Summary of Occupational Incidents
(Central America & Caribbean Water Totals)

Issued 15 June 2015
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### IADC 2014 Central America/Caribbean Water Totals (Table 1)

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
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<tbody>
<tr>
<td>Total Man-hours</td>
<td>7,148,806</td>
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<tr>
<td>Total Medical Treatment Incidents</td>
<td>16</td>
</tr>
<tr>
<td>Total Restricted Work Incidents</td>
<td>4</td>
</tr>
<tr>
<td>Total Lost Time Incidents</td>
<td>10</td>
</tr>
<tr>
<td>Total Fatalities</td>
<td>2</td>
</tr>
<tr>
<td>Total Recordables</td>
<td>32</td>
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<table>
<thead>
<tr>
<th>Incidence Rate</th>
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<tbody>
<tr>
<td>MTO Incidence Rate</td>
<td>0.45</td>
</tr>
<tr>
<td>RWC Incidence Rate</td>
<td>0.11</td>
</tr>
<tr>
<td>LTI Incidence Rate</td>
<td>0.34</td>
</tr>
<tr>
<td>LTI Frequency Rate</td>
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<tr>
<td>DART Incidence Rate</td>
<td>0.45</td>
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<tr>
<td>DART Frequency Rate</td>
<td>2.24</td>
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<tr>
<td>Recordable Incidence Rate</td>
<td>0.90</td>
</tr>
<tr>
<td>Recordable Frequency Rate</td>
<td>4.48</td>
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</tbody>
</table>

Companies Reporting: Water – 9

Medical Treatment Incidence Rate = MTOs X 200,000
Restricted Work Incidence Rate = RWCs X 200,000
Lost Time Incidence Rate = LTIs + FTLs X 200,000
DART Incidence Rate = LTIs + RWC X 200,000
Recordable Incidence Rate = RCRD X 200,000

Central America & Caribbean Water Total Incidence Rates vs Man-hours (Figure 1)
Central America & Caribbean Water Lost Time Incidents by Month (Chart 1)
Based on 10 Incidents

- February: 10.00%
- April: 30.00%
- August: 20.00%
- October: 20.00%
- December: 20.00%
Central America & Caribbean Water Total Recordable Incidents by Month (Chart 2)
Based on 32 Incidents

December 12.50%
November 3.13%
October 15.63%
September 9.38%
August 9.38%
July 6.25%
June 9.38%
May 9.38%
April 15.63%
Central America & Caribbean Water Lost Time Incidents by Occupation (Chart 3) 
Based on 10 Incidents

- Motorman: 10.00%
- Toolpusher (Asst.TP, Tourpusher): 10.00%
- Driller (Asst. Dr.): 10.00%
- Floorman: 30.00%
- Derrickman: 10.00%
- Roustabout (Lease Hand): 30.00%
Central America & Caribbean Water Total Recordable Incidents by Occupation (Chart 4)

Based on 32 Incidents

- Roustabout (Lease Hand): 12.50%
- Floorman: 21.88%
- Derrickman: 6.25%
- Driller (Asst. Dr.): 15.63%
- Toolpusher (Asst.TP, Tourpusher): 3.13%
- Electrician: 3.13%
- Mechanic: 12.50%
- Motorman: 9.38%
- Derrickman: 6.25%
- Floorman: 21.88%
- Other: 3.13%
- Crane / Forklift Operator: 9.38%
- Welder: 3.13%
Central America & Caribbean Water Lost Time Incidents by Body Part (Chart 5)
Based on 10 Incidents

- Finger(s) 40.00%
- Hand(s) / Wrist(s) 10.00%
- Trunk/Torso (chest, abdomen, groin) 10.00%
- Head 20.00%
- Feet/Ankles 20.00%
Central America & Caribbean Water Total Recordable Incidents by Body Part (Chart 6)
Based on 32 Incidents

- Finger(s): 34.38%
- Hand(s) / Wrist(s): 18.75%
- Trunk/Torso (chest, abdomen, groin): 6.25%
- Head: 15.63%
- Back: 3.13%
- Elbow(s): 3.13%
- Knee(s): 3.13%
- Leg(s): 3.13%
- Feet/Ankles: 9.38%
- Other: 3.13%
Central America & Caribbean Water Lost Time Incidents by Incident Type (Chart 7)
Based on 10 Incidents

- Caught Between/In: 50.00%
- Struck By: 20.00%
- Flame/heat/steam (contact/exposed): 10.00%
- Cut: 10.00%
- Jump: 10.00%
Central America & Caribbean Water Recordable Incidents by Type (Chart 8)
Based on 32 Incidents

- Caught Between/In: 34.38%
- Struck By: 18.75%
- Struck Against: 9.38%
- Slip/Fall: Same Level: 6.25%
- Flame/heat/steam (contact/exposed): 3.13%
- Contact With Chemicals/Fluids: 3.13%
- Strain/Overexertion: 3.13%
- Cut: 15.63%
- Jump: 3.13%
Central America & Caribbean Water Lost Time Incidents by Equipment (Chart 9)
Based on 10 Incidents

- Rig Floor Winch/Deck Winch (air/hydraulic) 20.00%
- Top Drive (blocks, swivel, kelly) 10.00%
- Crane 10.00%
- Pipes/Collars/Tubulars/Csg. 20.00%
- Elevators 10.00%
- Tongs 10.00%
- Other 20.00%
Central America & Caribbean Water Total Recordable Incidents by Equipment (Chart 10)
Based on 32 Incidents

- Tongs: 12.50%
- Elevators: 3.13%
- Pipes/Collars/Tubulars/Csg.: 12.50%
- Material: 6.25%
- Boat: 3.13%
- Pressure Hoses/Lines: 3.13%
- Crane: 6.25%
- Welding, Cutting, Grinding Equipment: 3.13%
- Top Drive (blocks, swivel, kelly): 6.25%
- Rig Floor Winch/Deck Winch (air/hydraulic): 6.25%
- Other: 15.63%

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Central America & Caribbean Water Lost Time Incidents by Operation (Chart 11)
Based on 10 Incidents

- Well Testing 10.00%
- Tripping in/out 10.00%
- BOP Stack Install/Maintenance 10.00%
- Routine Drilling Oper. 10.00%
- Making Connection 10.00%
- Running Casing/Tubing 10.00%
- Material Handling: Winch Truck 10.00%
- Material Handling: Crane/Cherry Picker 10.00%
- Material Handling: Manual 10.00%
- Material Handling: Manual 10.00%
- Rig/Equipment Repairs or Maintenance 10.00%
- Making Connection 10.00%
- Routine Drilling Oper. 10.00%
- Running Casing/Tubing 10.00%
- Material Handling: Winch Truck 10.00%
- Material Handling: Crane/Cherry Picker 10.00%
- Material Handling: Manual 10.00%
- Rig/Equipment Repairs or Maintenance 10.00%
Central America & Caribbean Water Total Recordable Incidents by Operation (Chart 12)
Based on 32 Incidents

- **Tripping in/out**: 12.50%
- **Material Handling: Manual**: 15.63%
- **Material Handling: Crane/Cherry Picker**: 6.25%
- **Material Handling: Rig Floor Winch**: 3.13%
- **Material Handling: Winch Truck**: 3.13%
- **BOP Stack Install/Maintenance**: 3.13%
- **Rigging Up/Down**: 3.13%
- **Well Testing**: 3.13%
- **Rig/Equipment Repairs or Maintenance**: 25.00%
- **Making Connection**: 3.13%
- **Routine Drilling Oper.**: 12.50%
- **Running Casing/Tubing**: 3.13%
- **Other**: 6.25%

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Central America & Caribbean Water Lost Time Incidents by Location (Chart 13)
Based on 10 Incidents

- Rig Pad/Rig Decks: 10.00%
- Machinery Spaces: 10.00%
- BOP Stack / well head/tree Area: 10.00%
- Pipe Rack/Pipe Deck: 10.00%
- Rig Floor: 60.00%
Central America & Caribbean Water Recordable Incidents by Location (Chart 14)

Based on 32 Incidents

- Rig Floor: 34.38%
- BOP Stack / well head/tree Area: 12.50%
- Pipe Rack/Pipe Deck: 12.50%
- Mud Mixing Tank/Area: 6.25%
- Mud Pits/Tanks: 3.13%
- Shale Shaker: 3.13%
- Engine Generator Room: 3.13%
- Mud Pumps Room: 6.25%
- Machinery Spaces: 6.25%
- Rig Pad/Rig Decks: 6.25%
- Work Rooms change, storage, room: 3.13%
- Living/Camp Areas/Accommodations: 6.25%
- Other: 3.13%

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Central America & Caribbean Water Lost Time Incidents by Time in Service (Chart 15)
Based on 10 incidents

- >1 yr. < 5 yrs. 50.00%
- >5 yrs. < 10 yrs. 30.00%
- >6 mos. < 1 yr. 10.00%
- 10+ yrs. 10.00%
Central America & Caribbean Water Recordable Incidents by Time In Service (Chart 16)
Based on 31 Incidents

- >1 yr. < 5 yrs. 45.16%
- >5 yrs. < 10 yrs. 29.03%
- >6 mos. < 1 yr. 12.90%
- >3 mos. < 6 mos. 6.45%
- 10+ yrs. 6.45%
- >1 yr. < 5 yrs. 45.16%
Central America & Caribbean Water Lost Time Incidents by Time of Day (Chart 17)
Based on 10 incidents

- 23:00: 10.00%
- 20:00: 10.00%
- 17:00: 10.00%
- 14:00: 10.00%
- 1:00: 10.00%
- 4:00: 10.00%
- 8:00: 10.00%
- 9:00: 10.00%
- 10:00: 10.00%
- 11:00: 10.00%
- 12:00: 10.00%
Central America & Caribbean Water Recordable Incidents by Time of Day
Chart 18)
Based on 32 Incidents

10:00: 3.13%
11:00: 9.38%
12:00: 3.13%
13:00: 6.25%
14:00: 6.25%
15:00: 6.25%
16:00: 3.13%
17:00: 6.25%
18:00: 3.13%
19:00: 3.13%
20:00: 3.13%
21:00: 3.13%
22:00: 3.13%
23:00: 3.13%
24:00: 3.13%
Central America & Caribbean Water Lost Time Incidents by Age (Chart 19)
Based on 7 Incidents

- 36 - 45: 42.86%
- 26 - 35: 28.57%
- 46 - 55: 28.57%
Central America & Caribbean Water Recordable Incidents by Age (Chart 20)
Based on 21 Incidents

- 56 - 65: 4.76%
- 46 - 55: 28.57%
- 36 - 45: 38.10%
- 26 - 35: 23.81%
- 18 - 25: 4.76%