

International Association of Drilling Contractors



HSE&T Committee Meeting
 03 December 2024
 IADC Office: 3657 Briarpark Drive, Suite 200
 Houston Tx 77042
 Zoom option available

Attendance

V = Virtual attendance, IP = In-Person attendance
In-Person Sign-in sheet [attached](#).

HSE&T In-Person Attendees					
Name	Company	A	Name	Company	A
Ryan Smallwood	Patterson-UTI	IP	Thad Dunham	IADC	IP
Brooke Polk	IADC	IP	Marcelo Azeredo	Transocean	IP
Stephanie Rodriguez	IADC	IP	Fidel "Vito" Garcia	RelyOn	IP
Micah Backlund	H&P	IP	Keith Pender	Enterprise Offshore	IP
Shane Phipps	Wilbanks Trucking	IP	Jill Arness	Precision Drilling	IP
Jacoby Gomez	Norton Drilling	IP	Gricelda Chavez	Precision Drilling	IP
Alma Roberts	IADC	IP	Pete Smith	Lightning Oilfield Services	IP
Jim Shelton	OSHA	IP	Garrett Reinert	Valaris	IP
Jackie Pavon	IADC	IP	Kristin Ward	IADC	IP
Jessica Selvidge	RelyOn	IP	Rosa Frias	IADC	IP
HSE&T Zoom Attendees					
Name	Company	A	Name	Company	A
Tammy Lewis	Valaris	V	Kat Rezai	Veunex Global	V
Jim Molloy	Petrofac	V	Bill Krull	IADC	V
Richard Grayson	Nabors	V	Tim Dibben	Katch Kan	V
Juan Pablo Arias	Training Consultors	V	Ryan D'Aunoy	Precision Drilling	V
Christina Billig	Maersk	V	Laurie Knape	API	V
Ricky Banks		V	Jim Rocco	IADC	V

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Agenda

9:00 – 9:05	Welcome & Introductions <i>Ryan Smallwood, Patterson-UTI Drilling Company LLC</i>
9:05 – 9:15	IADC Antitrust Policy <i>Kristin Ward, IADC</i> Safety Moment Ryan S: Safety is important, even when outside of the workplace. We have a dog that has decided to use my wife's really nice rug multiple times and it was getting to the point where we were like we got to do something with this. I really like the rug and thought maybe we'll try to salvage it. We cleaned it multiple times anyway, long story short and it ended up outside on my driveway. We had a carpet shampoo and that wasn't working so, I decided to get my pressure washer out. And so I'm out there, I'm pressure washing, and my brain is thinking 'my wife would be furious with me if I had shoes on this rug', so I'm pressure washing barefoot. My son came outside and asked, 'Dad, what are you doing?', and he's 15, I'm like 'Trying to get all the pee out of this carpet from your stupid dog.' And he goes 'Shouldn't you be wearing shoes?' 'Yeah, you're absolutely right.' And you know, it's not a real high pressure-pressure washer, but it was just one of those things that we had had enough conversations. You know, he'd pressure washed the driveway, I made him wear safety glasses and made sure that he was wearing shoes and I gave him the rig-a-ma-roll of not too close to your feet, told him horror stories about on the rig, and how you know we've cut into people's foot and the feet we've had when we've used diesel washer pressure washers, actually injected diesel subcutaneously, and had to do all sorts of medical procedures to get it out. So, I had told him all those things, but when it came to me and my job. I have taken all those things in it; you can set them aside and come app with all sorts of different rationales as to why they didn't apply to me at that time. 'I'm older. I'm in control of the wand. It's less pressure.' all these excuses and it took my son to remind me the importance of not making those excuses. I think, as we experience more as we get into the culture of a rig, as we to get into the culture of any type of group of people, we have the tendency to join the flow right. And sometimes it's a very productive and safe flow and other times it's one that's not. Is not the case and being able to recognize those things to stop, to readjust, to re-evaluate and course correct, is vital to the safety of our employees. And so, I just wanted to share that with you guys today that that these types of moments can exist outside of the workplace and oftentimes hit really close to home; you can still practice and establish that culture of safety and what-if from being curious. Micah B: There is a trend with the kids around pressure washing their shoes. My daughter wanted to pressure wash her shoes, and we've had similar conversations on using a pressure washer, she decided that she would pressure wash her shoes with her shoes on. And I was like 'Hang on – this is NOT safe!' Jim M: I didn't come from this industry, and I have a real appreciation for what this industry has taught me for safety. I was working on a project with my son, my in-laws were coming. You know how it is when your house settles in Houston, and you get cracks everywhere. So, I told him, 'Today, I'm going to teach you how to use the caulking gun.' and the first thing he says to me is 'Do we need gloves and goggles?' And I thought, man, you know, when I was a kid, we didn't use any of that stuff. But then this industry has really shaped the way I approached it; it's just about every outdoor indoor working project and situation, so I'm super thankful and that was a great story. And it is funny how our kids at some point start to know more than we do.

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<p>9:15 – 9:55</p>	<p>Supply Chain Safety: Managing safety recalls and other critical equipment shortages <i>Ryan Smallwood, Patterson-UTI Drilling Company LLC</i> The presentation is attached below.</p> <ul style="list-style-type: none"> • A little ice breaker: How far back does documented usage of drilled natural gas, go and where, and then also what was it used for? China; looking for salt and brine, they would use the natural gas that was coming up from the wells, piped by bamboo to burn off the brine water to get salt; around 200BC. • What do these two items (N95 and SRLs) have in common? Recent recall/shortage. This will take us back a couple years shortage to 2021, right? • Today’s topic is the impacts of supply chain shortages or recalls. There was a massive 3M recall/immediate stop use in October on their 55’, 85’, and 130’ SRLS. Did we feel the impact when the N95 masks were hard to come by during the pandemic and we still had to mix dry chemicals and perform business? Absolutely. • One of the things that 3M were very clear about was that there were no incidents associated with this, this was just something that they had internally identified as a potential failure point and to prevents any catastrophic failures and incidents, they have put an immediate stop use. • They provided serial numbers so that you could go out and check how many of your SRLs were impacted. • This recall doesn’t just affect the drilling industry, this affected every distributor, every consumer of 3M products; construction, overseas – this is a global recall – expanding across industries and also a large timeframe as well. • The timeframe ranges from January 2022 to October 2024; almost 3 years’ worth of new product and resurfaced product. • When we take a look at our work locations as a functioning system, any type of disruption, N95 shortage or SRL recall, can potentially be catastrophic if we’re not well prepared. <ul style="list-style-type: none"> • What do some of these impacts look like? • How does it affect our system? • What did we learn from the 3M? • What did we learn from the N95 masks? • What have we learned from any others that can come to mind during this discussion and essentially what can we do about it?
<p>9:55 – 10:10</p>	<p>BREAK</p>
<p>10:10– 10:45</p>	<p>Competence Assurance Accreditation Work Proposal <i>Brooke Polk</i></p> <ul style="list-style-type: none"> • We had a meeting with the Competence (CAA) Auditors where they went over some of the best practices that they have seen during audits. Suggested creating a workgroup to review the current CAA requirements and if the best practices can be incorporated into the requirements. If interested, please email Brooke Polk. Kick of Meeting would be mid to end of January 2025. • Proposing to start having webinars for CAA Providers that are broken into two groups: one for established providers and one for new providers. If interested, please email Brooke Polk. • KSA project for 2026 to look at updating current and/or creating a new database. • Create a ‘Best Practices’ document for CAA providers that would be reviewed every two to three years. <p>ACTION ITEM: Form a workgroup to review current CAA requirements. If interested, please email Brooke Polk.</p>

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	<p>RigPass Discussion <i>Alma Roberts</i></p> <ul style="list-style-type: none"> • We have received some feedback around the number of questions for the RigPass test. • Are 100 questions too much? <ul style="list-style-type: none"> • We use a modular approach; about 20 questions after the completion of each module. • Do we provide a standardized bank of questions? • Categorize the questions into low/medium/high importance? <p>ACTION ITEM: Form a workgroup to discuss options for the Test Questions. If interested, please email Alma Roberts or Rosa Frias.</p>
<p>10:45-11:45</p>	<p>Industry Updates</p> <ul style="list-style-type: none"> • ISP Update – <i>Bill Krull, IADC</i> • Health Committee Update • Rig Move Update • IADC Accreditation Update– <i>Brooke Polk, IADC</i> • IADC Onshore Update– <i>Thad Dunham, IADC</i> • IADC Offshore Update– <i>Jim Rocco, IADC</i> • OSHA Update – <i>Jim Shelton, OSHA</i>
	<p><u>ISP Update</u></p> <ul style="list-style-type: none"> • Q3 Summary is out. • 11 months into the new database • 72 members • 1st year doing annual report
	<p><u>Health Committee Update</u></p> <ul style="list-style-type: none"> • Mental Health Resource
	<p><u>Rig Move Update</u></p> <ul style="list-style-type: none"> • Shane is transitioning out of the committee • Recommends Pete Smith from Lightning Oilfield Services, to replace him. <ul style="list-style-type: none"> • Brooke Polk: Any Objections? • No Objections from the Committee
	<p><u>IADC Accreditation Update</u></p> <ul style="list-style-type: none"> • Well Control Committee Board approved to continue KREW using Drilling Systems <ul style="list-style-type: none"> • Will develop 263 IADC owned modules for Drilling Operations Driller and Supervisor level courses. • 11 3D modules will begin development in January 2025. • 25% of content to be developed by Q2 2025. There will be a pilot of the 25% before the remaining 75% is developed. • Rollout will be in 2026; 25% at a time. • Well Servicing <ul style="list-style-type: none"> • Go live date is 30 March 2025. • Content must be submitted for review by 28 February 2025. • Safety Alert Project <ul style="list-style-type: none"> • M14 will be the developer, same developer as the ISP Database. • Workgroup will start to trail the system beginning in January. Live date is mid-year 2025. Email Brooke Polk if interested in participating. • IOGP F&PI Definition

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	<ul style="list-style-type: none"> • OSA under API has formally adopted the definition. Asking if IADC will adopt; we have already voted NOT to adopt. This additional request is being pushed to NAOAP (North American Onshore Advisory Panel) for review. Q1 2025 this will cycle out again. <p><u>IADC Onshore Update</u></p> <ul style="list-style-type: none"> • OSHA Proposed Heat Standard (all Industry) • IADC is working with multiple entities to draft a response letter and a law firm to show objection to Standard. Our response will be filed 30 December 2024. <p><u>IADC Offshore Update</u></p> <ul style="list-style-type: none"> • Green House Gas Development • US Coast Guard Cyber NPRM • VIDA EPA Requirement; 2 year clock started October 2024 • Supreme Court Overturning Chevron • Endangered Species Act – Biological Opinion (May 2025) • Well Control and MPD – what’s what; difference in programs <p><u>OSHA Update</u></p> <ul style="list-style-type: none"> • 4 suspected heat related deaths in 2024 • Severe weather: short violent storms <ul style="list-style-type: none"> • Seems to be effecting Residential Contract Workers • Landscapers had a rough year
<p>11:15-11:30</p>	<p>New Committee Chair Discussion Ryan Smallwood’s time as Committee Chair has completed. We will need both a Chair and Vice Chair. One seat is filled by an Onshore company and the other seat is filled by an Offshore company.</p> <p>Micah Backlund and Mike Truitt have been nominated as Co-Chairs (Onshore) for the HSE&T Committee. Brooke Polk: Any Objections? No objections from the committee members.</p> <p>We will need a volunteer from the Offshore side for the Vice Chair position. Email Kristin Ward if interested in Volunteering for the position.</p>
<p>11:30</p>	<p>ADJOURNMENT</p>

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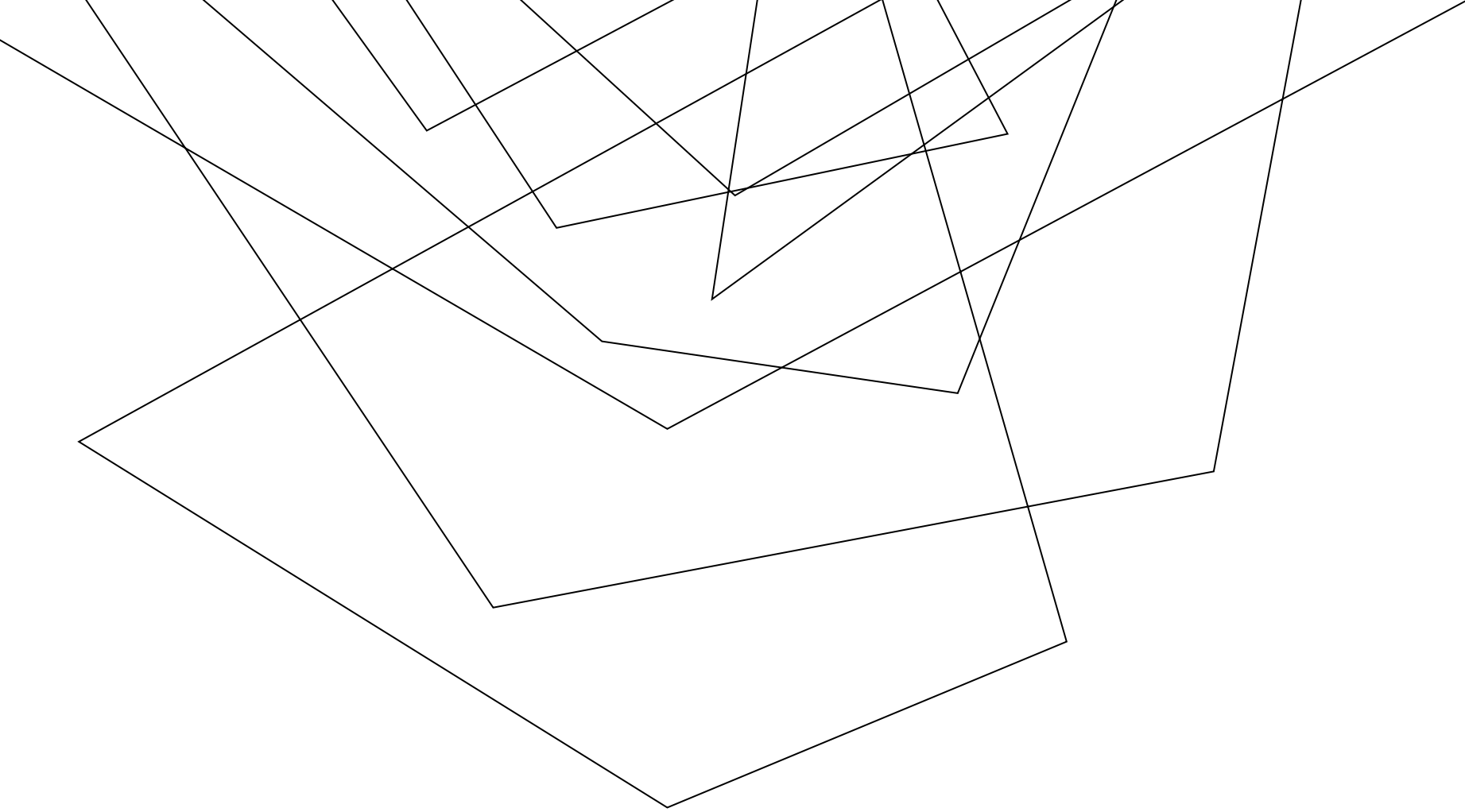
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 Zoom option available

In-Person
Attendees

Sign-In Sheet

Name	Company	E-mail address
Shane Phipps	Wilbanks	sphipp@wilbanks.us
Ryan Smalwood	PTEN	
Jacoby Gomez	Norton Drilling	jgomez@nortonenergy.com
Brooke Fell	IADC	
Jill Arness	Precision Drilling	jarness@precisiondrilling.com
Yncelda Chavez	Precision Drilling	y Chavez@precisiondrilling.com
MARCELO AZEREDO	TRANSOCEAN	MARCELO.AZEREDO@DEEPWATER.COM
Micah Backlund	H&P	Micah.Backlund@HPIOL.COM
Keith Feden	Enterprise	Kfedex@enterpriseoffshore.com
Alma Roberts	IADC	alma.roberts@iadc.org
Fred Garcia	Relyon	fgarcia@us.relyonntec.com
Pete Smith	LDS	pete@lighting.com
Jim Shelton	OSHA	shelton.james@doh.gov
GARRETT REINERT	VALARIS	GARRETT.REINERT@VALARIS.COM
Jacqie Paxon	IADC	jackie.paxon@iadc.org
Kristin Ward	IADC	Kristin.Ward@iadc.org
Jessica Felridge	Rely On	JS@US.relyonntec.com
Rosa Frias	IADC	Rosa.Frias@IADC.ORG
STEPHANIE RODRIGUEZ	IADC	STEPHANIE.RODRIGUEZ@IADC.ORG
Thad Dunham	IADC	Thad.Dunham@IADC.org

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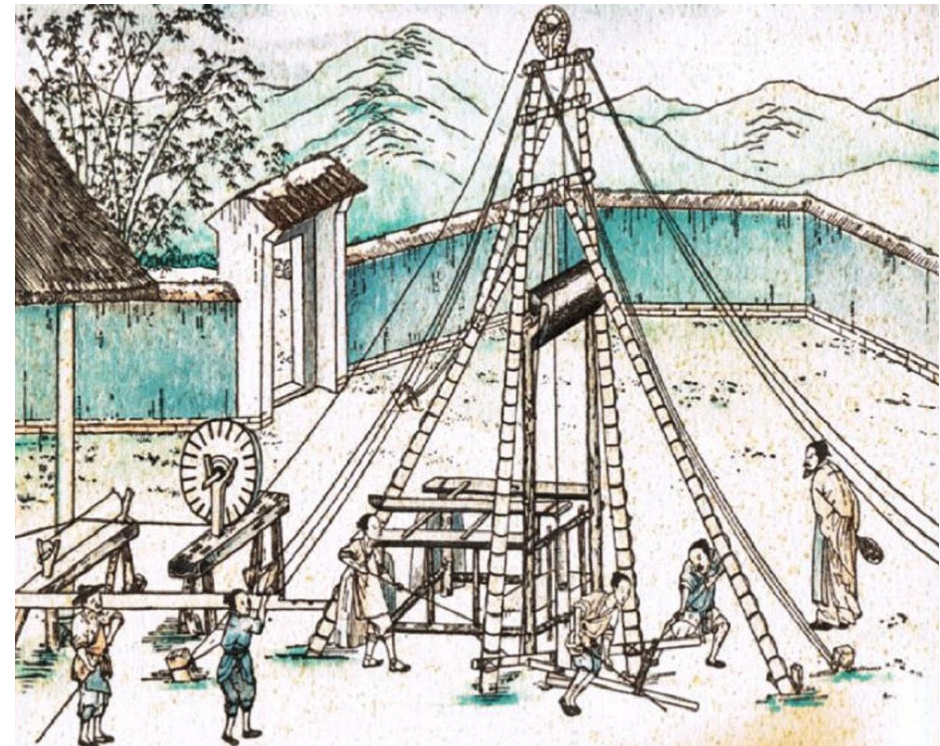
SUPPLY CHAIN SAFETY

MANAGING SAFETY RECALLS AND OTHER CRITICAL EQUIPMENT SHORTAGES

HOW FAR BACK DOES DOCUMENTED USAGE OF DRILLED NATURAL GAS GO, AND WHERE?

- Salt production - Han dynasty (~200 BCE)
- Percussion drills of heavy iron
- Natural gas transported by bamboo and burned to evaporate brine

*Natural Gas: Fuel for the 21st Century –
Vaclav Smil*



WHAT DO THESE HAVE IN COMMON?



As systems have become more efficient, powerful, and diverse in the tasks they perform, the consequences of system failures increases...

Should a component of subsystem experience even a minor failure, little or no “slack” would be available within the system, and the entire process will be impacted.

Investigating Human Error – Barry Strauch

Immediate Action Required 

OCTOBER 2024

- Stop use notice issued by 3M
- Affected timeframe January 2022 to October 2024
- Affected variants of:
 - 55 ft (~17M)
 - 85 ft (~26M)
 - 130 ft (~40M)

Products

Select 3M™ DBI-SALA® Sealed-Blok™ Self-Retracting Lifelines



3M is issuing this "Stop Use and Recall/Replace or Remediate" notice for select 3M DBI-SALA® Sealed-Blok™ Self-Retracting Lifelines



As part of 3M's ongoing commitment to delivering high quality products, we are notifying our customers of the following information related to select 3M™ DBI-SALA® Sealed-Blok™ Self-Retracting Lifelines (SRLs). 3M Personal Safety Division has identified an aging effect that may impact the performance of the 3M DBI-SALA® Sealed-Blok™ SRLs produced from January 2022 to October 2024. Additionally, any devices repaired by 3M, or an authorized service center (ASC), during this timeframe may also be affected. Through laboratory testing, 3M has determined that in the event of a fall, these devices may not lock up as designed **which could expose the worker to serious injury or death. There have been no reports of injuries associated with this issue.** Affected sizes are all variants of the 85 ft (~26M), 130 ft (~40M), and 55 ft (~17M) self-retracting lifelines, see appendix for the full list of models impacted by this stop use notice.

Due to this, we are sending out this Stop Use and Recall / Replace or Remediate Notice, so the select 3M DBI-SALA® Sealed-Blok™ Self-Retracting Lifelines are removed from service immediately. 3M is working towards having replacement product and remediation solutions available soon. Failure to read and follow all instructions associated with this Notice may result in **serious injury or death** of a user. Instructions for appropriate next steps are below.

WHAT ARE THE IMPACTS OF SUPPLY CHAIN INTERRUPTIONS?



DIRECT IMPACTS

Repairs
Down Time
Reduced Efficiencies



INDIRECT IMPACTS

Moral / Culture
Operator Relations
Replacement
Logistics



SAFETY IMPACTS

Loss of Barriers
Mitigation Methods
Altered
Change in Work
Practice



WHAT CAN WE DO?