 (Simultaneous speaking)

6 MR. JENSEN: -- communication
7 instrument --

8 MS. BORENER: Right.

9 MR. JENSEN: -- mechanism that we have
10 in place to facilitate the sharing of
11 information.

12 MS. BORENER: That's right.

13 MR. JENSEN: Okay.

14 MS. BORENER: So this would be the
15 graphs, charts, you know, arrows pointing, things
16 like that. And also what level of data do you
17 want? You know, what do you want your tool to do
18 for you? Because that in a sense dictates what
19 data has to be made available.

20 MR. JENSEN: So, in other words, this
21 section is we've defined the mechanics of process
22 sharing. In other words, our point to convey

1 information on this to the stakeholders?

2 MS. BORENER: Yes.

3 CHAIR HERETH: Yes.

4 MR. JENSEN: So that gets to how we do
5 it. Not necessarily what information we're
6 sharing.

7 CHAIR HERETH: Yes. So it -- Let's get
8 into that, yes. And then this gets into the
9 points that I think you have been making around,
10 you know -- it's not just the what, but it's the
11 how we're going to do something that switched how
12 do we share root cause? How do we take something
13 from being anecdotal to having real value? And
14 that's this validation, right? And I'm not sure
15 we have a complete picture there yet but that's a
16 part of it.

17 MR. JENSEN: But perhaps this is where
18 we can use the analogy that the FAA is when they
19 pull together a committee of trusted stakeholders
20 to scrub through the data --

21 CHAIR HERETH: Yes.

22 MR. JENSEN: -- desensitize it, de-

1 identify a particular airlines --

2 CHAIR HERETH: Yes.

3 MS. BORENER: Yes. So that again is --
4 that process also falls under your government's
5 and controls process. So in terms of the
6 analysis itself, lets say you were talking about
7 that stuff you were talking -- earlier, which is
8 just from my inspection, I get a bunch of data
9 and I have five vendors. And they've all looked
10 at similar types of pipe but in different
11 locations. I want to fuse all that information
12 into a single set of data and say here's the
13 outlier. Okay?

14 So that step of bringing that
15 information together and then identifying the
16 outlier is an analytical step. Either people do
17 it by looking at the numbers or you build a tool
18 that fuses that information and relevant data.
19 Whatever that step is, that brings that data into
20 a single environment, that's the data analysis
21 process.

22 And because the analysis in a sense

1 dictates what data you have to pull, they are
2 related. You know, so --

3 CHAIR HERETH: Okay, so what if I say -
4 - let me suggest this. That it seems like our
5 responsibility is to define what we expect to
6 come out of that and possibly how to do it. But
7 I think there's a group on technology and there's
8 a group on governments that's actually going to
9 do the mechanics.

10 My sense is we're trying to define
11 what it is and then what is the expected outcome.

12 MS. BORENER: Right. So I'm not sure
13 we have a --

14 MR. JENKEN: I think that's the key
15 assumption we ought to document.

16 CHAIR HERETH: Right.

17 MR. JENKEN: The technology group --
18 (Simultaneous speaking)

19 CHAIR HERETH: I'm not saying you have
20 to agree with me. I'm just trying to capture how
21 broadly distinctions between these groups. And
22 maybe want to start trying create some kind of a

1 diagram.

2 MS. BORENER: Okay.

3 CHAIR HERETH: So let me take a step
4 back for a second. So clearly we -- our scope --
5 our task statement should cover one and two
6 really kind of as you've laid out. And our task
7 statement will be written at a higher level and
8 it clearly addresses those. And then I might say
9 that -- and Kate, I'm sorry I'm talking as I'm
10 writing on a white board -- or a white piece of
11 paper.

12 MS. BLYSTONE: I hear you.

13 CHAIR HERETH: Data analysis and
14 integration -- I'm not sure what you're calling
15 fusion or fusion can be another piece of that,
16 that maybe we're defining what we expect or what
17 are the outcomes and there's other groups that
18 are looking at the actual mechanics of it. Does
19 that make sense?

20 And it's not that we wouldn't get into
21 the mechanics because we probably need to but --
22 so if you look at it, there's a committee on

1 technology --

2 MS. BORENER: Yes. There is a
3 committee on best practices.

4 CHAIR HERETH: Yes.

5 MS. BORENER: Training and
6 qualification, regulatory funding, legal and
7 reporting. There is no governance committee.

8 CHAIR HERETH: Okay.

9 MS. BORENER: So I think that we would
10 --

11 CHAIR HERETH: Okay.

12 MS. BORENER: So we might just say we
13 need, someone needs to do that, that's fine, but
14 this --

15 CHAIR HERETH: So it may be that we do
16 do it?

17 MS. BORENER: Yes, it could be --

18 CHAIR HERETH: Okay, that's fair.

19 MS. BORENER: -- because there may not
20 be another group but --

21 CHAIR HERETH: So like, here's the
22 question, I guess, I want to ask is, is that

1 something that would fall within the technology
2 group? And if it isn't, then we take it off.

3 MS. BORENER: I don't know. I mean
4 this is the thing to bring up, I think. We don't
5 have to, I can't answer what their, their task
6 statement is going say.

7 CHAIR HERETH: Yes.

8 MS. BORENER: So I think the critical
9 thing is to say what needs to be addressed. So
10 just to back up to that, whatever they call it,
11 10,000 foot, 150,000 foot view --

12 CHAIR HERETH: Yes.

13 MS. BORENER: We're not never going to
14 solve how to do any of these things in this
15 group.

16 CHAIR HERETH: Right.

17 MS. BORENER: What we would identify
18 is the things that should be done to do it well.

19 CHAIR HERETH: Yes.

20 MS. BORENER: And so, even if we're
21 not the ones that write the recommendation on
22 governance, we would say some governance needs to

1 be established.

2 CHAIR HERETH: Yes.

3 MS. BORENER: And then whoever it is,
4 -- the full committee, is what we're going to be
5 doing is going back to the full committee with
6 recommendations about what should be in the final
7 report.

8 CHAIR HERETH: Okay. No, that's fair,
9 that's fair.

10 MS. BORENER: So --

11 CHAIR HERETH: So I am going to offer
12 that we're going to spend, that we need to
13 include this for now in our task statement simply
14 because, even if all we did was to define what we
15 expect out of this, what you need to add, we're
16 going to have to talk about this, right?

17 And I think we all agree that the
18 taxonomy and common terminology is really
19 important and if we can tackle that, we'll be
20 talking in circles and around each other. So
21 that's very, very important.

22 Are people comfortable with that, at

1 least from this point? And then we'll look to
2 the committee to help us refine and define that,
3 the way of our thoughts.

4 I see some struggled looks and I'll
5 have to admit I struggled a little bit too. But
6 I definitely understand Sherry's perspective.
7 I'm not sure where this gets picked up if we
8 don't do it.

9 Now, we may turn to the best practices
10 group and say, help us with the best practices of
11 these two areas.

12 MS. BORENER: Yes.

13 CHAIR HERETH: Does that make sense,
14 Sherry?

15 MS. BORENER: Absolutely.

16 CHAIR HERETH: We may actually turn to
17 them and they may be providing us detail on
18 mechanics that they will refine.

19 But I think for sure we've got to
20 start with what we expect out of this and what
21 outcomes do we want. They're pretty high on the
22 level.

1 Other thoughts on that, on those two,
2 on 3 and 4? You have to understand, Sherry,
3 those of us that are sitting in the room are
4 looking at this outline and seeing --

5 MS. BORENER: Seeing your heart stop.

6 CHAIR HERETH: -- seeing the immensity
7 of this.

8 MS. BORENER: Yes, I know.

9 CHAIR HERETH: And then realizing the
10 task master who just walked in the room, who's
11 going to expect all this work to get done, your
12 timing is impeccable.

13 MS. BORENER: Right. So that's okay.
14 I mean, I'm working from the outline. So I
15 wanted to make sure that we, and it's very
16 important, I think to again, to keep that view.

17 CHAIR HERETH: Yes.

18 MS. BORENER: You don't have to tell
19 them how to do it. You just have to tell them in
20 the report --

21 CHAIR HERETH: Right.

22 MS. BORENER: -- that you think this

1 is an important thing to do.

2 CHAIR HERETH: Yes. And then these
3 are some of the things that we think are really
4 important.

5 MS. BORENER: Right.

6 CHAIR HERETH: Some of the detail.

7 MS. BORENER: Right.

8 CHAIR HERETH: Absolutely. So let's
9 look at this fifth area which is the data
10 management, which gets the governance the
11 controls and transparency and assets and
12 security.

13 See to me, my sense is that falls
14 within the technology group and I'm looking at
15 Christie as I say that. But see Christie, we've
16 had some interesting discussions about, that some
17 of these other topics may be picked up by other
18 groups.

19 So what it may be that, is that we
20 have to define what it is we expect and what
21 outcomes we want from a process standpoint, and
22 then we're going to turn to the best practices

1 group to help us figure out the mechanics and to
2 the technology group also to help us understand
3 more of the how.

4 So one of the principles that we're
5 using is that, at least initially, we're going to
6 focus on what, what is it that we want in each of
7 these areas, and then the how will get focused on
8 as we move along and we'll get help from the best
9 practices group, from the technology group, as
10 well as regulatory and legal. Does that make
11 sense?

12 MS. MURRAY: Yes. And I also want to
13 believe areas where are going to be a little bit
14 interesting because it's not going, it's not
15 obviously clear if this technology is process
16 sharing, and so I naturally would expect some of
17 these to be hand-shaped with the other
18 subcommittees.

19 CHAIR HERETH: Yes.

20 MS. MURRAY: Or even handing it off,
21 getting the agreement to accept it, because maybe
22 handing off of it will really make sense for it

1 to belong somewhere else.

2 CHAIR HERETH: Yes.

3 MS. MURRAY: All right.

4 CHAIR HERETH: Yes. But we've hit
5 some really good discussion around, you know, the
6 value of near misses, of understanding root cause
7 analyses, looking at close calls, taking
8 anecdotal information and figuring out how to get
9 real value out of it.

10 And if you can't, that puts it in a
11 different light. Things like that. So and those
12 all relate to quality and how you verify data and
13 things along those lines.

14 MS. MURRAY: Also, keep in mind the
15 object of the meeting, the best practices
16 subcommittee is a service group to you all.

17 CHAIR HERETH: Yes.

18 MS. MURRAY: You need something that
19 you really don't have the bandwidth to research,
20 the equipment to research to it, while this group
21 is moving on is another thing --

22 CHAIR HERETH: Yes.

1 MS. MURRAY: They're expecting to get
2 a few taskers back to them saying hey, we, along
3 with the team of best practices, do a little bit
4 of research around these topics here.

5 CHAIR HERETH: Right. And so, Sherry,
6 maybe what we're getting to is that ultimately we
7 would take this on within our scope, maybe all
8 three of these, but that we'll turn to the best
9 practices group --

10 MS. BORENER: Okay.

11 CHAIR HERETH: -- to say what are the
12 best practices that other industries have used to
13 do these things. And we won't get caught in, we
14 get caught down that, but when we, we actually
15 talked with Eric a little bit, who's the chair of
16 that group, at the beginning this morning and
17 talked about how we actually might do some joint
18 meetings together. So, okay.

19 MS. BORENER: Okay.

20 CHAIR HERETH: So let's take this --

21 MS. BORENER: All right.

22 CHAIR HERETH: -- and go back because

1 I think you have a more general task statement
2 above this, right?

3 MS. BORENER: It's a very simple, yes.
4 And you'd probably want to refine that.

5 CHAIR HERETH: So this one right here?
6 Yes. You need to bring that up, yes, right in
7 there. And so let's figure out how to refine and
8 simplify this to capture that discussion that
9 we've just had.

10 Do you want to start by kind of
11 walking us through this, Sherry, or should we
12 just hit it head on?

13 MS. BORENER: You should, I mean this
14 is a just very simple task statement so, it's
15 just, the key is recommendations that are in the
16 final report.

17 So this subcommittee reports up to the
18 committee. You don't make independent
19 recommendations. So you know, although you
20 pretty much are on a committee, but you'll make a
21 set of recommendations to the general committee
22 and then they will make a decision about what

1 goes into the final report. Right, Christie?

2 MS. MURRAY: Correct.

3 MS. BORENER: I said that right.

4 Okay.

5 MR. JENSEN: Allow me to ask a very
6 elementary question.

7 CHAIR HERETH: Sure.

8 MR. JENSEN: Isn't the task
9 description goal today, to paraphrase, to
10 paraphrase in paragraph form --

11 CHAIR HERETH: Yes.

12 MR. JENSEN: -- everything that we
13 just discussed now.

14 CHAIR HERETH: Yes.

15 MS. BORENER: Yes, if you want, yes.

16 CHAIR HERETH: Yes.

17 MR. JENSEN: So that someone outside
18 of the subcommittee can read it and have a feel
19 for what our agenda is.

20 CHAIR HERETH: Yes, exactly, exactly.

21 MS. BORENER: Okay. So we would just
22 eliminate this and then write down that we will

1 address these, the topics, don't worry, this is a
2 copy.

3 CHAIR HERETH: Yes.

4 MS. BORENER: So I'm not going to try
5 to wordsmith it, but what we want to do is say
6 that we're going to address these topics, data,
7 the main headers, information shared, data
8 sources, et cetera.

9 And I think there were some key
10 thoughts about how we were going to address it
11 that I'd like to capture.

12 CHAIR HERETH: Sure.

13 MS. BORENER: So that's what I, I
14 mean, I'm trying to do some of that over here.

15 CHAIR HERETH: Okay.

16 MS. BORENER: Our responsibility to is
17 to define what we expect from each one of these
18 activities, et cetera, group on technology and
19 others.

20 So let's go back and say, you know,
21 what would the action of this committee be, the
22 end product of this subcommittee will be, this

1 subcommittee will produce --

2 CHAIR HERETH: You'll be getting with
3 the end in line.

4 MS. BORENER: Yes, I do. We'll
5 produce A, so you know, remember we had these
6 deliverables down at the bottom --

7 CHAIR HERETH: Yes.

8 MS. BORENER: -- but we don't have to
9 have that. What will we produce as our output in
10 August?

11 MR. JENSEN: Well, ultimately it's the
12 recommendations of the VIS group.

13 MS. BORENER: Yes.

14 MR. JENSEN: That includes types of
15 information and data to be shared amongst the
16 stakeholders.

17 MR. JONES: Yes.

18 MR. JENSEN: This includes things like
19 --

20 Mr. JONES: Yes and that's a great
21 simple sentence. Yes.

22 MR. JENSEN: And everything that we

1 talked about this morning, root cause failure
2 analysis, success stories, other testaments.

3 MS. BORENER: Sorry about that.

4 MR. JENSEN: Near misses, good
5 catches.

6 MR. JONES: Yes, close calls will be a
7 good one.

8 CHAIR HERETH: Yes.

9 MS. BORENER: And technical data like
10 inline inspections.

11 MR. JENSEN: Yes.

12 MS. BORENER: I'll leave that open.

13 Mr. JONES: Tools to be used.

14 MR. JENSEN: Actually, yes --

15 MR. JONES: The tools that will be
16 used for -- I got that.

17 CHAIR HERETH: Yes.

18 MR. JONES: Going back to the first
19 sentence, I think that's awesome, and is it
20 inclusive or exclusive?

21 CHAIR HERETH: So help us understand.

22 MR. JONES: Well, when you say we

1 normally will not waive it, you know, lawyers
2 tell us to say this but we'll say it, including
3 but not limited to --

4 MR. JENSEN: Yes. It's not limited to,
5 I don't think. Over the course of the next
6 months if we continue to meet and we'll get more
7 granules so we shouldn't say not limited to.
8 That's my take.

9 CHAIR HERETH: Yes, so this includes
10 but not limited to, not there, right before root
11 cause is what you're saying or in the --

12 MR. JENSEN: Short of wordsmithing, we
13 don't want to limit ourselves to just this.

14 MR. JONES: Yes, that's what I'm
15 saying.

16 CHAIR HERETH: Yes. Absolutely. But
17 the first sentence, I think you're actually, yes,
18 the not limited to right there, right?

19 MS. BORENER: Right. Okay.

20 CHAIR HERETH: So let me suggest
21 something here. I think we've agreed across the
22 two meetings that we've had that it's really

1 assessment data, right?

2 It's ILI, it's higher testing and it
3 under technology. I think we actually, I don't
4 know if we actually officially voted on that, but
5 I know we talked about it in the last meeting and
6 had everybody say, yes, it covers all assessment
7 data.

8 MS. MURRAY: You might want to make a
9 note to validate that assumption with the
10 Mission group and the technology division.

11 CHAIR HERETH: Okay.

12 MR. JENSEN: I think that's a good
13 idea. I do recall it. I think it was our second
14 face-to-face meeting or our third --

15 CHAIR HERETH: Yes.

16 MR. JENSEN: -- where we had
17 presentations --

18 CHAIR HERETH: Yes.

19 MR. JENSEN: -- from various operators
20 and inline inspection members --

21 CHAIR HERETH: Yes.

22 MR. JENSEN: -- and the consensus

1 around the table was, we don't want to get into
2 this granular detail, we want a larger picture
3 that is going to allow key stakeholders to learn.

4 So I do appreciate the term assessment
5 data. That's been going to open the window to
6 Denver. In that respect it's just a technology,
7 the tools that we put inside the scheme.

8 CHAIR HERETH: Yes. So you made a
9 really important point earlier which is that's
10 not just the tools and I would argue it's the
11 process.

12 It's the tools in combination with the
13 analyst, with the operator, with all the people
14 involved in managing that data.

15 It's not just the technology itself.
16 It's a process. And it's --

17 MR. JENSEN: Yes.

18 CHAIR HERETH: So, Walter, when you
19 were talking about learnings before, I think one
20 of the things that we talked about in the first
21 couple of meetings was to stay at the level of
22 sharing the lessons learned from applying the

1 technology, the processes, not necessarily to
2 strip Sherry of all the discrete data.

3 But I don't know that we want to, I
4 don't know that we want to eliminate that or
5 preclude that?

6 MR. JONES: Yes. I remember, you were
7 definitely very strong on that. But I don't know
8 that everyone was.

9 CHAIR HERETH: Okay. That's fair.

10 MR. JONES: Yes.

11 CHAIR HERETH: That's fair. So I
12 wouldn't say we should call it pipeline
13 assessment data. Now, the tools used is an
14 interesting one. Do you want to talk a little
15 bit more about that?

16 MR. JONES: I think you talked to
17 that.

18 CHAIR HERETH: No, no, no. Actually I
19 like it. I think it's important. I'll give you
20 an example, okay. One of the things that we have
21 as an issue is we have different understandings
22 as to what different technologies and proper

1 things to do.

2 So for example, if we take an axial
3 MFL table, there's some, there are service
4 providers and operators who will say, I can find
5 cracks in a circumferential intercurved well.

6 And then there's a whole another group
7 that say no, we can't. Well, when we don't have
8 a common understanding, we have a problem.

9 And so I, what I like about you adding
10 that is I think this needs to be in our thinking.
11 Leif, are you good with this? At least in our
12 initial thinking? This idea of defining of what
13 tools can do or not do?

14 MR. JENSEN: Very simplistically.

15 MS. BORENER: Okay, so --

16 CHAIR HERETH: And maybe that's
17 getting too much detail --

18 MS. BORENER: Yes. So I, so this is
19 one of the few times I'm going to call technology
20 committee. So what do the inspection tools do
21 and what is the quality of their analysis is
22 different than what do the tools that support

1 information sharing do.

2 So the tool that --

3 CHAIR HERETH: Okay. Yes, yes.

4 MS. BORENER: -- that provides a --

5 CHAIR HERETH: Yes.

6 MS. BORENER: -- synthesis of that
7 information for group consumption is, I think,
8 what your focus is here, in this particular case.

9 CHAIR HERETH: So I'm going to make a
10 suggestion because you're really highlighting
11 something that we've got to work out in our text,
12 in our terminology.

13 Because we use tools so frequently
14 when we talk about assessment, is there something
15 else we can call the tools that we would be using
16 from the analysis side down in here, can we call
17 those analysis tools or, because I think --

18 MS. BORENER: Sure.

19 CHAIR HERETH: -- what I find is in
20 you're pointing out, that we're mixing the
21 terminology and I think that creates issues. I
22 just did that, right?

1 MS. BORENER: So, and it does, so
2 that's why taxonomy is so --

3 CHAIR HERETH: Yes, it is, exactly.

4 MS. BORENER: Yes, data analysis
5 tools, if you want to call them DAT or something,
6 data analysis tools, that will be used --

7 CHAIR HERETH: Okay.

8 MS. BORENER: -- synthesize --

9 CHAIR HERETH: Yes.

10 MS. BORENER: -- so I'll put that
11 here, that will be used to synthesize shared
12 information for group, for stakeholder --

13 CHAIR HERETH: For stakeholders I
14 think is good.

15 MS. BORENER: Okay. And so, you can
16 always do more --

17 CHAIR HERETH: Yes, yes.

18 MS. BORENER: Because your performance
19 plan is good here, right?

20 CHAIR HERETH: Yes.

21 MS. BORENER: So you've got those two
22 things done.

1 CHAIR HERETH: Yes.

2 MS. BORENER: You'll feel really good
3 and you'd be able to actually, the other things
4 that would grow out of that --

5 CHAIR HERETH: Yes.

6 MS. BORENER: -- which is --

7 CHAIR HERETH: Yes.

8 MS. BORENER: -- you know, how do you
9 do that and so on.

10 CHAIR HERETH: Right.

11 MS. BORENER: So you can say this is
12 our mission and then say among the topics that we
13 will address, we will do our best on 1, 2,
14 however, and we'll, you know, if possible, we
15 will be, we will provide recommendations on 3, 4,
16 and 5.

17 You can also do that. So you could
18 say, anything in their task statement so that you
19 know that you can hit the mark if you've said
20 what data, when, and how.

21 CHAIR HERETH: So, let me, maybe ask
22 it this way because I think you're raising a fair

1 question, why wouldn't we try to tackle 1 through
2 5 the way you're saying?

3 MS. BORENER: There's no reason that
4 you --

5 CHAIR HERETH: Other than it's a big
6 scope.

7 MS. BORENER: It's a very big scope
8 and what you want to call it done as time
9 permits. So how do you, how do you scope the
10 products if you've touched on each of these five
11 things in some way or another.

12 Maybe made a general recommendation.
13 Are you in scope. You know, I do too much
14 contracting. But I'm trying to, I'm trying to
15 make sure you're going to succeed.

16 CHAIR HERETH: Right. Well I think
17 that's why you see the hesitation on our faces --

18 MS. BORENER: Right, right.

19 CHAIR HERETH: -- is that this is a
20 lot to take on and so then, so then I think the
21 question we have to ask is, is, so actually if
22 you could move down the page to 3, 4 and 4 --

1 MS. BORENER: Right.

2 CHAIR HERETH: And Christie, can I
3 actually put you on the spot for a moment.

4 MS. MURRAY: Sure, why not.

5 CHAIR HERETH: Because you're the
6 person who sees the big picture here.

7 MS. BORENER: I'll make it just a
8 little bit bigger here.

9 CHAIR HERETH: Do you see these as
10 being pieces? So I think, let me say this and
11 take a step back. I think all of us in the room
12 feel very comfortable taking on 1 and 2.

13 But those are clearly something that
14 we need to do. I think what's interesting is
15 that 3, 4, and 5, are very important to doing
16 these well, and so then the question becomes, are
17 these things we should take on and simply focus
18 on what it is we expect to get out of these to do
19 this well.

20 Or do these clearly fall onto
21 somebody's scope, like a technology group for
22 example. If we don't know right now, that's

1 okay.

2 What we need to work, because the
3 things that Sherry is raising are really
4 important. We need to tackle somewhere. And
5 what we're finding today for example is, we need
6 to tackle common terminology, taxonomy, and
7 things like that because in order to talk about
8 this, well, we have to have good definitions.

9 MS. MURRAY: And other groups might be
10 interested in understanding how that looks from
11 here --

12 CHAIR HERETH: Yes.

13 MS. MURRAY: -- it would be an output
14 to them.

15 CHAIR HERETH: Yes.

16 MS. MURRAY: The common taxonomy will
17 be a part of really all subcommittees because as
18 they're working, they may have terminology that
19 leads back to the overall report and we to all
20 make sure that we're speaking the same language
21 in that regard.

22 So I would say 4 to the extent of how

1 it applies to 1 and 2.

2 CHAIR HERETH: Okay.

3 MS. MURRAY: Not for the whole group
4 because everybody, all subcommittees, will need
5 to look at what definition, what taxonomy they're
6 using and bringing that forward so that we can
7 get common agreement among parent committee.

8 CHAIR HERETH: Yes.

9 MS. MURRAY: You know, at the right
10 times. Three, that probably is a good fit for
11 the R&D technology group with the caveat that it
12 would deal with the, you know, the conversation
13 between the two groups.

14 CHAIR HERETH: So I don't want to put
15 words in your mouth, Sherry, but I think what
16 you're thinking is, I'm beginning to see this, I
17 think, is that our group would sort of define,
18 not sort of, would define what sort of analyses
19 we think need to occur.

20 MS. BORENER: Yes.

21 CHAIR HERETH: And then there's a
22 technology group that would define --

1 MR. JENSEN: How to do it.

2 CHAIR HERETH: How to do it.

3 MS. MURRAY: Right.

4 CHAIR HERETH: Okay.

5 MS. MURRAY: The what versus the how.

6 CHAIR HERETH: And this goes here. So
7 we started with this what versus how and then
8 we're largely what. And I think -- yes, go ahead,
9 Leif.

10 MR. JENSEN: So in the spirit of
11 trying to offer our task description --

12 CHAIR HERETH: Please do.

13 MR. JENSEN: No, no. I don't think
14 it's our objective today to, how am I, what our
15 expectations are for 3 through 5.

16 CHAIR HERETH: Yes.

17 MS. BORENER: Yes.

18 CHAIR HERETH: Exactly.

19 MR. JENSEN: Even if it takes the next
20 six months to really fine tune that because --

21 CHAIR HERETH: Right.

22 MR. JENSEN: -- in the end, it's all

1 going to be the form of a recommendations to the
2 secretary --

3 CHAIR HERETH: Yes.

4 MR. JENSEN: -- and then after that,
5 whether it's through statute or whatever --

6 CHAIR HERETH: Yes.

7 MR. JENSEN: -- or how the process
8 exists.

9 CHAIR HERETH: Yes.

10 MR. JENSEN: Then the teams will get
11 together to actually do it.

12 CHAIR HERETH: Right.

13 MR. JENSEN: So I think it's this
14 subjective, to clearly define what our
15 expectations are, as it relates to 3 through 5.

16 CHAIR HERETH: That's perfect.

17 MS. BORENER: Okay.

18 CHAIR HERETH: And that fits, that's
19 perfect. And then we're done, we take a break
20 then.

21 MS. BORENER: I'm loving it. So this
22 subcommittee will produce a recommendation to the

1 VIS group, the VIS committee, that includes types
2 of information and data to be shared among key
3 stakeholders.

4 This includes but is not limited to
5 RCA, good catches, close calls, and pipeline
6 assessment data and process outputs or something
7 like that.

8 Now, with respect to data analysis, so
9 it looks to me that, like this sentence would
10 come out and we would say, we would make specific
11 recommendations about the types of information
12 and data to be shared and their purpose and the
13 sources of that data period.

14 CHAIR HERETH: Yes.

15 MS. BORENER: And then we would make
16 clear to the committee what are our expectations
17 would be for the data analysis integration and
18 data management and fusion. Okay. And then
19 you're done.

20 There really does say what you're
21 going to do and you don't have to tell him how
22 you do the task --

1 CHAIR HERETH: Right.

2 MS. BORENER: -- here.

3 CHAIR HERETH: Right.

4 MS. BORENER: So that defines the
5 task. Now, the next thing that happens is,
6 because we have a little bit of time, so, Kate --

7 CHAIR HERETH: Kate.

8 MS. BORENER: Kate.

9 CHAIR HERETH: Kate is on the phone,
10 yes.

11 MS. BORENER: Kate, I'm going to try
12 to send you an email with this on the break so
13 you can see what's on here because we don't have
14 a live connection for you, but I'm not online yet
15 so I'm going to do that. Milestone --

16 MS. BLYSTONE: Thank you, Sherry. You
17 read my mind.

18 MS. BORENER: Okay. I'll get it to
19 you as soon as possible. Targets and milestones.
20 This is really your next challenge, is to say
21 how, if that's your task, and you have between
22 now and, what do we have, I believe it's June,

1 right, to really come up with our basic
2 framework, how do we get from that task to
3 something that we're going, is going to be on a
4 piece of paper.

5 I'm assuming that what we're going to
6 do is produce a report and we may have some
7 addenda to the report that are, you know,
8 presentations, materials that people come to the
9 committee with and give you.

10 So how do you get from that task
11 statement to that report, that's the challenge.
12 If the final report looks like a set of
13 recommendations on 1 and 2, and requirements for
14 3, 3, and 5 with addenda, then we could go
15 backward from there and say, well, we would task
16 this subcommittee to give us information on this.

17 Or we want to meet together with, you
18 know, and so on. That's your steps now. And if
19 you wanted some permanent members of this
20 subcommittee who are experts in one or the other
21 of these topic areas, you could start thinking
22 about who they might be.

1 CHAIR HERETH: Okay.

2 MS. BORENER: So but that's, so let's
3 say we know now what we're going to do, 1 and 2
4 for sure, 3, 4, and 5, how we would like it to
5 be.

6 CHAIR HERETH: Right.

7 MS. BORENER: Okay.

8 CHAIR HERETH: And I think, so I don't
9 think we need to capture this in the task
10 statement, but I think when we discuss this
11 tomorrow, that we need to talk about, we've begun
12 to see some of the key interfaces with some of
13 these other subcommittees, and that clearly with
14 respect to 3, 4, and 5, we think we're going to
15 want to have the best practices subcommittee help
16 us understand what other industries are doing in
17 those areas.

18 And when I say 3, 4, and 5, that's the
19 data analysis, integration and fusion and the
20 last one. Does that make sense? That we'll
21 identify those for people tomorrow and that with
22 respect to mechanics that we're going to be

1 turning to the technology committee to really get
2 their perspective on the mechanics, but we feel
3 like the mechanics fall in their scope. What
4 we're really defining is what we expect out of 3,
5 4, and 5. Right, to use your words I think.

6 MS. BORENER: So, and I am going to
7 ask you're here, Christie, when we set up our
8 deliverables, could we have just the deliverable
9 number one for instance, preferred information
10 sharing design as our, I mean, as our
11 recommendation which would be the short document
12 describing the preferred attributes of the
13 information based upon our information collection
14 analysis. So that would be our deliverable.

15 CHAIR HERETH: Well, but we might take
16 your, I'm going to call it Leif's second
17 statement which is defining what we expect out of
18 3, 4, and 5, and that might actually be a
19 separate deliverable or do you see, or could be a
20 part of that first one.

21 MS. BORENER: Yes, these actually.
22 Yes, so, this one recommendations on the

1 governance's model, we could turn that into a
2 second deliverable. A roadmap isn't necessary.
3 I mean, again, I just --

4 CHAIR HERETH: Yes.

5 MS. BORENER: -- put a bunch of
6 different ideas --

7 CHAIR HERETH: No, that's great.

8 MS. BORENER: -- up so that you can

9 CHAIR HERETH: That's good.

10 MS. BORENER: -- have some thoughts
11 about what those deliverables would look like.
12 But these are the places to, I think, tweak your
13 --

14 CHAIR HERETH: Yes.

15 MS. BORENER: -- testing and --

16 CHAIR HERETH: Yes.

17 MS. BORENER: Because you have to get
18 it voted on tomorrow.

19 CHAIR HERETH: Yes.

20 MS. BORENER: So right now --

21 CHAIR HERETH: But for our task
22 statement for tomorrow, what we really need is

1 that simple task statement --

2 MS. BORENER: Right.

3 CHAIR HERETH: -- right, and you're
4 going to do some work on that.

5 MS. BORENER: I'm going to work on
6 that --

7 CHAIR HERETH: Okay. Perfect.

8 MS. BORENER: -- when we break and
9 I'll put that back up on the slide --

10 CHAIR HERETH: Perfect.

11 MS. BORENER: -- so that you can
12 actually wordsmith it and vote on it.

13 CHAIR HERETH: Okay. Could, before we
14 take a break, could we, see the one point I want
15 to make is that Walter talked about prioritizing
16 things earlier and now that I'm looking at this,
17 we're going to need to prioritize things here.

18 So, right? You saw that earlier than
19 I did. And that's why I love being here. So I
20 think, we're not necessarily going to be able to
21 do that today, but I wanted to raise this because
22 I think in the back of our minds, we're going to

1 have keep a good priority, we're going to have
2 prioritize this and really figure out what we
3 want to do and in what order and put some real
4 careful thought into that.

5 Because this is, and, I'll just give
6 one example and then I'll stop talking about this
7 for the moment and let you guys weigh in, but,
8 you know we may start by saying best practices
9 subcommittee help us understand how other
10 industries have done this really well.

11 And we might bring experts in from
12 other industries, other applications who could
13 help us understand this, so that it's not as big
14 a burden on the subcommittee as I suspect that 1
15 and 2 will be initially. Is that at least
16 plausible as an idea, I mean, we might not end up
17 there.

18 MR. JENSEN: I guess one fundamental
19 question I have --

20 CHAIR HERETH: Yes.

21 MR. JENSEN: -- when it comes to our
22 deliverable that expected in June, how granular

1 is it? Is it a two-page report, is a 20-page
2 report?

3 CHAIR HERETH: It's a good question.

4 MR. JENSEN: Is it a 100-page report?

5 MS. MURRAY: It's, if I may put my two
6 cents in, it is whatever. It can be one page if
7 gives all the information that I need in terms of
8 what you recommend and what's required.

9 Keep in mind that your recommendations
10 should be underpinned by lashing out, providing
11 that makes sense.

12 CHAIR HERETH: Okay.

13 MS. MURRAY: Or any assumptions so as
14 you're going through this, we need to, if they're
15 constraints, assumptions, and limitations
16 throughout the process, that you are documenting
17 those so that you're touching on those, the
18 report should read as anyone, you know, assuming
19 it, it will be a public document, so anyone off
20 the street should be able to pick it up and be
21 able to follow it and say, oh, okay, we
22 understand why they're recommending that.

1 So it's as much the recommendation as
2 to why this group felt those recommendations were
3 important. So the page number is less important
4 as the quality of the content.

5 CHAIR HERETH: So let me make a
6 suggestion to think about. Could we have as a
7 possible topic in one of our main committee
8 meetings coming up, a deeper discussion on this
9 because I have the same question that Leif does.

10 I think a number of us probably do.
11 What, and I think once we get into this a little
12 bit, so I don't know that it's, it's not next
13 month but it might be the month after or our next
14 meeting.

15 It could be April but it's, let's have
16 a deeper discussion about what is the level of
17 detail, the level of content we want to have so
18 that we're all thinking in that same context,
19 because that question arises very quickly when
20 you begin to think about this, right?

21 MS. MURRAY: Right.

22 CHAIR HERETH: Yes.

1 MS. MURRAY: I would say that be
2 thinking about what you'd like to recommend --

3 CHAIR HERETH: Yes.

4 MS. MURRAY: As a part of that
5 conversation. Because in the meantime between
6 now and April, you guys may say, we really need
7 to just stay at this level and above.

8 CHAIR HERETH: Yes.

9 MS. MURRAY: And so you might want to
10 go into that conversation with some of those
11 ideas.

12 CHAIR HERETH: But I think we're going
13 to probably learn from our peers where they're
14 struggling on this or may have great successes
15 where we could learn from what they're thinking
16 as well.

17 I think knowing this group now, we
18 will definitely have some thoughts.

19 MR. JENSEN: And it's going to help us
20 in the end of the day.

21 CHAIR HERETH: Yes.

22 MR. JENSEN: Prioritize everything

1 that we just discussed.

2 CHAIR HERETH: Exactly.

3 MS. MURRAY: And in terms of
4 prioritization, also think about what we have to
5 do as part of the mandate first.

6 CHAIR HERETH: Yes.

7 MS. MURRAY: And it's just in the back
8 of your mind.

9 CHAIR HERETH: Yes.

10 MS. MURRAY: If we get nothing else
11 done, we have a wish list versus things that
12 we've got to touch on these as part of the
13 recommendation if nothing else.

14 CHAIR HERETH: Yes.

15 MS. MURRAY: That'd be mine.

16 CHAIR HERETH: That's good. Thank
17 you. Thank you.

18 MS. BORENER: Okay. So I'm going to
19 keep that in here. Let's see if I can go back.
20 What level of data is required, prioritization.

21 CHAIR HERETH: Yes.

22 MS. BORENER: I'll put, and there was

1 a third topic which is coordination.

2 CHAIR HERETH: Yes, and that's really
3 the coordination with other subcommittees.

4 MS. BORENER: Okay. All right. So -
5 -

6 CHAIR HERETH: And I'd actually call
7 that prioritization of work. The second bullet.
8 It's really the prioritization of our work, I
9 think, right?

10 MS. BORENER: Yes. What do I do when
11 I come to work in the morning. What do I do now.
12 Okay. So we're good with that.

13 All right. I am going to try to
14 capture this thing so I'm back now to the
15 document itself. Let's, if you don't mind doing
16 it aloud.

17 CHAIR HERETH: Sure.

18 MS. BORENER: Where did it go. I
19 hate this, I hate Windows 10. I hate Windows 10.
20 And somebody did it to me right before --

21 CHAIR HERETH: Oh, don't you love it.
22 Yes.

1 MS. BORENER: Yes.

2 CHAIR HERETH: That happened in one of
3 the GPAC meetings where people got new versions
4 and then.

5 MS. BORENER: Sorry, guys. I have to
6 take a quick technical break here.

7 CHAIR HERETH: Should be that Word
8 file there.

9 MS. BORENER: This one?

10 CHAIR HERETH: No.

11 MS. BORENER: No.

12 CHAIR HERETH: No.

13 MS. BORENER: No.

14 MS. THEBERT: Kate, this is Michelle
15 from Georgia. I'm trying to think. I feel like
16 we get too much in the weeds on 3, 4, and 5, I
17 agree. That seems like -- so show me committees
18 by definition is, I think, maybe the main groups,
19 like here are the definitions you're using versus
20 us trying to come up with our own and then
21 integrate what someone else's definition is. I
22 don't know if that's what you get definitions or

1 common language. But I am, just kind of asking,
2 the purpose of this committee is to, figure -- or
3 subcommittee is to figure out what data should be
4 shared or how to share it. Figuring, what data
5 should be shared. So not how or mechanics,
6 that's what, I mean, where are we?

7 MR. LAMONT: I think we can use some
8 conceptual on the process, right?

9 CHAIR HERETH: Yes.

10 MR. LAMONT: Right.

11 CHAIR HERETH: Yes.

12 MR. LAMONT: And then, you know, the
13 best practices is going to help take it from
14 there, right?

15 CHAIR HERETH: Yes.

16 MR. LAMONT: And then the technology
17 is whatever we, in Best Practices that they've
18 got to figure out how to actually use that.

19 MS. THEBERT: The other statement is
20 we're all on mobile committees and we all have
21 other jobs too. I just don't want to overload
22 anyone with having so much that we can't do this

1 top two, what we need to do versus worrying about
2 3 through 5. That's the more, I feel it's
3 overloaded with, yes, with a lot.

4 MR. LAMONT: Well, I mean, I think we
5 all do, to some degree, and that's a fair
6 concern.

7 CHAIR HERETH: Yes, it absolutely is.

8 MS. BORENER: I'm sorry. I've got it
9 back up. So you feel that, so can we, would you
10 mind if we go right to this blue statement here
11 and then maybe work that a little bit more and so
12 that it's what you're looking for for the final
13 report out?

14 CHAIR HERETH: Yes, because, I just
15 want to make sure that, Christine, our
16 expectations for tomorrow morning is that we have
17 a clean task discussion, right.

18 MS. MURRAY: Correct.

19 CHAIR HERETH: And anything else that
20 we have to discuss is nice but this is really
21 what we're driving to get.

22 MS. MURRAY: Right. You want to make

1 sure we take over to the full committee, here's
2 what this submeeting will get accomplished.

3 CHAIR HERETH: Okay.

4 MS. MURRAY: They will need to vote on
5 it and then you can go forward and start
6 accomplishing these.

7 CHAIR HERETH: Okay. So Sherry, I
8 think that your first sentence captures 1 and 2
9 really well and this second sentence is nice in
10 that it qualifies one and provides some detail.

11 But what we really need is that second
12 sentence that gets at our expectations of the
13 outputs from data analysis, fusion, and whatever,
14 does that, does that make sense?

15 And then I think we can step back and
16 say, does that make sense from what we're trying
17 to do.

18 MS. BORENER: Say it again. So --

19 CHAIR HERETH: Do you want to do this
20 offline or what's the best way to do it?

21 MS. BORENER: Well, let me just see
22 if I understood you. What you --

1 CHAIR HERETH: Sure.

2 MS. BORENER: You would like this
3 thing to say exactly what the committee, this
4 subcommittee will produce, and then what does
5 subcommittee expects from others, other
6 subcommittees, is that --

7 CHAIR HERETH: No. I'm sorry.

8 MS. BORENER: No. Okay.

9 CHAIR HERETH: I didn't mean that, I'm
10 sorry. So your first sentence, the subcommittee
11 will produce a recommendation to the VIS, that
12 includes the types of information and data to be
13 shared among key stakeholders.

14 MS. BORENER: That's right.

15 CHAIR HERETH: That's perfect.
16 Because that's a great summary, I think, of 1 and
17 2.

18 MS. BORENER: Okay.

19 MR. JONES: Why wouldn't that be a
20 summary of 3, 4, and 5?

21 CHAIR HERETH: Well, it may be 3, 4,
22 and 5 except that the discussion we had about 3,

1 4, and 5, if you can bring those up there, is
2 that what we were talking about in 3, 4, and 5,
3 is that rather than getting into the detailed
4 things, that at least we would take on defining
5 what our expectations are or what it means.

6 MR. JONES: But why we would need to
7 get into the detail of that in our, if we're not
8 going to get into, we should, I don't know that
9 we need to get into the detail of that in the
10 task --

11 CHAIR HERETH: Task description.

12 MR. JONES: In the task description
13 because it is implied and we have not yet decided
14 to what granular level we're thinking.

15 CHAIR HERETH: Fair point.

16 MR. JONES: So it is implied from most
17 of this room that, and I personally think we will
18 probably end up capturing it, and work we do on 1
19 and 2, I think, at least 3 and 4, I don't know
20 about 5, but we'll begin to take on, you know,
21 we'll --

22 MS. BORENER: So --

1 CHAIR HERETH: Go ahead.

2 MS. BORENER: So we could say
3 something about how. So the next step, so we're
4 going to do this, we're going to look at the
5 types of information and data to be shared by key
6 stakeholders, and then you can say something
7 about the process by which the committee will do
8 that.

9 The committee will review, coordinate,
10 you know, evaluate information gathered from its
11 own sources and resources among the other
12 subcommittees and then synthesize that into its
13 best, it's recommendation or something like that.

14 So it would just be what will the
15 deliberations of the committee be.

16 MR. JONES: Right.

17 MS. BORENER: So do you want to say
18 something about that as the next sentence and
19 then that would touch on these other topics?

20 MS. THEBERT: When you say this would
21 be accomplished by, and this covers how --

22 MS. BORENER: By --

1 MS. THEBERT: I didn't hear what all
2 you said.

3 CHAIR HERETH: You said, in
4 coordination with other subcommittees, something
5 to that effect, right?

6 MS. BORENER: Right. Other
7 subcommittees, primary data collection of our
8 own, or, you know, primary, I'll put that in here
9 first.

10 Analysis, synthesis of our, of
11 information collected during this period, the
12 deliberation period, and prioritization. That
13 was the topic.

14 MR. JONES: The way I read this
15 sentence, we're saying we are going to do that.
16 We're going to do primary data collection, we're
17 going to synthesize information.

18 MS. BORENER: Yes. So I'm, so what
19 we are going to do. That's the question. How
20 will we come up with our recommendations?

21 MR. JONES: Oh, okay.

22 MS. BORENER: Okay. So how do we get

1 our recommendations?

2 CHAIR HERETH: And you're saying --

3 MR. JONES: That's a very good
4 question.

5 CHAIR HERETH: -- doing that by
6 collecting data, by talking with people, talking
7 with experts --

8 MR. JONES: Right. Okay.

9 CHAIR HERETH: Synthesize that
10 information collected and then we're going to
11 make recommendations, is that --

12 MS. BORENER: Yes.

13 CHAIR HERETH: That's really what the
14 -- so what you're defining there is the process
15 of what we're going to use.

16 MS. BORENER: Right.

17 MS. THEBERT: I think the data
18 collection is confusing because some people might
19 think it's actual like number --

20 MS. BORENER: Right.

21 MS. THEBERT: Some other way to term -

22 -

1 MS. BORENER: So --

2 MS. THEBERT: We're going to have a
3 brainstorm session to figure out what information
4 needs to be shared. I mean, I don't that's the
5 right word either.

6 MS. BORENER: So committee
7 deliberation can be --

8 MS. THEBERT: Yes.

9 CHAIR HERETH: Yes, that's good.

10 MS. BORENER: Okay.

11 CHAIR HERETH: I would say, I would
12 add to that consultations without second thoughts
13 on experts.

14 MS. BORENER: Yes.

15 MR. JONES: Of course.

16 MR. JENSEN: Or do you want to just
17 say industry of experts?

18 CHAIR HERETH: But I don't know,
19 outside our industry, because we want to look --

20 MR. JONES: Look outside the industry.

21 CHAIR HERETH: Sure.

22 MR. JONES: Okay.

1 MS. THEBERT: Inside the industry.

2 CHAIR HERETH: That's fair.

3 MR. JENSEN: FAA for example, maybe
4 medical and certainly, nuclear --

5 MR. JONES: No, you're right.

6 MR. JENSEN: There's a variety of --

7 MR. JONES: The only thing technology
8 is definitely going outside into nuclear.

9 CHAIR HERETH: Yes.

10 MS. MURRAY: Hey, Mark, when you guys,
11 when Sherry's done, we'll look at 5 again,
12 because 5 gets into who and how. Five gets into
13 who like, whose, what, like as you look at what
14 type of data. I think 5(b) is important because
15 you almost have to map who your users are but why
16 are you even asking for that data.

17 CHAIR HERETH: Sherry, you want me to
18 --

19 MS. MURRAY: I don't see how those
20 aren't coupled together and I'm just, from the
21 outside looking in.

22 CHAIR HERETH: Yes.

1 MS. MURRAY: But when I think about
2 it, whenever we do like data collection
3 internally and what we generally get from
4 external stakeholders who're asking us why we
5 want this information from us.

6 They always want to know why do you
7 need it, who's going to use it, and is it going
8 to be just used as internally or is it going to
9 be made public.

10 I don't see how you can have that
11 conversation about types of data without getting
12 into who would like to use that type of general
13 data.

14 MS. BORENER: So this would be an
15 identification of the key stakeholder so that --

16 MS. THEBERT: Yes, who's our audience,
17 like who --

18 MS. MURRAY: Right. I think that it
19 gives it a little flexibility on, the type of
20 data will be to, will dictate part of that and
21 the language from the statute is vague enough to
22 give you the flexibility to define that here,

1 which is a good thing.

2 CHAIR HERETH: Right.

3 MS. BORENER: So, but is that, I'm
4 going to put this here and just as a devil's, who
5 are the key stakeholders.

6 To me, that's an assumption, that's
7 one of those assumptions that applies to every
8 committee and we all go, all of us should go in
9 assuming the same group.

10 Right, so if technology thinks a
11 different set of stakeholders are involved than
12 we think --

13 MS. MURRAY: I think this group is a
14 driver --

15 MS. BORENER: Okay.

16 MS. MURRAY: -- for the other groups,
17 to be honest.

18 MS. BORENER: Okay.

19 MS. MURRAY: Because you're coming up
20 with the type of information to be shared,
21 they're looking at you to lead the way and
22 they'll be happy to probably push back and say

1 this one needs to be added, I don't see why we
2 need that one, but I see this group as being the
3 initial teeing it up.

4 We think it's going to be operators,
5 we think it's going to be assessment service
6 providers -- technology would be happy to set
7 that up real quick and run with that piece.

8 You'll find that the public will be
9 interested in aggregate data, whatever those
10 situations are, but as we look at, and this is
11 just more of a guidance as you start to think
12 about the information and data share, you almost
13 already are doing it with the intent of who will
14 need and how they will use that data.

15 CHAIR HERETH: So --

16 MS. MURRAY: You're not asking how
17 you'll use, why are you collecting it.

18 CHAIR HERETH: So if you go down to
19 number 5 for a second because I understand where
20 this is going here. I just want --

21 MS. BORENER: Oops, sorry.

22 CHAIR HERETH: That's the data

1 management.

2 MS. BORENER: Yes. So the data
3 sharing users and the levels of permission and
4 the exchange, probably that's the most important
5 with respect to this governance's topic, right.

6 MS. THEBERT: Well, I think you need
7 to, one, like she was saying like --

8 MS. BORENER: Right.

9 MS. THEBERT: The audience who
10 automatically thought --

11 MS. BORENER: Right.

12 MS. MURRAY: The problem is not a
13 separate heavy lift. You'll find that as you're
14 trying to figure out what types of data, and if
15 you're really smart about it as you're having
16 that conversation, you're already thinking about
17 that to the writer and it's just a matter of
18 validating it here.

19 CHAIR HERETH: Squeeze this back down
20 here so we can get all 5 on the screen. So I see,
21 I want to challenge your thinking here a little
22 bit.

1 So with respect to the comment,
2 Christie, that you made about data to be shared
3 and its purpose, isn't that really up here?

4 MS. MURRAY: You can actually move, you
5 could move this 5(b) to (i), for example.

6 MS. THEBERT: I don't know if you want
7 to move the level of the permission but you need
8 to know who's using it.

9 CHAIR HERETH: Yes. So, and what I
10 liked, in your thinking, when you made the
11 statement about mapping the data to the user
12 which --

13 MS. MURRAY: And why they would use
14 that, how they would use that.

15 CHAIR HERETH: -- data bases --

16 MS. MURRAY: Very high level but --

17 CHAIR HERETH: Yes. Yes.

18 MS. MURRAY: You know, somebody's
19 going to get near misses and you know why.

20 CHAIR HERETH: So, I'm following that
21 but my sense is, in looking at this is, this is
22 much more about how to do it and what, and as

1 long as our focus on defining what we expect to
2 get out of this, then I'm okay.

3 If we get to the details of doing
4 this, I think that's a black hole. That's really
5 the technology division, I think.

6 MS. MURRAY: I think it is part
7 technology and I think it's beyond the
8 recommendations.

9 CHAIR HERETH: Yes, maybe that's
10 right.

11 MS. MURRAY: I think that, I think the
12 earlier point, at what level do the
13 recommendations will report be written, really
14 what you're teeing up is, and two things I'm
15 going to, you all need just to think about it.

16 One, what general types of data do we
17 believe we want to collect or make use of.
18 Existing, is there a gap. Is there information
19 sources today where you don't have to start from
20 scratch or is there any gap.

21 Two, even as you look as to obtaining
22 and acquire information beyond the recommendation

1 for it, should there be a, should this group
2 recommend that whoever looks at this further,
3 take a phased approach, meaning you're not going
4 to collect everything at once and use it all at
5 once.

6 But it makes sense to take a phased
7 approach and say let's focus on the existing
8 data. We already know that it's available from
9 various different sources, part B to B,
10 identifying the gaps later.

11 So all the work doesn't have to happen
12 here. The beauty in what you're doing from a
13 higher level is setting the frame work that can
14 be used beyond the recommendation board.

15 MR. JONES: So what I would suggest is
16 under degree, I would have a subset, then put,
17 you know, identify stakeholders and levels of
18 permission and that will go on under header
19 Sharing Users, and cover all of that.

20 MS. BORENER: So this would be --

21 MR. JONES: Under 3 or 1.

22 MS. BORENER: Right.

1 MR. JONES: 3(i), then whatever would
2 be the next indentation, will be identify
3 stakeholders and then level of permission, and
4 then you'll be covered.

5 MS. BORENER: Is the cursor in the
6 right place for that, right now, for what you
7 want me to do?

8 MR. JONES: Oh, I don't know about
9 that.

10 MS. BORENER: Oh, so here I am right
11 now.

12 MR. JONES: Yes.

13 MS. BORENER: Is this where you want
14 this to be?

15 MR. JONES: Yes. It's --

16 MS. BORENER: Okay. So I copied that
17 data sharing users and levels of permission up
18 here. So do you think this is the right place
19 for this or does this need to be an indentation?
20 I'm just trying to clarify.

21 MR. JONES: No, no guess that's fine.

22 MS. BORENER: That's fine. Okay.

1 CHAIR HERETH: It's good there for
2 now.

3 MS. BORENER: Okay. So I didn't take
4 it out of the other one. I just added it in here
5 so we could reflect it there. I would say --

6 MS. THEBERT: I'm sorry.

7 MS. BORENER: No, no, great.

8 MS. THEBERT: Maybe say like number
9 one is type information share, number two is
10 audience. Because this, 1 through 5 is just --
11 this is where we made changes, right?

12 MS. BORENER: Oh, I see it, yes.

13 MS. THEBERT: This is a suggested
14 framework.

15 MS. BORENER: Okay.

16 MS. THEBERT: When you say like 2
17 would be audience. Get rid of 5. Whatever we
18 can't use, can't we just get rid of those versus
19 having to break out --

20 MS. BORENER: You sure can.

21 MS. THEBERT: Integrate them.

22 CHAIR HERETH: Well, I wouldn't get

1 rid of 5 yet.

2 MS. THEBERT: No, I'm saying like the
3 ones that we already know --

4 CHAIR HERETH: Right.

5 MS. THEBERT: -- technology task or
6 someone else's task.

7 CHAIR HERETH: Right.

8 MS. BORENER: Audience, stakeholders,
9 is that what you're thinking as a number 2 here?
10 So instead of, so number 2 wouldn't be data
11 sources, it would be types of information and
12 data shared, audience and stakeholders will be
13 number 2, is that, can you see okay back there?

14 CHAIR HERETH: Can we just say
15 stakeholders? I think that's the term we've been
16 using because hardly differ.

17 MS. BORENER: They could be if
18 permissions are different. So, so, they are all
19 stakeholders in a sense but when you make
20 something public, you know, the public is in
21 general the stakeholder, it's just a question of,
22 you know, who and --

1 MS. THEBERT: I guess even the Senate
2 would be as, I guess a stakeholder.

3 MS. BORENER: Yes, they would be the
4 stakeholder. So, but you might have a, you might
5 have an interest group that is a stakeholder that
6 would get a level of information that will be
7 different than what you put out for my kid.

8 So, but anyway that is, so we have
9 that, so we're talking about the types of data
10 and then who gets to use the data and then how.
11 Where the data comes from and then how.

12 So you're talking about, it's those
13 five things, essentially. So what data, who gets
14 to use it, the, I guess the source of data.

15 CHAIR HERETH: So actually, can I stop
16 us there.

17 MS. BORENER: Yes.

18 CHAIR HERETH: So I'm trying to bring
19 our terminology maybe a little bit, take all of
20 this stuff and maybe make it a little bit
21 simpler.

22 We still need your supplements but at

1 the top at the top level we have data types --

2 MS. BORENER: Okay.

3 CHAIR HERETH: And then we added,
4 don't type this yet because I want people to
5 weigh in on this.

6 MS. BORENER: Okay.

7 CHAIR HERETH: Then we've got
8 stakeholders and audience. And then in order to
9 be able to find out what data types, we've got to
10 be able to get data types, we have to get data
11 sources, right?

12 MS. BORENER: Yes.

13 CHAIR HERETH: And then once we have
14 data, we have to manage that data and then once
15 we've, one we have it in a form that can be
16 managed, then we can do analysis and validation,
17 and then once we have a management system and we
18 have analysis and validate, it's validated, then
19 we can figure out how to integrate and fuse it,
20 use it together, right?

21 I think this is what you're trying to
22 capture. I think where I got confused is data

1 management is something you need to have to be
2 able to do these two well.

3 MS. BORENER: Those are, yes. So
4 data governance and controls is different than
5 data handling. When you're talking about data
6 management --

7 CHAIR HERETH: Yes.

8 MS. BORENER: I think you're talking
9 about I get this piece of data here and I copy it
10 over here and so on and I, you know, whatever.

11 CHAIR HERETH: Right.

12 MS. BORENER: That's different than
13 you and I get in a room and agree that I'm going
14 to let you see my data and you're not going to
15 sue me.

16 So that's a different --

17 CHAIR HERETH: Okay.

18 MS. BORENER: So data governance, and
19 governance is in control, so who can see the data
20 and how that's, that's an organizational process,
21 data handling, and you know, data preparation, et
22 cetera.

1 That is more of a mechanical process.
2 It's really what you were talking about there.

3 CHAIR HERETH: Okay.

4 MS. BORENER: So fusion has an, and,
5 so not worrying about the order of these things -
6 -

7 CHAIR HERETH: Yes.

8 MS. BORENER: I know what you're
9 trying to get to. All of the --

10 CHAIR HERETH: I'm trying to get to a
11 logical flow of what --

12 MS. BORENER: Right.

13 CHAIR HERETH: Actually happens when
14 you do this.

15 MS. BORENER: So maybe that's an
16 objective in the product.

17 CHAIR HERETH: Yes. Yes.

18 MS. BORENER: Maybe that's in our
19 task statement is to say, how is to really map
20 out that process.

21 CHAIR HERETH: Yes. Yes.

22 MS. BORENER: And then say what our

1 recommendations are if so within that, our little
2 product, we really say, how do we identify a
3 stakeholder.

4 How do we decide what data they're
5 going to collect or we're going to share, you
6 know, et cetera.

7 So we actually make that flow chart as
8 part of our output.

9 CHAIR HERETH: I think that makes
10 sense.

11 MS. BORENER: Okay.

12 MR. JONES: Mark, what's the
13 difference between types and sources?

14 MS. BORENER: Types?

15 MR. JONES: Data types and data
16 sources?

17 CHAIR HERETH: So a data type would be
18 a root cause finding. A data source would be a
19 root cause report or an NTSB report or a PHMSA
20 report.

21 So the source of that is different
22 than the data type.

1 MS. MURRAY: The source is who you are
2 going to get that information from.

3 CHAIR HERETH: Right, right as opposed
4 to the data. It's a fair question. Does that
5 help?

6 MR. JONES: Yes. I don't know. Just
7 keep going. I'm not there yet but --

8 MS. THEBERT: Okay. I'm trying to
9 think like, do we define audience first or define
10 the task. I'm trying to figure out like, what
11 comes first.

12 Here's like when you have available to
13 -- so you're saying we need new information,
14 current information, this is current, and of
15 course you have, here's what we have, who gets it
16 versus this ought to be this and this, and we get
17 new data. I don't know what --

18 MS. BORENER: Right.

19 MS. THEBERT: -- the best way to --

20 MS. BORENER: So the question is sort
21 of why you need the data. It's the first
22 question is, you know, do I need to know how you

1 knew that the Westin was at this coordinate or do
2 I just to know where the Westin is.

3 So sometimes you need a level of
4 information that's more detail because you want
5 to do something else with it but it's why you're
6 getting the data. So that could be up in the
7 task statement though.

8 The, you know, the motivation for
9 data.

10 MS. THEBERT: I mean, we can think of
11 a million reasons like, well, some --it's easier
12 to start with, here's what's available, let's
13 give it out or whatever or figure out how it gets
14 disbursed versus having to do all this new data
15 collection which is going to be --

16 MS. BORENER: No, I think you're onto
17 something really important there --

18 CHAIR HERETH: No, no, I agree.

19 MS. BORENER: Because the quality and
20 the volume of the data is probably the most
21 important driver for --

22 CHAIR HERETH: Yes.

1 MS. BORENER: -- what data you have
2 you have to pick.

3 CHAIR HERETH: Yes. So Sherry when
4 you put purpose, so you had types of data shared
5 and purpose --

6 MS. BORENER: Yes.

7 CHAIR HERETH: Doesn't the purpose
8 really get at tie, make the tie to the audience
9 and the stakeholders?

10 MS. BORENER: Yes and what is the
11 reason that you're collecting the data.

12 CHAIR HERETH: Okay.

13 MS. BORENER: So why do I need to
14 know your inline inspection data because then
15 that defines the frequency of the fidelity, et
16 cetera. All those qualities.

17 CHAIR HERETH: But I think it is an
18 important point that's being made that that needs
19 to factor in who the stakeholders are or the
20 audience, and the purpose of that data, right?

21 MS. BORENER: Right.

22 CHAIR HERETH: Versus sharing that

1 data.

2 MS. BORENER: So what would be the
3 good sense, it's a top level that says why we
4 collect the data. Michelle, back to what you
5 were saying.

6 So the subcommittee will produce a
7 recommendation, the type and data. So I think
8 before we even say that, we say something --

9 MS. THEBERT: Define the --

10 MS. BORENER: The goal of collecting
11 information.

12 MS. THEBERT: Right.

13 MS. BORENER: Of this information
14 sharing.

15 CHAIR HERETH: So the subcommittee
16 will define, is what you're saying?

17 MS. THEBERT: Define the, define the
18 recommended stakeholder group or maybe --

19 MS. BORENER: It could even be higher
20 than that. You can say, remember we started with
21 the assumption that VIS is good. We want to do
22 that.

1 CHAIR HERETH: So let me play the
2 devil's advocate. To keep this first statement
3 simple, aren't we capturing that by saying to be
4 shared among key stakeholders.

5 If we're trying to keep our task
6 statement or task description relatively simple,
7 recognizing that we need to account for this,
8 don't we do that in that first statement?

9 What I want, I want to try to keep the
10 task description as simple as we can. Does that
11 make sense?

12 MS. BORENER: Yes. That's good. I
13 want to just tease out, because we all stopped --

14 CHAIR HERETH: Yes. Sure.

15 MS. BORENER: When she asked the
16 question, right, so, so we recognize that's an
17 important topic what she's saying is, if I can
18 paraphrase, we know that there will, that, the
19 stakeholders have identified that information
20 sharing is critical, this committee will produce
21 a recommendation as to what data and types they
22 should be.

1 So, you know, I'm just putting a
2 preclude in here so that, in earlier part of the
3 sentence that captures this assumption. We know
4 our stakeholders want to exchange data. This
5 committee is going to say what types and so on.

6 CHAIR HERETH: So please try to
7 capture that in some way. And then what I'm
8 going to suggest is, we said 10:30, so --

9 MS. BORENER: We gotta go.

10 CHAIR HERETH: Let's take a break and
11 then let's try to get in some of the workers that
12 we drafted in here. So can we come back at
13 10:45. So let's take a break and we'll come back
14 at 10:45.

15 (Whereupon, the above-entitled matter
16 went off the record at 10:31 p.m. and resumed at
17 10:45 a.m.)

18 CHAIR HERETH: Okay, so, let's go
19 ahead, Sherry, if you're ready, let's go ahead
20 and restart.

21 MS. BORENER: Yes. Yes. I wanted to
22 make sure you --

1 CHAIR HERETH: Oh, yes, you can
2 certainly stay if you wanted.

3 MS. BORENER: Yes?

4 CHAIR HERETH: Oh, absolutely.
5 Because, this is important for you to see this
6 because we're going to have, so, let me suggest
7 how we might use the next block of time.

8 So, what I would like to do is to go
9 back through our task description that we
10 developed this morning and make sure that
11 everybody is on the same page there. So we'll go
12 through edit, revise whatever.

13 Then what I'd like to do is since
14 we've come out of that, is think about, in each
15 of these five areas, the types and purposes, the
16 sources, the analysis, the integration to manage,
17 where are we going to want to interface, at least
18 from what we know today, with other
19 subcommittees.

20 Like, best practices, whose Chairman
21 is now in our room. And what other, and we've
22 talked about some of those subcommittee

1 interfaces but I'd like to get those gathered so
2 we can figure out how to work with that.

3 Then what we'd like, then have you
4 come out of that, we'd like to talk about, are
5 there areas where we should bring in guest
6 speakers for other permanent members to our
7 committee where we need to go to the Chair to ask
8 if we can bring those members on to our
9 Committee.

10 Does that make sense in terms of how
11 we use our time at least for the next block?
12 Then that might take us to 12:15, is that good?
13 Okay.

14 So, take a moment and read through the
15 task description and Sherry is going to break
16 down what we're trying to capture, the key points
17 that we made in that discussion that we had at
18 the end.

19 And, Michelle, every time I write
20 this, if I'm not thinking about audiences and
21 stakeholders, just raise your hand like that and
22 I'll know what you mean, all right? That's going

1 to be our, that's part of our taxonomy.

2 (Laughter)

3 CHAIR HERETH: Right?

4 MS. THEBERT: Right.

5 CHAIR HERETH: So we'll do that.

6 MS. THEBERT: Okay.

7 CHAIR HERETH: So, thoughts or comment
8 on this?

9 MR. SUBSITS: You want to add seeking
10 management systems to the list?

11 CHAIR HERETH: And could we do that,
12 Joe, by saying by ensuring that we have ties, or,
13 help us with the wording here because I think
14 that's important.

15 MR. SUBSITS: Well, I originally
16 thought it would be just --

17 CHAIR HERETH: I'm just saying --

18 MR. SUBSITS: Yes.

19 CHAIR HERETH: Okay, that's good.
20 That's good.

21 MS. BORENER: Should we put it, where
22 do you want to put it here?

1 CHAIR HERETH: On the left you can put
2 it in there, or again, either place. Wherever
3 you, yes, that's good.

4 MS. BLYSTONE: Hey, Mark?

5 CHAIR HERETH: Yes.

6 MS. BLYSTONE: Can I found out what
7 page you're on?

8 CHAIR HERETH: Go ahead, Kate.

9 MS. BORENER: Now, we're on the tax
10 description. Again, we're on Page 3, I think, of
11 7. We're at the top of that.

12 MS. BLYSTONE: So the same place you
13 are every time I ask.

14 MS. BORENER: Every time, yes. So,
15 this is now the new, I hope you have what I have.
16 So let me just read it to you.

17 CHAIR HERETH: Yes.

18 MS. BORENER: Because this
19 Subcommittee will produce a recommendation to the
20 VIS Working Group for types of information and
21 data required and shared, by key stakeholders.

22 This will be accomplished through

1 coordination with other subcommittees, committee
2 deliberation, consultations with outside experts
3 and synthesis of information collected during the
4 deliberation period.

5 I would say these data, or this
6 includes but is not limited to root cause
7 analysis "good catches, close calls, safety
8 management systems and pipeline assessment data
9 and processes." I hope that's what you had?

10 MS. THEBERT: Sherry, can we change
11 the order of that list?

12 MS. BORENER: Yes.

13 MS. THEBERT: I don't think committee
14 deliberation should probably be first. We should
15 put something that would be the most important,
16 the biggest task would be first.

17 MS. BORENER: Okay.

18 MS. THEBERT: And then maybe synthesis
19 of information collected right after that so that
20 way it flows. First consultation kind of breaks
21 up that whole idea.

22 MS. BORENER: Committee deliberation --

1 MS. THEBERT: And then synthesis of
2 information collected. It has to be, that's
3 deliberation above --

4 CHAIR HERETH: Well, I think this
5 actually isn't the sense, synthesis of
6 information is one of the last things we'll do.
7 So committee deliberation, coordination with
8 other subcommittees, consultations with outside
9 experts.

10 MS. THEBERT: Okay. I almost think
11 about like, level of importance, but --

12 CHAIR HERETH: Yes.

13 MS. THEBERT: -- maybe, hold on,
14 synthesis of information collected during the
15 subcommittee deliberation. So we're clear on
16 which deliberation. Or maybe it's every, all.

17 CHAIR HERETH: Yes. So you still have
18 a phrase that's hanging.

19 MS. BORENER: Okay.

20 CHAIR HERETH: This should be through
21 coordination with other subcommittees. Oh, I
22 see, you've got it back --

1 MS. BORENER: I'm sorry.

2 CHAIR HERETH: -- coordination.

3 Sorry.

4 MS. THEBERT: Yes, through committee
5 deliberation.

6 CHAIR HERETH: Yes.

7 MS. BORENER: Yes. Okay, this is
8 where this disappeared to.

9 CHAIR HERETH: Perfect. And then,
10 Michelle, the other --

11 MS. THEBERT: Subcommittee
12 deliberation.

13 CHAIR HERETH: Sorry?

14 MS. THEBERT: That would be
15 subcommittee under that.

16 CHAIR HERETH: Yes. Yes. So, finding
17 a suggestion here where it says, can we say data
18 required by and shared with? Does that make
19 sense?

20 MR. JENSEN: Yes.

21 CHAIR HERETH: Required by and shared
22 with?

1 MR. JENSEN: Yes. Shared among.

2 CHAIR HERETH: Shared among, that's
3 even better. Thank you. That's great.

4 MR. SUBSITS: So --

5 MS. BORENER: Do you want to, I'm
6 sorry. You go ahead.

7 MR. SUBSITS: It seems like the third
8 sentence ties into the first sentence better than
9 it does where it's at.

10 CHAIR HERETH: So, let me ask you the
11 question. This was an important in our
12 discussion, is this sentence important in our
13 task description?

14 MR. JENSEN: I think it is as define
15 who, where --

16 CHAIR HERETH: Okay.

17 MR. JENSEN: -- what, when, et cetera.
18 Because outsiders are going to read this and want
19 to understand.

20 CHAIR HERETH: Okay. And maybe this
21 gets to the point you were making earlier and
22 Walter was making, we got to have some

1 specificity or people won't understand, right?

2 MS. BORENER: Right.

3 CHAIR HERETH: Okay, that's good.

4 MR. JENSEN: And I think it's a good
5 time to point out, for Eric whose sharing best
6 practices, that here, and maybe you already
7 talked about this with Mark, we're talking about
8 what needs to be shared not necessarily the
9 mechanics of how it gets shared.

10 MR. AMUNDSEN: Right.

11 MR. JENSEN: And we were assuming that
12 the best practices would make that.

13 MR. AMUNDSEN: That's correct. To
14 your assumption.

15 (Laughter)

16 CHAIR HERETH: Until this afternoon.

17 (Laughter)

18 CHAIR HERETH: Michelle.

19 MS. THEBERT: Since we're thinking
20 about the information, should we do something
21 about the stakeholders?

22 Like, should we go ahead and just say,

1 amongst the following stakeholders and without
2 just a defined area versus a he said bullet,
3 that's not really defined in a statement.

4 CHAIR HERETH: So, let me ask you
5 this, is that something, isn't that something
6 we'll undertake in the work that we do? I think
7 it's a to be determined.

8 MS. THEBERT: Well, then weren't we
9 going to take this -- I guess, how to make it
10 parallel.

11 CHAIR HERETH: Okay.

12 MS. THEBERT: A fair amount of data --

13 CHAIR HERETH: That's a fair point.

14 MS. THEBERT: -- and vice versa.

15 CHAIR HERETH: That's a fair point.

16 MR. JENSEN: We could define some
17 examples.

18 MS. THEBERT: Yes.

19 CHAIR HERETH: Yes, okay.

20 MR. JENSEN: And I think it's
21 important we have this discussion.

22 CHAIR HERETH: Yes.

1 MR. JENSEN: Now is a good time
2 because we want to identify other the
3 participants for this Subcommittee.

4 CHAIR HERETH: So, examples of
5 stakeholders include --

6 MS. BATTAMS: I don't know if this
7 will be helpful or not, I was in the mission
8 subcommittee before the break and they were
9 using, they were focusing on three stakeholders,
10 gas transmission, hazardous liquids and gas
11 distribution.

12 I don't know if we want to expand that
13 or if you want to stay consistent with what they
14 were doing, but that was what they were tailoring
15 the mission statement to when they were
16 discussing those stakeholders.

17 MR. JENSEN: Those are the types of
18 operators no doubt --

19 CHAIR HERETH: Yes.

20 MR. JENSEN: -- so I think the --

21 CHAIR HERETH: It's probable.

22 MR. JENSEN: -- realm of stakeholders

1 is broader than that and I think we should
2 consider moving trade associations such as AGA,
3 API, private institutions such as PRCI. We have
4 to consider regulatory agencies whether it's
5 federal or state.

6 MS. BATTAMS: No, I was just sharing
7 what they were --

8 CHAIR HERETH: Yes.

9 MR. JENSEN: I understand. I'm
10 talking about --

11 MR. JONES: No, he's just taking a
12 run. And what about Kate, what would you say?
13 What would you suggest?

14 CHAIR HERETH: The public.

15 (Laughter)

16 MS. THEBERT: Congress.

17 MS. BORENER: Our original --

18 MR. JENSEN: Congress?

19 MS. THEBERT: Yes.

20 MS. BORENER: Yes. The people who
21 called for the report, right?

22 MS. THEBERT: Right.

1 CHAIR HERETH: Well, I think we should
2 have state and federal regulators in there too,
3 right?

4 MS. BATTAMS: Yes.

5 CHAIR HERETH: At least if we don't
6 put that Kevin is going to come over the table.

7 MR. SPEICHER: Yes.

8 CHAIR HERETH: No. I mean, why would
9 we not, right?

10 MR. JENSEN: Right.

11 CHAIR HERETH: We should.

12 MR. JONES: Associates.

13 MS. BORENER: Industry associates?

14 MR. JONES: Associations.

15 MS. BORENER: Okay.

16 MS. THEBERT: Can you say may include?
17 Because, remember we figured out we don't want --

18 MR. JONES: Well, isn't it examples?

19 MS. THEBERT: -- you want to be.

20 MS. BORENER: So, the consumer for any
21 one of the products is not necessarily a consumer
22 for every product. So it's good to, I think, to

1 leave it ambiguous somewhat because you may have
2 one stakeholder group that only gets assembled
3 for a particular --

4 MS. THEBERT: Right.

5 MS. BORENER: -- information sharing
6 activity.

7 MR. JONES: Public.

8 CHAIR HERETH: So, we need to have the
9 public in here too.

10 MS. BORENER: The, okay.

11 CHAIR HERETH: Yes. Thank you.

12 MR. JENSEN: Do we want to get more
13 specific and --

14 MS. THEBERT: The natural gas
15 enthusiasts?

16 MR. JENSEN: No, all 360 million in
17 the United States? Public advocacy groups.

18 CHAIR HERETH: You can say public
19 representatives and public advocacy groups.

20 MR. JONES: Representatives work.
21 Because then that would include me and workers.
22 So, that's normally how I get myself in these

1 stuffs.

2 CHAIR HERETH: Okay. So public
3 representatives and advocates, or you're saying
4 just public representative --

5 MR. JONES: That's how I rate myself.

6 CHAIR HERETH: So, Kate, how would you
7 include PFT, for example? Or if we said public
8 representatives or should we say also public
9 advocacy groups?

10 MS. BLYSTONE: I wouldn't limit to
11 Joe's advocacy groups. I think that what you're
12 looking for is just like the public in general.

13 CHAIR HERETH: Okay.

14 MS. BLYSTONE: So, you could say and
15 the public and advocacy group if you wanted to
16 lump them into --

17 I lost the thread a little bit it
18 seems like we're talking about the audiences for
19 this information, is that correct?

20 CHAIR HERETH: Yes.

21 MS. BORENER: That's right.

22 CHAIR HERETH: Yes.

1 MS. BLYSTONE: That was --

2 CHAIR HERETH: We have a sentence that
3 says, examples of stakeholders may include
4 Congress, state and federal regulators, industry
5 associations, public representatives.

6 MS. BLYSTONE: I would call it just
7 the general public as far as the public.

8 Because, yes, I don't know. I mean it's common
9 that we're done, that groups are in these
10 meetings and doing these kinds of things.

11 But also, I mean, don't want to hold
12 back. I have hope that the general public will
13 someday be interested.

14 CHAIR HERETH: Okay.

15 MS. BORENER: Okay.

16 MS. BLYSTONE: I cannot be the
17 representative of a group --

18 CHAIR HERETH: Okay. And I think that
19 we probably should include, not just industry
20 associations by operations as well, right?

21 And service providers. It's the
22 service providers as well, right? So, it's

1 operators and service providers.

2 MS. THEBERT: Natural gas industry.

3 MS. BORENER: So, industries are the
4 actual technology providers like the ILIs.

5 CHAIR HERETH: Yes, that's what I,
6 when I say service providers, there may be a
7 better way to capture it but that's essentially -
8 -

9 MS. BORENER: So where we say gas
10 transmission has liquid and gas distribution
11 operators, do you want to put operators in as
12 distinct from service providers?

13 CHAIR HERETH: Yes. Because they are
14 distinct, right?

15 MS. BORENER: Right.

16 CHAIR HERETH: So we could use the
17 terminology that the other group is using of
18 hazardous liquid and gas transmission operators
19 as well as distribution operators. Transmission
20 operators and then you can put a comma, gas
21 distribution operators.

22 MS. BORENER: Okay.

1 CHAIR HERETH: That's one way to do
2 it.

3 MS. BORENER: Yes. So, Leif, did you
4 have a comment? Okay.

5 Michelle, does that get, that gets at
6 what you were trying to get at, right?

7 MS. BATTAMS: This is for the last
8 sentence. And I had left the meeting, so you
9 might have already discussed this, but I had
10 written down the types of data that you were
11 thinking about were also mitigative measures. I
12 don't know if that's already included in what
13 you're thinking about processes but --

14 CHAIR HERETH: That's a good comment.
15 I think we need to capture that. I believe that
16 was one of the comments that you made, right?

17 MR. JENSEN: Yes.

18 CHAIR HERETH: Yes.

19 MR. KIEBA: I had just a general
20 comment I mentioned to Mark --

21 CHAIR HERETH: Yes, please.

22 MR. KIEBA: Part of it is related to

1 what the Technology/R&D was getting into. They
2 were getting pretty far into the weeds on a lot
3 of this.

4 And as it's written, it almost looks
5 like you're starting from scratch, but where they
6 get the aha seen was realizing we're just trying
7 to improve on what we already have. So somehow
8 in a sense, what do we have and how do we improve
9 on it.

10 Now, as far as that improving, there
11 might be a huge gap but you do have to start from
12 scratch. So, I don't know if that's quite
13 captured here. If that inherent, that's fine.

14 MS. BORENER: You mean, establishing
15 some baseline --

16 MR. KIEBA: Some baseline of what's
17 out there and how you can improve process, in
18 this case, process sharing. In our case it was
19 Technology/R&D but how do you improve what you
20 already have.

21 MS. BORENER: So, you can put that
22 right in the first sentence, VIS working group

1 for improvement in the types of information that

2 --

3 CHAIR HERETH: Yes, why don't we do
4 that.

5 MR. JENSEN: That is a good point.
6 There is several trade associations, whether it's
7 SGA, AGA, they already instruments in place to
8 facilitate a sharing of information.

9 CHAIR HERETH: Why don't we have -- we
10 have recommended practice 1163 that stipulates
11 that we'll do this kind of information sharing at
12 some level.

13 MR. JENSEN: Yes.

14 CHAIR HERETH: So, it is improving on
15 what we already have. Good point.

16 MR. KIEBA: Again, are improving on a
17 huge gap out there that we have --

18 CHAIR HERETH: Yes.

19 MR. KIEBA: -- supply something --

20 CHAIR HERETH: Yes.

21 MR. KIEBA: -- that's created from
22 scratch.

1 MR. JENSEN: Yes. A big improvement
2 might be from zero.

3 MR. KIEBA: Yes. And the only other
4 comments, I saw required there --

5 CHAIR HERETH: Sure.

6 MR. KIEBA: -- is it required for a
7 voluntary or, because this is a voluntary
8 activity, right?

9 CHAIR HERETH: Yes.

10 MR. KIEBA: Some people get nervous
11 about the word require.

12 MR. JONES: Yes, I thought that as
13 well.

14 MR. KIEBA: Is that a mandated thing
15 or is that just required for --

16 MS. BORENER: You could say desired,
17 yes.

18 MR. KIEBA: Desired.

19 MR. JENSEN: Yes, that's a good point.

20 CHAIR HERETH: That's good.

21 MR. JONES: I like that.

22 CHAIR HERETH: That's good. Thank

1 you.

2 MR. KIEBA: Thank you.

3 CHAIR HERETH: Good.

4 MR. AMUNDSEN: I mean, I think you can
5 either way on that.

6 (Simultaneous speaking)

7 MR. AMUNDSEN: So, kind of picking up
8 on what Max kind of described, we kind of came up
9 with a lot of context.

10 And the first point is, are we getting
11 the most out of the existing technology and
12 recognized practices. And so, is everybody's
13 vote floating in the same room?

14 CHAIR HERETH: Right.

15 MR. AMUNDSEN: You know, are we all,
16 as operators, getting the very most out of that
17 technology. How do you know that?

18 You know, ask Mike and Bryce. I said,
19 you guys know who are the best in class in the
20 operators, I said, we want to get everyone on
21 that level, so what does that take.

22 It takes a certainly level of

1 diligence in the measurements, feeding that back
2 to your service providers in developing action
3 items and follow-ups, et cetera. Continuous
4 improvement process with the current technology
5 and capability.

6 And that takes certain data for what -
7 -

8 CHAIR HERETH: Yes.

9 MR. AMUNDSEN: -- what is that?

10 CHAIR HERETH: Yes.

11 MR. AMUNDSEN: You know, what's the
12 best practice for taking that data and cycling it
13 through the PCA process. Who's the party to
14 that? Well, it's the operator and service
15 provider.

16 I'm certainly not sure that the public
17 needs to be involved. At the end of the day,
18 it's important that they know that we're doing
19 that. We're trying, as operators, trying to
20 perfect the use and deployment of existing
21 technology.

22 CHAIR HERETH: Okay. Okay.

1 MR. AMUNDSEN: So how do we do it? We
2 communicate that we do it, we communicate the
3 results and improve it.

4 CHAIR HERETH: Right.

5 MR. AMUNDSEN: And then how do we,
6 next kind of context is, how do we perfect and
7 how do we make a little bit better existing
8 technologies. So we're not necessarily after
9 improved sensors or whatever, but it's taking
10 what we got and working with the service
11 providers and how do we make it incrementally
12 better.

13 Okay. Kind of the same thing, what
14 data and information is required of that.

15 And then the third one is, how do we
16 drive development of new technology, what gaps do
17 we have, what can't we see now, what can't we
18 characterize now that we really need to?

19 Service providers. You know, we need
20 to communicate that clear without have you guys
21 go off and find a solution to that problem. So
22 that's third.

1 Fourth is, we don't know what we don't
2 know.

3 CHAIR HERETH: We don't know what we
4 don't do?

5 MR. AMUNDSEN: We don't know what we
6 don't know.

7 CHAIR HERETH: Absolutely.

8 MR. AMUNDSEN: So how do we address
9 that. And that kind of comes through fruition
10 and, hey, I found this and I didn't expect to,
11 you know, I got the same inch pipe as you, you
12 might be looking at this too. So it's maybe not
13 sharing, well, I did it per say or carrying your
14 information, lessons learned, best practices.

15 And then the last one is kind of the
16 public outreach. You know, how do we garner
17 confidence with our pipeline safe advocacy groups
18 to the public that we're doing one, two, three
19 and four.

20 Well, and how do we do it so that it
21 gets that outward facing data and information to
22 the general public and to our regulators and

1 other stakeholders outside in industry so they
2 know what we're doing and we're working all
3 different aspects of these, those four things.

4 CHAIR HERETH: That's good. That's
5 good.

6 MR. AMUNDSEN: You know, each one of
7 those requires its own type of data, its --

8 CHAIR HERETH: Yes.

9 MR. AMUNDSEN: -- own processes, its
10 own technology.

11 CHAIR HERETH: So you're going to
12 bring this forth to the Committee tomorrow then?
13 That's good. Michelle, do you have a comment?

14 MS. THEBERT: Yes. Can you go back to
15 the big, the main one?

16 MS. BLYSTONE: Yes. Yes. Sorry.

17 MS. THEBERT: I guess the desire, I
18 know it's kind of weird, but I'm looking at the,
19 I guess legislation. Maybe we could put
20 information that could be, because it says,
21 consistent with a need to maintain a party for
22 information, to improve safety in inspection

1 technology.

2 So, it really wants you to share data
3 with the other operators to improve safety in
4 inspection technology. So maybe if can somehow
5 tie that.

6 MS. BORENER: In here?

7 MS. THEBERT: Right. That could be
8 shared by, wait, hold on.

9 MS. BORENER: On data to improve --

10 MS. THEBERT: I had it but I forgotten
11 what I --

12 MS. BORENER: So, let me go back up
13 the main. So that is up here. Where are you
14 reading, here?

15 MS. THEBERT: The next one. Because
16 the goal is to share in line with -- to provide a
17 safety inspection technology.

18 So maybe share it with stakeholders to
19 improve, something desire. I guess that's kind
20 of --

21 MS. BORENER: Okay.

22 MS. THEBERT: I know it's there, I'm

1 trying to figure out how to make it sound --

2 CHAIR HERETH: So, can we go back to
3 that, to your text? Do we need the desired by
4 piece?

5 MS. THEBERT: No.

6 MS. BORENER: Well, you said require.
7 At first it was required --

8 MS. THEBERT: Required, yes.

9 MS. BORENER: -- and we took that out.

10 CHAIR HERETH: So what if we just made
11 it data shared amongst stakeholder, key
12 stakeholders?

13 MS. THEBERT: And then maybe add
14 stakeholders to improve safety inspection
15 technology. I don't know if that --

16 MS. BORENER: Well it's not --

17 MS. THEBERT: -- if it's too specific.

18 MS. BORENER: That is, if you say
19 that, it's in the present. So, if you say,
20 improvement, it's the types of information and
21 data shared by, shared among key stakeholders.

22 MS. THEBERT: I don't know --

1 MS. BORENER: So you're saying, just
2 take out these three words.

3 CHAIR HERETH: I guess the question is
4 --

5 MR. JENSEN: It makes sense.

6 MS. BORENER: Okay. And the types of
7 information and data shared among improvement and
8 the types of information and data shared among
9 key stakeholders.

10 MR. JONES: I just have one question.
11 With the word improvement, we're limiting
12 ourselves to existing, the existing world. So
13 why wouldn't we say, my suggestion is to say, via
14 working group for the creation and improvement
15 and the types of information and data shared
16 among key. Just in case there is a new source
17 out there.

18 CHAIR HERETH: Yes, that's good.
19 Would you be comfortable with identification
20 improvement?

21 MR. JONES: Okay.

22 CHAIR HERETH: Yes. Because we'd

1 probably want to create it.

2 MR. JONES: Right. No --

3 CHAIR HERETH: So I like your point.

4 I like your point. You okay with that?

5 MR. JONES: Yes.

6 CHAIR HERETH: Others? I heard a yes

7 over there, that's good.

8 MS. BORENER: Okay.

9 CHAIR HERETH: Yes, then it's not
10 really -- yes.

11 MS. THEBERT: Do you want to put, add
12 stakeholders to improve pipeline safety and
13 inspection technology? That's what the goal of
14 the legislation, I don't know, that's --

15 MR. JENSEN: I get what your --

16 MS. THEBERT: I mean --

17 MR. JENSEN: -- very beginning of the
18 sentence we say, in the spirit of improving
19 pipeline safety --

20 MR. JONES: Yes.

21 MS. THEBERT: Yes.

22 MR. JENSEN: -- development.

1 MS. THEBERT: Yes. Yes.

2 MR. JONES: I like that.

3 CHAIR HERETH: That's good.

4 MS. BORENER: So here.

5 MR. JONES: Right there, yes.

6 MR. JENSEN: Yes.

7 MS. BORENER: And what was, is that

8 the end of that --

9 MR. JENSEN: The technology
10 development. And then those are key words
11 standing right out of the statute.

12 CHAIR HERETH: Okay.

13 MS. BORENER: Okay.

14 MS. THEBERT: Could we say data
15 available and shared?

16 I guess we need to figure out are we
17 going to have, are we going to require or
18 recommend new data being created I guess is the
19 question.

20 CHAIR HERETH: Well, maybe. That's
21 one of the things that will come out of the work
22 group.

1 MS. THEBERT: Okay.

2 CHAIR HERETH: I think. So, for the
3 sake of time, what I'd like to do, if it's okay,
4 is I'd like to move us to looking at where the
5 potential interfaces are with the other
6 subcommittees and then what other outside
7 expertise we'd like to have either come in and
8 present or come in and be a member.

9 MS. BORENER: Okay, so we are, I'm
10 going to --

11 CHAIR HERETH: So you can create a
12 chart over this.

13 MR. SPEICHER: Before you move on from
14 that --

15 CHAIR HERETH: Sure.

16 MR. SPEICHER: -- it's somewhere in
17 this report that there is the additional
18 discussion, right? I think you brought that up
19 earlier about --

20 CHAIR HERETH: Yes.

21 MR. SPEICHER: -- root cause analysis.
22 Everybody sitting in this room probably has dealt

1 with root cause analysis --

2 CHAIR HERETH: Yes.

3 MR. SPEICHER: -- and whether --

4 CHAIR HERETH: In fact, Kevin, that's
5 a great point. It's captured in one of our sub-
6 bullets is the topic of taxonomy and terminology.

7 MR. SPEICHER: Okay.

8 CHAIR HERETH: And in fact, one of
9 those is that we think we're going to want to
10 take a first cut in this group, but all the
11 groups are going to need it. So that's one of
12 the issues to be worked out with other
13 subcommittees as well.

14 It's a really important point. We
15 need to have common terminology. In fact, we
16 found this morning that that just emphasize the
17 importance of that because we had different ways
18 of saying things. Thank you very much for saying
19 that.

20 MS. BORENER: Okay.

21 CHAIR HERETH: And that is in that
22 fifth, yes.

1 MS. BORENER: Yes, that's, I had it a
2 second ago. There is a, we have the report
3 outlined here somewhere and that is one of the
4 sections in the main report. So --

5 MS. BLYSTONE: Hello, can you guys
6 hear me?

7 MS. BORENER: Yes. Yes.

8 MS. BLYSTONE: Hello?

9 MS. BORENER: Yes, we can hear you,
10 can you not hear us?

11 MS. BLYSTONE: Oh weird. So, like
12 this thing that just happened and you guys all
13 disappeared and then there was this like errr
14 sound.

15 MS. BORENER: Yes --

16 MS. BLYSTONE: I don't know if it was
17 a tape record or something but --

18 CHAIR HERETH: Oh wow. Are you back
19 with us then?

20 MS. BLYSTONE: I can hear you now.

21 MS. BORENER: Okay.

22 CHAIR HERETH: You can hear us now?

1 MS. BLYSTONE: I can right now, but
2 you disappeared for a good 15 seconds.

3 CHAIR HERETH: Oh wow. Okay.

4 MS. BLYSTONE: I was making sure you
5 all were all still there.

6 CHAIR HERETH: Yes. No, we are,
7 sorry.

8 MR. JONES: No catastrophe.

9 MS. BORENER: Yes, no we're not --

10 MS. BLYSTONE: Weird. That was really
11 weird. Can you hear me now?

12 MS. BORENER: Yes.

13 CHAIR HERETH: We can hear you, can
14 you hear us?

15 MS. BLYSTONE: I can. You sound
16 further away so I don't know if something
17 happened with the phone or what but --

18 MS. BLYSTONE: We can dial you back in
19 if you want us to. I think you're the only
20 person online right now so give me --

21 (Off microphone comment)

22 CHAIR HERETH: Yes.

1 MS. BORENER: Yes. Do you want to
2 tell us your telephone number, we can just call
3 you?

4 CHAIR HERETH: Yes.

5 MS. BLYSTONE: No, it sounds like it's
6 fine. I can give you my number if you want to
7 call me but I think it's been cleared up. There
8 was just some weird, maybe it was my telephone
9 got to close to it or something. Yes.

10 CHAIR HERETH: Okay.

11 MS. BLYSTONE: It's clear on your end.

12 CHAIR HERETH: Okay.

13 MS. BLYSTONE: So sorry.

14 MS. BORENER: Okay.

15 CHAIR HERETH: So I think what I
16 wanted to do was just briefly identify some of
17 the places where we have interfaces with other
18 subcommittees so we can plan with that.

19 I think we identified that we wanted
20 to talk to the best practices subcommittee,
21 right?

22 MS. BORENER: Yes.

1 CHAIR HERETH: And I'm going to try to
2 identify these to move us along and then please
3 weigh in. I think we also talked about
4 regulatory funding and legal. In particular as
5 it related to types of sharing.

6 Also, Technology and R&D. And
7 specifically, as it related to items Number 3, 4
8 and 5.

9 Kate, did we lose you?

10 MS. BORENER: Yes.

11 (Off record comment)

12 CHAIR HERETH: Okay, what are other
13 interfaces that you foresee that we need to talk
14 to other subcommittees.

15 MS. BORENER: Okay, on mission and
16 objectives I think we talked about the
17 assumptions about who the stakeholders were.
18 There were a bunch of things that probably are at
19 the top level that are crosscutting.

20 I think it caught some of them.
21 Prioritization, what level of detail is required.
22 That's definitely something that we want to say

1 to the reporting group. You know, the level of
2 detail, type of deliverable.

3 And I think in mission and objectives,
4 if I can find that note I gave myself.

5 Prioritization, who are the key stakeholders, you
6 know, this might be, et cetera. Those kinds of
7 things.

8 I think best practices, it's almost
9 every topic you probably want input from them on,
10 definitely three, four and five and possibly on
11 some others.

12 You're also able, if you would like,
13 to identify guests that you would like to have
14 come and talk or members that you'd like to add
15 to the committee because they would contribute,
16 in general, to the deliberations.

17 MR. JENSEN: In terms of the numbers,
18 and I don't have any specific person's names, but
19 I do know all the trade associations, such as AGA
20 and API. There are committees, pipeline
21 integrity committees.

22 Or pipeline integrity groups. And in

1 my mind, it can be very appropriate to introduce
2 some of them into the subcommittee.

3 MS. BORENER: Okay, this line is, I'm
4 going to write it down here, obviously it doesn't
5 apply to this group, but you said AGA, API --

6 MR. JENSEN: And other.

7 MS. BORENER: -- and other. Okay.
8 And --

9 MR. JENSEN: And then just let me
10 frame some perspective there. As you mentioned
11 earlier, there are already existing menus about
12 which operators and vendors share information.
13 And we should be able to leverage that.

14 So, whether it's a presentation that
15 API comes in and talks about various vendors they
16 use to share information, or perhaps introducing
17 a new member from one of these associations.

18 CHAIR HERETH: So, you're thinking of
19 those as guest speakers? Yes.

20 MR. JENSEN: Yes.

21 MS. BORENER: And in technology, let
22 me offer the, there are a lot of vendors that

1 support, for instance, the environment platform
2 for us, for a size. Tableau, Infomatic and
3 different companies. And they will deal with
4 Cloud, data structures and stuff like that.

5 That might be an interface with
6 Technology/R&D. So you might want to see what
7 we're calling shared data analysis platform tech,
8 you know, vendors. Can I call it that?

9 And this is where a company like
10 Tableau or somebody --

11 (Off record comments)

12 MS. BORENER: We haven't talked about
13 T&Q a lot but we've talked a lot about what
14 you're expecting people to be able to do to
15 interrupt and use this information. I'm sorry,
16 one second.

17 (Off record comments)

18 MS. BORENER: There was some specific
19 things that were in your antidote. I don't know
20 who was talking about nuclear, I can't remember
21 who was talking about nuclear operations.

22 MS. BLYSTONE: Hi, everybody, I'm

1 back.

2 MS. BORENER: Hi. Glad you're back.

3 MS. BLYSTONE: Sorry.

4 MS. BORENER: But, what qualified you
5 to be a control room operator before information
6 systems came into the control room versus now or
7 what qualified you to be a good inspector before
8 the use of --

9 MS. BLYSTONE: Can you guys hear me, I
10 think there is something wrong with the line. So
11 I'm going to email my phone number to you --

12 CHAIR HERETH: Katie, if you can, yes,
13 if you can email me to me Kate --

14 MS. BLYSTONE: Sure.

15 CHAIR HERETH: -- we'll call you
16 directly.

17 MS. BLYSTONE: Yes, I will.

18 CHAIR HERETH: Sorry.

19 MS. BORENER: Okay.

20 MS. BLYSTONE: Call me back.

21 MS. BORENER: Okay, no problem, we'll
22 do that.

1 MS. BLYSTONE: Okay.

2 MS. BORENER: Okay.

3 MR. JONES: It sounded a lot better.

4 MS. BORENER: I think it's VoIP. It
5 could just be, it must be down there on her side.

6 So, with training and qualifications,
7 you mentioned that certain kinds of people seem
8 to be better qualified, let's say, people who had
9 worked in nuclear industry. What that's saying
10 is that there is some threshold of capability
11 that you think belongs in those individuals, to
12 be able to take advantage of these systems.

13 And one of the interfaces with T&Q is,
14 what do you have to know, what's the threshold,
15 how do you make action, actionable information.
16 And that definitely effects how you process it
17 and how you display it.

18 Because you're going to share some
19 information, maybe what you do is turn that into
20 an alarm or an alert, something. And that then
21 has to get back to an operator somehow.

22 So, I'm just encouraging you to think

1 about some of the other areas where there might
2 be overlap, and that's one of the ones that I
3 think we haven't really explored. But who uses
4 the information and how they do it, that's going
5 to come up.

6 Where would prioritization of the work
7 come out, do you think? Is that something to
8 talk about with mission and objectives or --

9 MR. SUBSITS: Can I get a possible
10 member, guest? I'm looking at the group here and
11 I don't see a representative from the tool
12 company.

13 MS. BORENER: Yes. Besides you.

14 MR. SUBSITS: Well, I mean, there's
15 people in voluntary management, I mean, people
16 that actually owns the tools.

17 MS. BORENER: Okay.

18 MR. SUBSITS: So, I think we have an
19 idea what data would be required but it would be
20 good to have --

21 CHAIR HERETH: Yes, we actually, it's
22 interested, we have two people are main committee

1 and, but they're on other subcommittees for this.

2 MR. SUBSITS: Yes.

3 CHAIR HERETH: So, it's a real
4 interesting question, should we have another
5 standing member or should we invite them in as
6 guests?

7 MR. SUBSITS: Well, that relationship
8 is actually identified in a mandate.

9 CHAIR HERETH: Yes.

10 MR. SUBSITS: So, I think it would be
11 appropriate to have some --

12 MS. BORENER: Yes. Okay.

13 MR. SUBSITS: -- in some capacity.

14 CHAIR HERETH: So, it's a great point.

15 MS. BORENER: Okay.

16 CHAIR HERETH: It really is.

17 MS. BORENER: Yes.

18 MR. SUBSITS: And then there is direct
19 assessment also which is somebody who is not a
20 direct assessment, would be appropriate also.

21 CHAIR HERETH: And Chris Warner is
22 supposed to be on our Subcommittee. He's not on

1 today, but Chris Warner from Mears is a direct
2 assessment service provider.

3 MR. AMUNDSEN: He's here.

4 MS. BORENER: Okay.

5 CHAIR HERETH: Oh, he's in another
6 subcommittee. Oh, okay.

7 MR. AMUNDSEN: He's in the technology.

8 CHAIR HERETH: Oh, wow.

9 MS. BORENER: Yes, this is the --

10 CHAIR HERETH: So we need to think
11 about, I'm looking at the shares, I see this, we
12 may need to about how we pair some of these
13 meetings because we're not getting, so we don't
14 have the two-line service providers and we don't
15 have the DA service provider.

16 MR. JONES: And on the mission and
17 reporting committee they're so small that it
18 would have to be sunsetted. And then you get to
19 move, dance around better.

20 CHAIR HERETH: Yes, I agree. So we'll
21 bring that up.

22 MS. BORENER: Did you call --

1 CHAIR HERETH: Joe, thank you. So,
2 she's going to give me a number, which I haven't
3 seen yet.

4 MS. BORENER: Okay. Okay.

5 MR. JENSEN: I thought she was going
6 to send it to you, Sherry.

7 MS. BORENER: Yes, I was just looking
8 to see if I got it. I thought she was sending,
9 okay.

10 CHAIR HERETH: I think we're
11 technologically challenged.

12 MS. BORENER: I got your email but I
13 didn't get her email. I think if she's using the
14 internet to make her telephone calls that might
15 be why she's in and out.

16 Okay, so we sort of talked about, this
17 is an initial list of --

18 CHAIR HERETH: So, we've got a couple
19 of things on here that I'm not sure we want to
20 get right. So --

21 MS. BORENER: Okay.

22 CHAIR HERETH: -- I think we need to

1 capture, well --

2 MS. BORENER: I'm going to take this
3 line at the bottom out and move it on to a
4 different slide. I just happen to stick it here
5 because we were talking about --

6 CHAIR HERETH: Okay.

7 MS. BORENER: Okay? So, I'll get this
8 out of here but guests and interfaces with the
9 other committees.

10 Do we want guests from R&D, for
11 instance, to be members to attend our meeting?

12 Because, it looks like the biggest
13 thing is that we have a lot of overlap with best
14 practices and Technology/R&D.

15 CHAIR HERETH: Right. Right. So I
16 think, I just wanted to point out that this one
17 here is really as guests, right?

18 This is not, I don't think you're
19 saying that you want these as members, I think
20 you're saying you want these as guests.

21 MS. BORENER: I think, okay.

22 MR. JENSEN: Yes.

1 MS. BORENER: I thought you wanted --

2 CHAIR HERETH: Or are you saying you
3 want them, because I think this is --

4 MR. JENSEN: I don't think we should
5 rule it out --

6 CHAIR HERETH: Okay.

7 MR. JENSEN: -- but we should solicit
8 a chair person from a PIO committee out of one of
9 the trade associations to join us.

10 CHAIR HERETH: Okay.

11 MR. JENSEN: In the spirit of, within
12 those trade group organizations they share a lot
13 of information already.

14 CHAIR HERETH: Yes. Absolutely.

15 MR. JENSEN: We don't --

16 CHAIR HERETH: That's a good idea.
17 That's a real good idea.

18 MR. JONES: And it doesn't help to
19 just buy in to these old processes.

20 CHAIR HERETH: Yes. Okay.

21 MR. JONES: Yes, if we can just get
22 those guys on board in the beginning.

1 CHAIR HERETH: Yes.

2 MR. JENSEN: We need to get some
3 advocates --

4 MR. JONES: Yes. They probably won't
5 kill us when we have a product and --

6 MR. JENSEN: Yes.

7 (Simultaneous speaking)

8 MR. JONES: -- hate this, ours is
9 better.

10 MR. JENSEN: Is Walter on that
11 subcommittee, we don't want it.

12 MR. JONES: Yes, exactly.

13 (Laughter)

14 MR. JONES: Exactly.

15 CHAIR HERETH: That's excellent.

16 Thank you.

17 MS. BORENER: Now you know, we could
18 sit, so, when we have, we have a limited number,
19 I'm going to put these up even though it's kind
20 of, I'm out of order here, Mark, but I'm going to
21 just --

22 CHAIR HERETH: No, go ahead.

1 MS. BORENER: -- do this real quick.
2 We have a limited number of in-person meetings,
3 right, and what we could do, because these are
4 sort of the dates when they have, we have one in
5 April, we have one in June, and then we go back
6 to basically large committee deliberations.

7 But when we're in the process of
8 collecting information, there is no reason that
9 the committee has to sit alone. So this
10 subcommittee could met at the same time, with two
11 other subcommittees, if we're having expository
12 meetings.

13 And we could set up, the next time
14 that we have a meeting, we could just have the
15 morning be the roster of all the people who we've
16 asked to come and give us information. And then
17 have the breakouts after that.

18 We also can have our deliberative
19 meetings online if we want to. If we want to
20 make up sub-teams.

21 So, there is a lot of flexibility,
22 it's just that there is not a lot of flexibility

1 in the schedule.

2 CHAIR HERETH: So, are you suggesting
3 we should have some in-between meetings of the
4 subcommittee?

5 Well, I think from a practical
6 standpoint we're going to need to, right?

7 MS. BORENER: Yes.

8 CHAIR HERETH: Yes.

9 MS. BORENER: And when we get together

10 --

11 CHAIR HERETH: Right.

12 MS. BORENER: -- we get together with
13 everybody, as many people as possible. Because
14 we're all kind of collecting information.

15 CHAIR HERETH: So, does that suggest
16 maybe that we might want to meet with the best
17 practices subcommittee next or the technology
18 committee next?

19 I don't know which is --

20 MS. BORENER: Yes.

21 CHAIR HERETH: -- prioritize. We want
22 to meet with both --

1 MS. BORENER: Right.

2 CHAIR HERETH: -- and we want to do
3 that in a short time frame probably.

4 MS. BORENER: Yes.

5 CHAIR HERETH: Yes.

6 MR. AMUNDSEN: I want to suggest that
7 those three committees meet --

8 CHAIR HERETH: Oh.

9 MR. AMUNDSEN: -- altogether.

10 CHAIR HERETH: Altogether.

11 MS. BORENER: Yes.

12 CHAIR HERETH: I like that even
13 better. Thank you.

14 MR. AMUNDSEN: Because one is, there
15 is people who have --

16 CHAIR HERETH: Yes.

17 MR. AMUNDSEN: -- like I'm on all
18 three of those.

19 CHAIR HERETH: Okay. Yes.

20 MS. BORENER: Right. So we could all
21 met at once and then --

22 CHAIR HERETH: That's perfectly --

1 MR. AMUNDSEN: I think there is a lot
2 more. There's probably more between those three.

3 CHAIR HERETH: I think you're right.

4 MR. JONES: It would be important with
5 the structure of these meetings like that and the
6 idea of, we want to go through this but we don't
7 get sidetracked in a jurisdiction --

8 CHAIR HERETH: Yes.

9 MR. JONES: -- and territorial issues.

10 CHAIR HERETH: Yes.

11 MR. KIEBA: You need to be careful if
12 we do have three, isn't there a rule of how many
13 committee members you have for a subcommittee so
14 that they're --

15 MS. BORENER: Well, they're still in
16 subcommittees.

17 MR. KIEBA: Right. But if you have a
18 tri-subcommittee you're going to have the
19 potential --

20 MS. BORENER: But we're not holding a
21 --

22 (Simultaneous speaking)

1 MR. AMUNDSEN: -- another committee --

2 MS. BORENER: -- a committee --

3 CHAIR HERETH: Yes.

4 MS. BORENER: -- yes, we're just
5 having a --

6 MR. AMUNDSEN: -- collaborating a
7 meeting --

8 MR. KIEBA: That's fine. We just want
9 to make sure.

10 MS. BORENER: So, that would be
11 something --

12 CHAIR HERETH: That's a fair question.
13 And we can check it, but --

14 (Simultaneous speaking)

15 MR. JENSEN: It's a joint meeting so I
16 think we can document it to make sure we comply
17 with the FACA rules --

18 CHAIR HERETH: Yes, that's all we can
19 do.

20 MR. JENSEN: -- and describe it as a
21 joint meeting rule --

22 CHAIR HERETH: Yes.

1 MS. THEBERT: And I'm thinking that
2 those three committees will make a whole
3 committee. If you add everybody up it's going to
4 be --

5 (Simultaneous speaking)

6 MS. THEBERT: -- sub.

7 CHAIR HERETH: Yes.

8 MS. THEBERT: Because there's only so
9 many of us here.

10 CHAIR HERETH: Okay.

11 MS. BORENER: And the only thing, yes,
12 what Leif said --

13 CHAIR HERETH: Now --

14 MS. BORENER: -- is who in the general
15 public can come.

16 MR. JENSEN: Yes.

17 CHAIR HERETH: Okay.

18 MS. BORENER: And so if we do, I think
19 that's what you're getting at, but if we're doing
20 it for --

21 MR. JENSEN: Yes, just --

22 MS. BORENER: -- just collecting

1 information, that might not even be a bad thing.

2 So, we have a couple things that are
3 still on the plate, which is the deliverables.

4 We may not be able to get to that today because
5 we're getting close to noon and I want to make
6 sure that we --

7 So, we still wanted to invite at
8 least, do you want to give us a suggestion for
9 people that you want to invite from industry or
10 from these committees?

11 MR. JENSEN: Well, I'm happy with the
12 AGA because --

13 CHAIR HERETH: I think that go to the
14 training associations --

15 MR. JENSEN: Yes.

16 CHAIR HERETH: -- and ask them, Leif's
17 suggestion was to ask them to identify a pipeline
18 integrity committee equivalent person, chair or
19 their designee, right?

20 MR. JENSEN: Yes. Right.

21 CHAIR HERETH: Doesn't that make
22 sense?

1 MR. JENSEN: That makes total sense.

2 CHAIR HERETH: Yes.

3 MS. BORENER: And would you then take
4 that initiative, Mark?

5 CHAIR HERETH: Yes. Yes, I'll do
6 that.

7 MS. BORENER: Okay.

8 CHAIR HERETH: Or Leif and I will work
9 that together, how's that?

10 MS. BORENER: Okay. Is there anyone
11 else who wants to invite others to participate?

12 CHAIR HERETH: So, we do have Cliff
13 coming tomorrow to the committee meeting, right?

14 MS. BORENER: Cliff?

15 CHAIR HERETH: Cliff, I'm sorry, from
16 PRCI.

17 MS. BORENER: Okay.

18 CHAIR HERETH: And will that cover
19 what we think we want to learn from the PRCI in
20 this regard or should we have another session?

21 Or is that something to think about?
22 We don't have to solve it today. Let's think

1 about it.

2 You had a suggestion for someone --

3 MS. BORENER: Yes. So the person --

4 CHAIR HERETH: -- can you bring that
5 up?

6 MS. BORENER: Yes.

7 CHAIR HERETH: Yes.

8 MS. BORENER: So the person that gave
9 us the briefing on ASIAs would be, from my
10 experience, a very good person to work with in
11 terms of other industries and the methodology
12 that FAA has gone through, either as a member of
13 best practices or our committee. I think he
14 really brings a lot to the table. And I know he
15 is cleared to participate.

16 So, I would like to have the committee
17 add him, give him a --

18 MS. THEBERT: That was the guy who
19 last time did --

20 CHAIR HERETH: Yes.

21 MS. BORENER: Yes. Okay.

22 MR. LAMONT: Yes, I support that.

1 MS. BORENER: Okay.

2 CHAIR HERETH: So, maybe from a
3 procedural standpoint, what if we asked to have
4 him added to ours but if one of the other
5 committees wants to utilize his resources --

6 MS. BORENER: Yes.

7 CHAIR HERETH: -- I think that works.
8 Gets the paperwork going.

9 MS. BORENER: Yes. It gets it --

10 (Simultaneous speaking)

11 MS. BORENER: Yes. And he's anxious
12 because he's --

13 MR. KIEBA: That's right.

14 MS. BORENER: -- and he's not but --

15 MR. KIEBA: And to clarify, you're
16 adding him as a member or just --

17 MS. BORENER: As a member.

18 MR. KIEBA: Oh, okay.

19 MS. BORENER: As a member. So he
20 would be, he'd come to each of the subcommittee
21 deliberations. I'm not sure how that process
22 works in terms --

1 MR. JONES: Well, as a member he would
2 just sign up for it, if he wants to sign up for
3 it.

4 MS. BORENER: Yes, as a member of the
5 Subcommittee, not as a member of the VIS.

6 MR. JONES: Oh, not as a member of the
7 VIS.

8 CHAIR HERETH: Yes, he'd not --

9 MS. BORENER: No, he'd be a member of
10 the Subcommittee.

11 MR. JONES: Okay.

12 MS. BORENER: So he doesn't get to, he
13 basically just contributes to our recommendations
14 to the General Committee. So he would not be
15 given any recommendations directly to the
16 Committee. And --

17 CHAIR HERETH: And what you're looking
18 at there is he brings expertise of heavy work
19 through this. Before, he's been down this road
20 before.

21 MS. BORENER: Right. So he was the
22 data manager so it's different. Although he

1 came, I mean, he talked to you about, in general
2 about trust and the process, the organizational
3 process.

4 He actually started as the data
5 manager and his job was to capture exactly the
6 same kind of data. It was operator data off of
7 flight operational quality assessment data and
8 integrate that into the accident information
9 system that they had at FAA.

10 So, as coming at it from an
11 engineering perspective, I think he brings a lot
12 of experience going from the ground up. Like,
13 what information do you want, what information do
14 you need and then how does that grow. Because
15 that has definitely changed over time.

16 The other thing is that we haven't
17 defined our deliverables, but you might want to
18 look at, this is the end state we'd like to be
19 at, here is where we are right now and what's the
20 roadmap that gets us to where we would like to
21 be.

22 So instead of saying, we must be at

1 the end today, here is our process and --

2 CHAIR HERETH: He's a resource that
3 could help us.

4 MS. BORENER: So, I'm advocating
5 because I think he just brings a lot to the
6 table. And I know that it's hard to get
7 government people who have this experience to
8 come in.

9 It's very much like getting people
10 from industry to do it. I think it adds
11 something to the group.

12 CHAIR HERETH: So, from a process
13 standpoint, do we need to vote in the
14 Subcommittee on his membership or do we simply
15 just take, what I want to make sure of is
16 everybody on the Subcommittee is supportive of
17 that? Of that value.

18 And then of course we take it to the
19 chair.

20 MS. BORENER: Right.

21 MR. JENSEN: So now is the time to
22 voice to say if you don't agree.

1 CHAIR HERETH: Yes.

2 MS. BORENER: Yes.

3 CHAIR HERETH: Yes.

4 MR. JENSEN: It's going to the chair
5 as my offer.

6 CHAIR HERETH: Yes.

7 MS. BORENER: Yes. I think, I don't
8 know what the --

9 CHAIR HERETH: So let me ask you, as
10 an alternative, could we have him come to one
11 meeting as a guest, and then see what the value
12 is of that or should we simple, or is there
13 enough of a consensus among you that we should,
14 if there is value in adding him as a member.

15 MR. JONES: He should --

16 MS. THEBERT: I think he's been
17 through it before.

18 MR. JONES: Yes. He was a member.

19 MS. BORENER: Okay.

20 MS. THEBERT: I think he's scheduled
21 in --

22 MS. BORENER: Yes.

1 MR. JONES: And not let's put him
2 through our interview process, let's say he's
3 real important.

4 (Laughter)

5 (Simultaneous speaking)

6 CHAIR HERETH: See, that's how you
7 get, that's how you get down to a decision.

8 MR. JONES: Exactly.

9 CHAIR HERETH: You give them an
10 alternative, that's how you get --

11 So, is there anybody who objects to
12 that or has concerns?

13 MS. BURMAN: Can I throw out
14 something?

15 CHAIR HERETH: Sorry?

16 MS. BURMAN: Can I throw out
17 something?

18 CHAIR HERETH: Yes.

19 MS. BURMAN: Do you really want to
20 limit yourself? Like, are you just really
21 asking, I mean, for the opportunity to invite a
22 particular guest?

1 MS. BORENER: So, this isn't an
2 invitation in addition to the guest. So, the
3 procedure is, we have to tell the committee
4 tomorrow --

5 MS. BURMAN: Right.

6 MS. BORENER: -- the names of people
7 that we want to add as subcommittee members.

8 MS. BURMAN: Okay.

9 MS. BORENER: That's this topic.

10 MS. BURMAN: Okay.

11 CHAIR HERETH: Yes.

12 MS. BORENER: And then there's a sort
13 of separate topic is, which is, there might be
14 guests --

15 MS. BURMAN: The name --

16 CHAIR HERETH: Yes.

17 MS. BORENER: Yes, we have to tell you
18 that we want to invite these people.

19 MS. BURMAN: All right.

20 CHAIR HERETH: We're thinking about
21 this gentleman because he is the one that
22 presented on the ASIAS and he's been through all

1 of the steps that we're going through. So it
2 seems like there's a lot to learn that he can
3 bring to the table actively as we're meeting.

4 MR. JONES: And I think Mark and Leif
5 are going to work --

6 CHAIR HERETH: Yes.

7 MR. JONES: -- to give generalized
8 invitations to associations, but then pick out
9 someone --

10 CHAIR HERETH: An individual.

11 MR. JONES: -- an individual.
12 Identify someone to have come here as a guest,
13 quasi members of the committee.

14 MS. BURMAN: Do you want me to offer
15 up -- I'm not going to insert myself.

16 CHAIR HERETH: No, no, that's good.

17 MS. BURMAN: So there's another person
18 that I think would we be interested in, in
19 addition, that you might want to think about.
20 Which is Michael Balboni who is currently on the
21 New York Power Authority Board. And the only
22 reason I suggest him --

1 CHAIR HERETH: Yes.

2 MS. BURMAN: -- is because PHMSA,
3 PHMSA Administrator Elliott has had a
4 relationship with him during the, his prior work
5 life, and dealt with Homeland Security issues.
6 Because of the utilities experience.

7 CHAIR HERETH: Right.

8 MS. BURMAN: And he may be somebody
9 that's good.

10 CHAIR HERETH: Yes.

11 MS. BURMAN: Somebody who would be
12 able to bring some of that critical analysis.
13 And Elliott, PHMSA Administrator Elliott, had
14 mentioned some of the data sharing --

15 CHAIR HERETH: That's the work in the
16 whole certs arena I take it, isn't it?

17 MS. BURMAN: Correct.

18 CHAIR HERETH: Yes.

19 MS. BURMAN: Yes, so the only reason I
20 mentioned it --

21 CHAIR HERETH: Yes.

22 MS. BURMAN: -- only because he may be

1 somebody who is familiar with some of these
2 issues.

3 CHAIR HERETH: And that's actually --

4 MS. BURMAN: Because I'm not going to
5 insert myself.

6 CHAIR HERETH: Yes. Yes, because
7 that's an actually an area that we haven't heard
8 about data sharing from was a certs arena. One
9 of the trade members suggested that last time so
10 that might be a good reason to take it.

11 MS. BURMAN: And I don't know --

12 CHAIR HERETH: That's a cybersecurity
13 --

14 MS. BURMAN: -- I don't know anything
15 about exactly that they did --

16 CHAIR HERETH: Yes.

17 MS. BURMAN: -- to the extent that he
18 is somebody, and you go to work at utility.

19 CHAIR HERETH: Okay. So, can we talk
20 about that one offline and then --

21 MS. BURMAN: Yes.

22 CHAIR HERETH: -- we'll bring it back

1 to the Subcommittee. That's a good suggestion.

2 MS. BURMAN: All right.

3 CHAIR HERETH: That's good.

4 MS. BORENER: Okay.

5 CHAIR HERETH: That's good.

6 MS. BORENER: So --

7 CHAIR HERETH: I'm going to suggest
8 this. From what I've heard, I think there, we
9 might want both.

10 I think my sense is, is that we want
11 Warren Randolph because he's done so much and has
12 been through so much and has been through the re-
13 mapping process. Is that a fair, is everybody
14 good with that?

15 MR. KIEBA: Yes.

16 MS. BORENER: Okay.

17 CHAIR HERETH: Good. And then we'll
18 work with the Chair on Michael Balboni and see if
19 we got a, that makes a lot of sense because
20 that's a whole area that we haven't really heard
21 about it that has been very active in data
22 sharing. Yes, that's good.

1 MS. BORENER: I think that brings us
2 some resources in terms of written reports and
3 outputs.

4 CHAIR HERETH: Yes.

5 MS. BORENER: Also, he's the program
6 manager for his size area so we can certainly
7 lean on him to get --

8 CHAIR HERETH: Okay.

9 MS. BORENER: -- anything we want to
10 out of that group.

11 CHAIR HERETH: Well, he's been through
12 the whole process of developing deliverables.
13 Which we also need help with, right?

14 MS. BORENER: Right.

15 CHAIR HERETH: Okay.

16 MS. BORENER: Okay. So our last,
17 we're close, oh, I'm out. We're close.

18 So what we have to do now, for our
19 output for tomorrow, we tell them here, I don't
20 remember our number, I'll figure that out, we
21 give them the task statement description, I'll
22 clean that up, we tell them, here's our

1 membership. We have not really said what our
2 deliverables are going to be.

3 We generally talked about that before
4 the break and it ran something like this. We're
5 going to definitely give the short document
6 describing our preferred attributes or some,
7 somehow.

8 And it was going to have a chart of
9 the flow, process flow chart of some sort. And I
10 think this is, if we got this far this would be a
11 great deliverable.

12 I don't think we're going to do these
13 recommendations on the governance model because
14 we've sort of decided that that's somebody else's
15 purview, but we're not sure who that is. So
16 that's maybe something to talk about tomorrow to
17 queue up.

18 CHAIR HERETH: Yes.

19 MS. BORENER: And whose baby is that.
20 And then the third thing, the roadmap. Now, one
21 thing that's on the table a lot is who pays for
22 this and who, where does it live.

1 And the integration roadmap really
2 says that's one of the topics you'll think about
3 it. Is there a government entity where the data
4 goes to the government and the government
5 maintains, is this a private entity where the
6 government is the subscriber, is this some other
7 kind of quasi, is a, you know, some kind of an
8 organization non-profit, et cetera.

9 Whatever the operational model is and
10 what that means for the maintenance of the data
11 and the security. That's going to be on the
12 table.

13 MS. BATTAMS: And keep in mind too,
14 along that thought, that also has heavy
15 implications for the legal arena because
16 obviously if it is a private sort of database
17 housed privately and funded by not the
18 government, then there is differences in how that
19 will affect any future regulations or statutory
20 protections that might be needed or anything
21 along those lines.

22 MS. BORENER: Right. And there is --

1 MS. BATTAMS: And obviously there is a
2 subcommittee for that, but this will affect what
3 that subcommittee is considering.

4 MS. BORENER: Right. So when we look
5 at the roadmap, the timeline for the regulatory
6 process is very important to think about if
7 we're, as we ask for things to happen, if
8 regulations or changes in regulations are
9 required in order to make that happen --

10 MS. BATTAMS: Or statute.

11 MS. BORENER: -- or statute, that
12 changes the timeline.

13 And so with the roadmap, I mean, small
14 to big is a thought. You can say, what if we
15 find an experiment. What if we find one or two
16 people who want to share it. What if we take one
17 class of information and share that.

18 So there are little, there might be
19 incremental steps. Do you want to do an
20 incremental process, do you want to do an all or
21 nothing kind of process. Each of those --

22 CHAIR HERETH: You can do pilot.

1 MS. BORENER: And pilots and different
2 things. But that's what's in a roadmap.

3 And maybe what you come back with is,
4 we don't do the roadmap but we recommend that the
5 committee think about how to do that.

6 CHAIR HERETH: Okay.

7 MS. BORENER: So, I should --

8 CHAIR HERETH: So, would it be safe to
9 say these are examples of what we'll consider as
10 deliverables?

11 MS. BORENER: Yes.

12 CHAIR HERETH: Because I think we have
13 more work to do there --

14 MS. BORENER: Yes.

15 CHAIR HERETH: -- right?

16 MS. BORENER: You have to decide. And
17 so what we'll do is, tomorrow we'll say, we've
18 started to work on those --

19 CHAIR HERETH: Yes.

20 MS. BORENER: -- are but we haven't
21 really --

22 CHAIR HERETH: That's, I like that

1 slide for the purposes of setting up the
2 discussion. Yes.

3 MS. BATTAMS: And if I can also, this
4 will still affect obviously the main committee,
5 but the final product is this report given to the
6 secretary.

7 And one thing that the Subcommittee
8 might consider is, when we're making this
9 recommendation, or we as in you, and then the
10 parent committee, it might be helpful with that
11 recommendation to explain why other options were
12 less favorable than the one you ultimately decide
13 on. You know, just as a general comment for
14 when, you know, till the next step is being
15 evaluated.

16 CHAIR HERETH: That's good. So,
17 Sherry, I'd like to shift just to one other topic
18 in the few moments that we have left. And that
19 is means, so, what I'd like to talk about is
20 having means in between our scheduled
21 subcommittee meetings.

22 Now, we've already talked about one,

1 which is we'd like to meet with the, jointly with
2 best practices and the Technology/R&D
3 subcommittees in one occasion. And so I'm going
4 to take away, unless somebody else, and I'll look
5 for help here, but I'm going to take away, I'm
6 going to get with Eric and Bryce Brown, Bryce is
7 the chair of the other committee, and we'll work
8 on an agenda.

9 Are people, I think there's value in
10 adding some additional meetings before we get
11 together again, to define things like
12 deliverables, prioritize some of our work in the
13 spirit of what Walter was saying earlier. Is it
14 practical to do those at like, do a couple of
15 those for two hours as opposed to trying to do a
16 four hour?

17 My sense is it's probably easier to
18 get people's time if we do two hour blocks. Does
19 that make sense? Are people open to that?

20 MS. THEBERT: On the phone?

21 CHAIR HERETH: Yes, on the phone.

22 Sorry, yes. Yes. Yes, absolutely. And maybe

1 we'll try to do them as web meetings.

2 Because I think we're going to need
3 some time in between meetings to be rolling and
4 making progress. So, I'm going to reach out to
5 you with some ideas for meeting agenda topics and
6 some dates and then we'll begin to firm those up.

7 We'll work with the other two
8 committees on having a joint committee meeting
9 and we'll work from there. Does that make sense?

10 MR. JONES: Yes.

11 MS. BORENER: And do we want to
12 complete those before our next in-person, which
13 would be April?

14 CHAIR HERETH: Yes.

15 MS. BORENER: I mean, this is February

16 --

17 CHAIR HERETH: It's at the end of
18 April I believe, isn't it?

19 MS. BORENER: Okay.

20 CHAIR HERETH: So, I think we would
21 like to get certainly in a joint subcommittee
22 meeting and probably two, two hour meetings.

1 Does that make sense?

2 I think we're going to need that time
3 in advance. So then the next time we come back
4 to the Subcommittee, we can focus on input from
5 some of the other guest speakers, from the
6 gentleman from ASIAs and then some of the others
7 that we're going to have coming in to the
8 committee. Does that work?

9 Other ideas about what we could be
10 doing in between?

11 Are there specific areas that we
12 should be turning to the best practices committee
13 since their fellow officer and their chairman is
14 here with us currently?

15 If not, we can think about that. And
16 there's no reason that we can't share emails and
17 ideas on one of the first times that we get
18 together actually raise that.

19 For food for thought, if you take the
20 five topics that we had, three, four and five,
21 which were the data analysis, the data fusion and
22 the data management, I think we agreed that was a

1 place where we needed help from best practices
2 subcommittee, right?

3 So I'm going to tee that up and
4 discuss this with Eric and then we'll talk more
5 as a Subcommittee as well. Any other thoughts?

6 Any thoughts on how we can improve how
7 we use this time?

8 I think Sherry and I will try to work
9 to have an agenda whenever we meet, but other
10 thoughts that you have on how we can improve
11 this? And if you have them offline we'll
12 certainly, we want to hear them as well.

13 Thank you for taking the time today.
14 Any other final comments or thoughts?

15 It was a good discussion today. Very
16 good discussion. Covered a lot of ground.

17 MR. LAMONT: Yes. Mark and Sherry,
18 thanks for facilitating meeting us.

19 CHAIR HERETH: Thank you.

20 MS. BORENER: Thank you.

21 MR. LAMONT: I know you all did a lot
22 of work in getting this put together so thank

1 you.

2 CHAIR HERETH: No, Sherry really.

3 Sherry did a great job of preparing.

4 MS. BORENER: Oh, no.

5 CHAIR HERETH: Thank you. Thank you

6 very much.

7 MS. BORENER: We'll do better next

8 time and we'll have --

9 CHAIR HERETH: No, this was very good.

10 MS. BORENER: -- a better agenda. So,

11 there will be, although I'm not sure if it's open

12 or not but very soon, there will be a website

13 that's for Subcommittee content and deliberation.

14 CHAIR HERETH: Okay.

15 MS. BORENER: And you'll all have user

16 names to that. I'm not sure if you've heard from

17 them or not because we had a, I guess we had a

18 Bitcoin my name attack --

19 PARTICIPANT: Oh dear.

20 MS. BORENER: -- at headquarters. And

21 it was taking over all of the machines.

22 And we were the first ones to discover

1 it so our CIO became the expert. So everything
2 slowed down during that time period. But --

3 CHAIR HERETH: It's because you work --

4 (Laughter)

5 MS. BORENER: No. I don't, no. But we
6 are going to have that site. It's separate from
7 the main committee site because it will have
8 limited access. It's not a public site in other
9 words.

10 So you'll have access to those. And
11 then all of these documents will get posted here.
12 And we will have our minutes taken from our,
13 because we have a recorder and --

14 CHAIR HERETH: Can I ask that we
15 actually send out the language that we arrived at
16 in it?

17 These are due at the end of the
18 afternoon I think, so if anyone wants to take a
19 last look and, I think we're good with that, but
20 if you see any major flaws in it, if you'll just
21 send that out and share with people. Also, so
22 they have it for tomorrow morning. That would be

1 great.

2 And maybe we should seek some Bitcoin
3 developers to come in and give us good innovative
4 ideas. That will keep them from hacking us.

5 MS. BORENER: So let me go back and
6 make sure, I thought I got kicked off the web a
7 few seconds ago.

8 CHAIR HERETH: Okay.

9 MS. BORENER: So, the group is going
10 to be focusing on what data we're sharing and not
11 how.

12 CHAIR HERETH: Yes.

13 MS. BORENER: We will have two
14 meetings, two phone meetings --

15 CHAIR HERETH: Yes.

16 MS. BORENER: -- between now and the
17 next in-person.

18 CHAIR HERETH: Yes.

19 MS. BORENER: The refined tax
20 statement has been reached and it will be
21 circulated tonight.

22 CHAIR HERETH: Okay.

1 MS. BORENER: 2/27 for comment. For
2 final comments. And we're going to present that
3 tomorrow.

4 We'll bring this person's name up
5 tomorrow --

6 CHAIR HERETH: Yes.

7 MS. BORENER: -- during the meeting.

8 CHAIR HERETH: Yes. And then you and
9 I can talk with --

10 MS. BORENER: Michael --

11 CHAIR HERETH: Chairman Balboni in the
12 meantime.

13 MS. BORENER: Okay.

14 CHAIR HERETH: Yes.

15 MS. BORENER: And that is it.

16 CHAIR HERETH: Good, thank you.

17 MS. BORENER: Okay.

18 CHAIR HERETH: We're adjourned.

19 (Whereupon, the above-entitled matter
20 went off the record at 12:11 p.m.)
21
22

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This is to certify that the foregoing transcript


In the matter of: Subcommittee on Process Sharing

Before: PHMSA VIS Working Group

Date: 02-27-18

Place: Arlington, VA

was duly recorded and accurately transcribed under
my direction; further, that said transcript is a
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Court Reporter

NEAL R. GROSS

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