

International Association of Drilling Contractors



Joint HSE & Workforce Development Committee
 IADC – Houston Office – Crown 1
 March 29, 2022
 Hybrid Meeting

Attendance

V = Virtual attendance, IP = In-Person attendance

Name	A	Name	A
Derek Hibbard	IP	James Penny	IP
Rhett Winter	IP	Brooke Polk	IP
Olaf Martinez	IP	Kristin Ward	IP
Mike Truitt	IP	Delores Jones	IP
Bill Krull	IP	Dan Lundstrom	IP
Chris Doremus	IP	Ryan D'annoy	IP
Mark Denkowski	IP	Jim Shelton	IP
Darrel Pelley	IP	Fidel Garcia	IP
Jim Rocco	IP	Leesa Teel	IP
Bob Warren	IP	Dana Varisco	IP
Patrick Kearley	IP	Jason Jensen	IP
Juan Arias	V	Aaron Zaidel	V
Tim Dibben	V	James Taylor	V
Richard Grayson	V	Chris Evanick	V
Vicki Watkins	V	Christopher Stroz	V
Miron Bertsch	V	Laurie Knappe	V
Brandon Grosvenor	V	Jessica Selvidge	V
Johan Aristo	V	Micah Backlund	V

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International Association of Drilling Contractors

Agenda

<p>09:00 – 9:10</p>	<p>Welcome, IADC Antitrust Policy, Agenda Overview <i>Derek Hibbard, SeaDrill</i> <i>Rhett Winter, IADC</i></p>
<p>9:10– 9:15</p>	<p>Safety Moment(s) <i>Role Model – Safety Video</i> Presented by Derek Hibbard (SeaDrill) Derek Shared a video that displayed different instances of parents being horrible role models to kids. In this video, the kids emulate the parents' behavior. This can be very bad because it imprints bad behavior onto our kids and young people that look up to us. "Children See. Children Do. We have to be better role models for kids, and peers at work. When we promote someone, we tell them: Now you have come into the spotlight, so all eyes are on you in your new role." <i>Safety Awareness – Check in with team members</i> Presented by James Penny (Transocean) "With 2 years into COVID, I want to ask people to check in with peers, team members, co-workers to see how they're doing. When we do not physically see people, we automatically assume they are ok, but please take the time to check-in with your team."</p>
<p>9:15-9:25</p>	<p>HSE&T Conference Program Discussion – IADC <i>Presented by Leesa Teel, IADC</i></p> <p>Drilling Onshore Conference taking place in Houston on <i>Thursday, May 19th, 2022</i>. At the Hyatt Hotel (previously The Omni Hotel)</p> <p>HSE&T and Sustainability Conference Europe [Hybrid Event], <i>Wednesday, September 14th, 2022</i>, and <i>Thursday, September 15th, 2022</i>. Apollo Hotel, Amsterdam, Netherlands. -Europe took a slightly different approach when asking for abstracts and they presented it in terms of, "What are your challenges?" and that is how they are building their program.</p> <p>HSE&T and Sustainability Conference, <i>Tuesday, September 20th, 2022</i>, and <i>Wednesday, September 21st, 2022</i>. Houston, TX. At the Hyatt Hotel (previously The Omni Hotel). -Leesa asked for volunteers to fill roles for our HSE&T Sustainability Conference Committee that is being led by IADC's Thad Dunham.</p> <p><u>Here's what we're asking for:</u> A healthy mix of Onshore and offshore representatives A healthy mix of Contractors, Operators, etc.</p> <p><u>Initial volunteers for HSE&T Committee:</u> Derek Hibbard, SeaDrill Chris Doremus, Remote MD Laurie Knape, Avetta</p> <p>-2023's HSE&T and Sustainability Conference will be 19-20 April 2023. The conference committee will be meeting soon to discuss next year's agenda – need volunteers</p>

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<p>9:25-9:35</p>	<p>IADC HSE and Workforce Development Committee</p> <p><u>Brooke Polk, IADC</u> <i>Brooke proposed the following:</i> “We are proposing to merge our two committees, HSE and Workforce Development into one committee”</p> <ul style="list-style-type: none">-Many members overlap between the two.; the merger will help streamline industry participation by allowing members to focus on one committee instead of two separate committees.-It is a win in terms of synergies. <p>Outline of details</p> <p><u>Committee Name:</u> <i>HSE&T Committee</i></p> <p><u>Committee Chairs:</u> <i>Derek Hibbard, SeaDrill</i> <i>James Penny, Transocean</i></p> <p><u>IADC Liaisons:</u> <i>Rhett Winter, IADC</i> <i>Brooke Polk, IADC</i></p> <p><u>Derek Hibbard – Call for motion to accept</u></p> <ul style="list-style-type: none">-Initial motion: Patrick Kearley-Second motion: Dan Lunstrum-Derek Hibbard: “All in Favor?” All: Aye/Yes <p><u>Next Steps:</u></p> <ul style="list-style-type: none">-Have the 2 chairs (Derek and James) come together and form Agenda for next meeting-Get approval from IADC Board; this can be done in the IADC Annual General Meeting in November.-Do a one-off Workgroup [workgroup name not defined at this moment] Tim Dibben and Dan Lundstrum volunteered to initiate.<ul style="list-style-type: none">-Merge the two Mission Statements into one and post to the website.-Revise Initiatives and have them posted to the website.-Identify the Purpose and Intent of the Committee.
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9:41-9:51	Break
10:00-10:23	<p>ISP Update</p> <p><u>Bill Krull, Rhett Winter, IADC. (ISP Initiative Update)</u> <i>Bill Krull handed 2021 4th Quarter Reports and presented the following key millstones:</i> -We continue to have incredible participation, we enter data quarterly</p> <p><u>Rhett Winter, IADC overview of ISP Committee</u> Rhett provides attendees with background, initiative and future goal. HSE committee has ownership of the database. Once a year there is a committee that meets to address how data is reported. We are kicking-off a committee to get an ISP committee back on track.</p> <p><u>What we are looking for:</u></p> <ul style="list-style-type: none"> -Drilling contractors from this HSE committee [Mike Truitt and Patrick Kearley volunteered] -To establish an ISP Reporting Guideline <ul style="list-style-type: none"> -We currently have one in place that establishes 2 main key points: <ul style="list-style-type: none"> 1 – Initial Reporting Guidelines 2 – Q&As -Need to identify the participants and major industry players that are not participating and reach out to them. Lead and initiate inquiries with WIFM Statements, (What’s In it For Me). -Bill Krull will put together a report of members reporting and those not reporting (overreporting/under reporting) <p><u>Bill Krull, IADC (Next Steps)</u> <i>Bill Krull discussed the phases of this ISP reporting initiative, (aiming for 2023)</i> -Reviewing the current ISP reporting system, we have in place with Patrick Kearley and his team. We will spread this out in the following three phases:</p> <p>Phase 1 – Review the current documents Phase 2 – Review existing database Phase 3 – Build requirements for new system.</p>

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<p>10:24 – 10:59</p>	<p>Attracting Talent in the Workforce</p> <p><u>Darryl Pelley, Transocean</u> <i>Darryl presented a PowerPoint presentation that outlined key topics on how we can attract talent in our industry. Here are some key points from his presentation:</i></p> <p><u>Energizing Society</u></p> <ul style="list-style-type: none">-Society has painted such a negative picture of our industry-Need to continue to come together and paint a better picture of our industry <p><u>2040 Energy Mix</u></p> <ul style="list-style-type: none">-9.2 Billion people on earth; 22% increase in Energy Demand; 21% Growth in Renewables <p><u>Changing the Perception</u></p> <ul style="list-style-type: none">-People want to help fulfill the mission of assuring affordable abundant energy for a global society; both traditional & renewable. We need to become energy ambassadors. <p><u>Technology:</u></p> <ul style="list-style-type: none">-Social media has painted a negative picture of our industry. (example: if you go to Google and search driller: you will get a picture of someone bulldozing the earth)-We have to think of ourselves more as “Rocket Scientists” rather than “Bulldozer Operators”, because what we do is more like Rocket Science. <p><u>Safety Culture:</u></p> <ul style="list-style-type: none">-Our industry works tirelessly to maintain a robust safety culture. We are safer than Walmart and Amazon. Let us drive those wins across to the new generation. <p><u>What Can We do?</u></p> <ul style="list-style-type: none">-We need to promote energy service as a career opportunity – not just a job.-Recognize that people come with different skillsets today.-Don’t think of it in terms of “entry level” but in terms of “early-career”. Take the time to build your people. <p><u>Discussions and key take-aways:</u></p> <p>What is our IADC board doing to paint a better picture of our industry?</p> <ul style="list-style-type: none">-We need our advocates to step up. We need to change. <p><u>Current Initiatives in place:</u></p> <p>Drilling Matters.org – Mark Denkowski, Relyon Nutec</p> <ul style="list-style-type: none">-IADC has a website which talks about initiatives on what we are doing and how we are drilling safely.-We need to Update it, Educate the next generation, and launch it to the right target audience. <p>https://www.drillingmatters.org</p> <p>My Energy Future – Brandon Gosvenor, OPITO</p> <ul style="list-style-type: none">-Company has a website that promotes alternative energy, let us not trash alternative energy but meet somewhere in the middle.-Has a STEM challenge initiation to combat The Great Resignation. <p>https://www.myenergyfuture.co.uk/</p>
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11:00-11:12	Break
11:12 – 11:24	<p>Offshore Regulatory Update</p> <p><u>Jim Rocco (IADC)</u> <i>Jim provided committee with the following updates:</i></p> <ul style="list-style-type: none"> -The SEC (Securities and Exchange Commission) issued a proposal around the Safety concern for the rise in cyber security. It is currently taking place. We are keeping an eye on it and will communicate updates accordingly. -There is currently an effort underway to get a foreign national approved for US companies. It is currently being voted on by the House of Representatives. -IMO IMODU changes to hazardous codes are taking place currently. As of now, we only have the initial wording on what should be released but will keep everyone updated as we get more information.
11:25 – 11:40	<p>2021 Committee Work Discussion – KPI WG / SIF WG</p> <p><u>Dan Lundstrum (Western Energy)</u> <i>Dan presented a history of how this initiative started.</i> Our journey started with: “What it is we want to measure” we met with board to see what they want to measure; then established deliverables, and looked at all groups. <u>What came out of our discussions:</u></p> <ul style="list-style-type: none"> -Currently reviewed on Annual basis -We built a decision tree -Discussions on what is a recordable and what is not <p>Patrick Kearley (Ensign Energy) Patrick presented key topic points:</p> <ul style="list-style-type: none"> -We need to get the right participation -We need to follow OSHA requirements as an overall umbrella -At the end of this quarter we can ask companies what we want to record <p>Current Issues: <u>Do we still need a report?</u></p> <ul style="list-style-type: none"> -If the data is not accurate, why present? <p>Temporary solution: use an asterisk in the report to say something along the lines of only recording what is reported.</p> <p><u>Who is auditing us?</u></p> <ul style="list-style-type: none"> -Currently no checks & balances -Based on Honor System -We need to get away from old school reporting (absence of incidents) -Create benefits statement for Mission <p><u>Do we have the right people: (Include the following people):</u></p> <ul style="list-style-type: none"> -Jason Jensen -Dan Lundstrum -Patrick Kearley -Richard Grayson -Marcelo Azeredo

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11:41-11:58	<p>Did we meet our objectives? (Where can we improve?) Derek Hibbard (SeaDrill) Derrick asked group what we did right, and where we can improve</p> <p>What we did Right: - Face-to-Face - Presentation - Met Day before meeting</p> <p>What didn't work? Where can we improve? - We would love to see who's on the Call - Like to see more participation from upper level - Understand the priorities</p> <p>Next Steps - Develop a playbook with strategies -Culture -Leadership Behaviors -Goals</p>
12:00	Adjournment

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Action Items

Action No.	Action	Responsible	Action Due Date
1	Committee Chairs to Set-up next HSE&T Committee meeting and communicate it out to the members in advance.	Derek Hibbard Rhett Winter James Penny Brooke Polk	Ongoing
2	Present next HSE&T committee meeting's safety moment. Next Meeting be held in person at IADC headquarters, on May 9 th (sub-meeting) and May 10 th (full meeting).	Tim Dibben	10MAY2022
3	Reach out to see who is interested in joining the ISP Committee	Rhett Winter	Ongoing
4	Follow In-step with ISP committee; Mid-April; One meeting in morning, and one meeting in afternoon	All	15APR2022
5	Prepare a report of all companies who are currently reporting and all companies that are currently not participating	Bill Krull	2 nd Qtr. 2022.

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International Association of Drilling Contractors
 IADC HSE & Workforce Development Committees
 IADC - Houston Office - Crown 1
 9:00am - 12:00pm
 29-Mar-2022
 In-Person Sign In

Name (First/Last)		Company Name	Email	Signature
Olaf	Martinez	IADC	olaf.martinez@iadc.org	
James	Perry	Transocean	james.perry@deepwater.com	
Kristin	Ward	IADC	kristin.ward@iadc.org	
Mike	Truitt	ICD	mtruitt@icdrilling.com	
Deborah	Jones	ICD	djones@icdrilling.com	
Bill	Krull	IADC	bill.krull@IADC.org	
Brooke	Palk	IADC	brooke.palk@iadc.org	
Dan	Lundstrom	Western Energy	d.lundstrom@wesc.ca	
CHRIS	Doremus	Remote MD	cdoremus@remotemd.net	
Ryan	D'Anno	Precision Drilling	rdanno@precisiondrilling.com	
MORRIS	DEAKOWSKI	RELY ON NUTEC	MORRIS@US.RELYONNUTEC.COM	
Jim	Shelton	OSHA	shelton.james@dol.gov	
JARREL	PELLEY	Transocean	jarrel.pelley@deepwater.com	
FIDEL	GARCIA	Rely ON NUTEC	fgarcia@US.RelyonNutec.com	
Jim	Rocco	IADC	jim.rocco@iadc.org	
Shelli	Winter	IADC	shelli.winter@iadc.org	
Leesa	Teel	IADC	leesa.teel@iadc.org	
Bob	Warren	IADC	bob.warren@iadc.org	
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Dana	Varisco	WCS	DVarisco@wellcontrol.com	
Patrick	Kearley	Ensign Energy	patrick.kearley@ensignenergy.com	
Jason	Jensen	Ensign Energy	jason.jensen@ensignenergy.com	

ZOOM PARTICIPANTS

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James	Taylor	Noble	JanTaylor@noblecorp.com	
Richard	Grayson	Nabors	richard.grayson@nabors.com	
Chris	Evanick	Patterson-UTI	Christopher.Evanick@patenergy.com	
Vicki	Watkins	WTSC	v.watkins@wtsc.org	
Christopher	Stroz	Chevron	cstroz@chevron.com	
Miron	Bertoch	Rig QA	mironb@rigqa.com	

Joint IADC HSE/Workforce Development Committee Meeting, 29 March, IADC HQ

To IADC HSE & Workforce Development Committee Members:

As a reminder, the joint IADC HSE/Workforce Development Committee Meeting will be held at IADC Headquarters on Tuesday, 29 March, from 9-11 am CDT. The agenda is shown below. Please register online if you plan to attend:

<https://www.iadc.org/event/iadc-hse-committee-6/>. A virtual option will be available for those unable to join us in person. Registered attendees will receive Zoom access/login instructions the day prior to the meeting.

Agenda:

- Welcome & Introductions – Derek Hibbard, SeaDrill
- Anti-Trust – Rhett Winter, IADC
- Safety Moment – TBD
- HSET Conference Program Discussion – Leesa Teel, IADC
- HSE/Workforce Development Committee Merger – Derek Hibbard, Brooke Polk, IADC (Brooke to open the discussion)
- ISP Update and Annual Review – Bill Krull & Rhett Winter, IADC
- Break
- Attracting Talent in the Workforce, Darrel Pelley, Transocean
- Offshore Regulatory Update, Jim Rocco, IADC
- 2021 Committee Work Discussion – Derek Hibbard o KPI WG Update o SIF Working Group
- AOB

Kind Regards,
Lori Gagula
International Association of Drilling Contractors

International Association of Drilling Contractors (IADC)
3657 Briarpark Drive, Suite 200
Houston, Texas 77042

Useful Links: IADC.org | [Industry Events](http://IndustryEvents.com) | DrillingContractor.org



IADC INCIDENT STATISTICS PROGRAM RIG OPERATIONS

1. US LAND

Company Name: _____
 Address: _____
 City, State, Zip, Country: _____

Completed By: _____
 Phone: _____
 Fax: _____
 E-Mail: _____

***WHEN MAKING CHANGES TO MONTHS/NUMBERS ALREADY SUBMITTED.
PLEASE INDICATE BY TYPING "UPDATED/ MONTH & DAY" NEXT THE MONTH IN THE MONTH COLUMN.***

Month	Monthly Man Hours	Medical Treatment (MTO)	Restricted Work (RWC)	Lost Time Incident (LTI)	Fatality (FTL)
JANUARY	Total Hours Including Rig and Admin.				
FEBRUARY	Total Hours Including Rig and Admin.				
MARCH	Total Hours Including Rig and Admin.				
1st Quarter Totals Only		0	0	0	0
APRIL	Total Hours Including Rig and Admin.				
MAY	Total Hours Including Rig and Admin.				
JUNE	Total Hours Including Rig and Admin.				
2nd Quarter Totals Only		0	0	0	0
JULY	Total Hours Including Rig and Admin.				
AUGUST	Total Hours Including Rig and Admin.				
SEPTEMBER	Total Hours Including Rig and Admin.				
3rd Quarter Totals Only		0	0	0	0
OCTOBER	Total Hours Including Rig and Admin.				
NOVEMBER	Total Hours Including Rig and Admin.				
DECEMBER	Total Hours Including Rig and Admin.				
4th Quarter Totals Only		0	0	0	0
Company Year To Date Totals:		0	0	0	0

Complete and return to: IADC
 Telephone Number: 1/713-292-1945 E-mail Address: isp@iadc.org



International Association of Drilling Contractors
Rotary Rig Incident Statistics Program
2021 4th Quarter Verification Report

TURKEY

This report contains the data you submitted for your company under ID number 90321 for the 4th Quarter of 2021. Note that this report may not contain reports of corrections received after March 29, 2022. Please review this report. If there are any corrections required, make changes to this original and mark it 'Corrected Report'. Return the corrections to IADC.

Category: Middle East - Land

Month	Labor Hours	MTO	RWC	LTI	FTL
January	16932.00	0	0	0	0
February	18984.00	0	0	0	0
March	17784.00	0	0	0	0
April	31200.00	0	0	0	0
May	44580.00	0	0	0	0
June	59496.00	0	0	0	0
July	70956.00	0	0	0	0
August	83436.00	0	0	0	0
September	79692.00	0	0	0	0
October	86088.00	0	1	0	0
November	79824.00	0	0	0	0
December	63432.00	0	0	0	0
	652,404.00	0	1	0	0

LTI Incident/Freq Rate: 0.00 / 0.00

Recordable Incident/Freq Rate: 0.31 / 1.53

DART Incident/Freq Rate: 0.31 / 1.53

_____ This data is correct.

_____ This data is not correct. Corrected reports are attached.

Name

Company

Date

Return to Bill Krull at IADC isp@iadc.org

SUPPLEMENTAL INCIDENT REPORT (SIR) FORM

Complete one SIR form for each Recordable Incident.
Complete each line or check applicable box.

COMPANY NAME: _____

1. RIG NAME/NUMBER: _____

2. CHECK CLASSIFICATION TYPE:

- 1 Medical Treatment Only (MTO)
- 2 Restricted Work Case (RWC)
- 3 Lost Time Incident (LTI)
- 4 Fatality (FTL)

3. DATE OF INCIDENT:

Month

Year

4. REGION THIS INCIDENT OCCURRED:

- 1 US Land
- 2 US Water
- 3 Canada Land
- 4 Canada Water
- 5 Central America & Caribbean Land
- 6 Central America & Caribbean Water
- 7 European Land
- 8 European Water
- 9 Africa Land
- 10 Africa Water

- 11 Middle East Land
- 12 Middle East Water
- 13 Asia Pacific Land
- 14 Asia Pacific Water
- 17 South America Land
- 18 South America Water
- 15 Australasia Land
- 16 Australasia Water

5. CHECK POSITION OF AFFECTED PERSON: (Check only ONE item)

- 1 Roustabout (Lease hand)
- 2 Floorman
- 3 Derrickman
- 4 Driller (Asst. Dr.)
- 5 Toolpusher (Asst. TP)(Tourpusher)
- 6 Electrician(Electronic Technician)
- 7 Motorman
- 8 Mechanic(Repair Technician)
- 9 Crane Operator(Forklift Operator)
- 10 Barge Engineer/Ballast Control Op.
- 11 Superintendent/other Supervisors
- 12 Truck Driver(Truck Pusher)

- 13 Rig Helper
- 14 Truck Helper
- 15 Welder
- 16 Maintenance Supervisor
- 17 Catering Personnel(Camp Staff)
- 18 Radio Operator
- 19 Deck Supervisor(Deck Coordinator)
- 20 Subsea Engineer
- 21 Medic
- 22 Marine Crew
- 23 Safety Officer

6. CHECK PART OF BODY: (Check only ONE item)

- 1 Eyes(eyelid)
- 2 Head(face, nose, mouth, chin, jaw, teeth, eyebrow)
- 3 Back
- 4 Trunk / Torso(chest, abdomen, groin)/ Core
- 5 Arm(s)
- 6 Hand(s) / Wrists
- 7 Finger(s)(Thumb[s])
- 8 Leg(s)
- 9 Feet / Ankles

- 10 Toes
- 11 Neck
- 12 Shoulder(s)
- 13 Elbow(s)
- 14 Knee
- 15 Skin
- 16 Lungs / Respiratory Problems
- 17 Digestive / Internal Problems

7. CHECK INCIDENT TYPE: (Check only ONE item)

- 1 Struck By
- 2 Struck Against
- 3 Caught Between / In
- 4 Slip / Fall Same Level
- 5 Slip / Fall Different Level
- 6 Strain / Overexertion
- 7 Contact With Chemicals / Fluids
- 8 Electrical Shock
- 9 Flame / heat/ steam (contact / exposed)
- 10 Debris

- 11 Cut
- 12 Exposure to Weather
- 13 Jump
- 14 Vehicle
- 15 Exposure to Gas
- 16 Chemical Inhalation
- 17 Sprain
- 18 Heat Exhaustion / Stroke
- 19 Caught On

8. CHECK EQUIPMENT TYPE: (Check only ONE item)

- 1 Tongs
- 2 Elevators
- 3 Slips(drill collar clamp)
- 4 Spinning Chain
- 5 Iron Roughneck, Pipe Spinner, etc.
- 6 Rotary
- 7 Pipe / Collars / Tubulars / Csg.
- 8 Cathead / Drawworks
- 9 Slings (rope, cable, chain, web)
- 10 Hand Tools: Manual
- 11 Hand Tools: Power
- 12 Engines / Pumps / Machinery
- 13.1 Transportation-boat
- 13.2 Transportation-car, truck, bus
- 13.3 Transportation-helicopter
- 14 Kelly Bushings (master bushings)

- 15 Stairs
- 16 Well Control(BOP) Stack (well head, tree)
- 17 Material
- 18 Pressure Hoses / Lines
- 19.1 Crane - Cherry Picker
- 19.2 Winch Truck
- 19.3 Forklift
- 20 Ladders
- 21 Decks (grating, walkway)
- 22 Welding, Cutting, Grinding Equipment
- 23 Chemicals (sack, drum, pail, bulk hopper)
- 24 Top Drive (blocks, swivel, Kelly)
- 25 Anchor Handling - Chains / Cables / Winches
- 26 Rig Floor Winch / Deck Winch (air / hydraulic)
- 27 Boat Cargo (Skids, Tubulars, Containers, Etc.)

9. CHECK OPERATION AT TIME OF INCIDENT: (Check only ONE item)

- 1 Tripping in/out(makeup/brakeout BHA, test tools, etc.)
- 2 Making Connection
- 3 Routine Drilling Operations
- 4 Running Casing / Tubing(Rig up/down Csg. Tools)
- 5 Laying Down / Picking up Pipe / Tubulars
- 6 Material Handling Manual
- 7.1 Material Handling Crane / Cherry Picker
- 7.2 Material Handling Winch Truck
- 7.3 Material Handling Forklift
- 7.4 Material Handling Rig Floor Winch
- 8 Rigging Up / Down(rig move preparation, rig move)
- 9 Well Control(BOP) Stack(well head/tree) Install/Maintenance
- 10 Rig/Equipment Repairs or Maintenance

- 11 Mud Mixing / Pumping
- 12 Cementing
- 13 Special Operations (wireline, perforating, etc.)
- 14 Walking
- 15 Training
- 16 Well Testing
- 17 Abrasive Blasting / Paint / Scale Removal
- 18 Painting(painting related tasks)
- 19 Running / Retrieving Anchors
- 20 Handling Riser
- 21 Jacking Up / Down Operations
- 22 Travel/transportation
- 23 Rig Move/Towing/Anchor Handling

10. CHECK PRIMARY LOCATION AT TIME OF INCIDENT: (Check only ONE item)

- 1 Rig Floor(rotary, pipe set back area)
- 2 Pipe Rack / Pipe Deck
- 3 Catwalk / V-door
- 4 Derrick/mast (crown, monkey/stabbing board, A-frame)
- 5 Well Control(BOP) Stack/wellhead/tree Area
- 6 Mud Mixing Tank / Area
- 7 Shale Shaker
- 8 Mud Pits / Tanks
- 9 Engine Room / Generator Room
- 10 SCR / Electrical Room
- 11 Stairs / Ladders
- 12 Rig Pad/Rig Decks (rig/well site/location, yard)
- 13 Work Room (Change House, Storage House)
- 14 Living / Camp Areas / Accommodations

- 15 Crew / Work Boats
- 16 Cellar / Substructure / Moonpool
- 17.1 Truck, car, bus,
- 17.2 Helicopter
- 18 Machinery Spaces
- 19 Mud Pump Room
- 20 Pontoon
- 21 Fuel / Water Storage Tanks
- 22 Jacking House
- 23.1 Cherry Picker / Crane
- 23.2 Winch Truck
- 23.3 Forklift
- 24 Anchor Winch Station/Area

11. CHECK TIME IN SERVICE FOR COMPANY: (Check only ONE item)

- 1 0 months < 3 months
- 2 > 3 months < 6 months
- 3 > 6 months < 1 year

- 4 > 1 year < 5 years
- 5 > 5 years < 10 years
- 6 10 + years

12. CHECK TIME OF DAY: (Check only ONE item)

- 1 01:00 Hours
- 2 02:00 Hours
- 3 03:00 Hours
- 4 04:00 Hours
- 5 05:00 Hours
- 6 06:00 Hours
- 7 07:00 Hours
- 8 08:00 Hours
- 9 09:00 Hours
- 10 10:00 Hours
- 11 11:00 Hours
- 12 12:00 Hours
- 13 13:00 Hours
- 14 14:00 Hours
- 15 15:00 Hours
- 16 16:00 Hours
- 17 17:00 Hours
- 18 18:00 Hours
- 19 19:00 Hours
- 20 20:00 Hours
- 21 21:00 Hours
- 22 22:00 Hours
- 23 23:00 Hours
- 24 24:00 Hours

13. CHECK AGE OF INJURED: (Check only ONE item)

- 1 18 - 25
- 2 26 - 35
- 3 36 - 45
- 4 46 - 55
- 5 56 - 65
- 6 66 & above



International Association of Drilling Contractors

Rotary Rig Incident Statistics Program

2021 Year to Date Summary Report By Category

4th Quarter Numbers

Category	Total Manhours	Total MTOs	Total RWTCs	Total LTIs	Total FTLs	Total RCRD	LTI INCD. Rate	LTI FREQ. Rate	DART INCD. Rate	DART FREQ. Rate	RCRD INCD. Rate	RCRD FREQ. Rate
US - Land	34,546,949.00	83	109	74	1	267	0.43	2.17	1.07	5.33	1.55	7.73
US - Water	11,666,529.00	12	19	5	0	36	0.09	0.43	0.41	2.06	0.62	3.09
Canada - Land	3,984,470.00	2	15	3	0	20	0.15	0.75	0.90	4.52	1.00	5.02
Canada - Water	356,046.00	0	1	0	0	1	0.00	0.00	0.56	2.81	0.56	2.81
Central America & Caribbean - Land	770,092.00	1	2	5	0	8	1.30	6.49	1.82	9.09	2.08	10.39
Central America & Caribbean - Water	5,944,712.00	3	1	6	0	10	0.20	1.01	0.24	1.18	0.34	1.68
European - Land	4,579,954.00	2	2	5	0	9	0.22	1.09	0.31	1.53	0.39	1.97
European - Water	25,708,388.00	17	13	15	0	45	0.12	0.58	0.22	1.09	0.35	1.75
Africa - Land	31,356,565.00	36	122	56	1	215	0.36	1.82	1.14	5.71	1.37	6.86
Africa - Water	9,736,148.00	5	1	2	0	8	0.04	0.21	0.06	0.31	0.16	0.82
Middle East - Land	74,722,959.00	23	33	26	2	84	0.07	0.37	0.16	0.82	0.22	1.12
Middle East - Water	36,742,226.00	11	19	7	1	38	0.04	0.22	0.15	0.73	0.21	1.03
Asia Pacific - Land	6,320,057.00	4	1	0	0	5	0.00	0.00	0.03	0.16	0.16	0.79
Asia Pacific - Water	23,341,362.00	9	7	9	2	27	0.09	0.47	0.15	0.77	0.23	1.16
South America Land	6,899,226.00	7	10	7	0	24	0.20	1.01	0.49	2.46	0.70	3.48
South America Water	8,670,193.00	3	4	1	0	8	0.02	0.12	0.12	0.58	0.18	0.92
Australasia - Land	2,058,271.00	2	0	1	0	3	0.10	0.49	0.10	0.49	0.29	1.46
Australasia - Water	2,053,595.00	4	5	2	0	11	0.19	0.97	0.68	3.41	1.07	5.36
US Combined	46,213,478.00	95	128	79	1	303	0.35	1.73	0.90	4.50	1.31	6.56
Canada Combined	4,340,516.00	2	16	3	0	21	0.14	0.69	0.88	4.38	0.97	4.84
Central America Caribbean Combined	6,714,804.00	4	3	11	0	18	0.33	1.64	0.42	2.08	0.54	2.68
European Combined	30,288,342.00	19	15	20	0	54	0.13	0.66	0.23	1.16	0.36	1.78
Africa Combined	41,092,713.00	41	123	58	1	223	0.29	1.44	0.89	4.43	1.09	5.43
Middle East Combined	111,465,185.00	34	52	33	3	122	0.06	0.32	0.16	0.79	0.22	1.09
Asia Pacific Combined	29,661,419.00	13	8	9	2	32	0.07	0.37	0.13	0.64	0.22	1.08

MTO = Medical Treatment Only	INCD = Incident Rate (200,000 manhours) :	<i>LTI INCD Rate = (LTIs + FTLs) * 200000 / Total Manhours</i>
RWTC = Restricted Work/Transfer Case		<i>DART INCD Rate = (RWTCs + LTIs + FTLs) * 200000 / Total Manhours</i>
LTI = Lost Time Incident	FREQ = Frequency Rate (1,000,000 manhours) :	<i>RCRD INCD Rate = (MTOs + RWTCs + LTIs + FTLs) * 200000 / Total Manhours</i>
FTL = Fatality		<i>LTI FREQ Rate = (LTIs + FTLs) * 1,000,000 / Total Manhours</i>
RCRD = Total Recordables		<i>DART FREQ Rate = (RWTCs + LTIs + FTLs) * 1,000,000 / Total Manhours</i>
		<i>RCRD FREQ Rate = (MTOs + RWTCs + LTIs + FTLs) * 1,000,000 / Total Manhours</i>
DART = Days Away (LTI) cases + Restricted Work/Transfer Cases		



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Category	Total Manhours	Total MTOs	Total RWTCs	Total LTIs	Total FTLs	Total RCRD	LTI INCD. Rate	LTI FREQ. Rate	DART INCD. Rate	DART FREQ. Rate	RCRD INCD. Rate	RCRD FREQ. Rate
South America Combined	15,569,419.00	10	14	8	0	32	0.10	0.51	0.28	1.41	0.41	2.06
Australasia Combined	4,111,866.00	6	5	3	0	14	0.15	0.73	0.39	1.95	0.68	3.40
INDUSTRY TOTAL	289,457,742.00	224	364	224	7	819	0.16	0.80	0.41	2.0556	0.57	2.83

MTO = Medical Treatment Only	INCD = Incident Rate (200,000 manhours) :	<i>LTI INCD Rate = (LTIs + FTLs) * 200000 / Total Manhours</i>
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	DART = Days Away (LTI) cases + Restricted Work/Transfer Cases	