IADC
ISP PROGRAM
2013
Summary of Occupational Incidents
(Central America & Caribbean Land Totals)
Issued 20 May 2014
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### IADC 2013 Central America & Caribbean Land Totals

(Table 1)

<table>
<thead>
<tr>
<th>Category</th>
<th>Total</th>
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<tbody>
<tr>
<td>Total Manhours</td>
<td>8,760,583</td>
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<tr>
<td>Total Medical Treatment Incidents</td>
<td>8</td>
</tr>
<tr>
<td>Total Restricted Work Incidents</td>
<td>8</td>
</tr>
<tr>
<td>Total Lost Time Incidents</td>
<td>12</td>
</tr>
<tr>
<td>Total Fatalities</td>
<td>0</td>
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<tr>
<td>Total Recordables</td>
<td>28</td>
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<table>
<thead>
<tr>
<th>Incidence Rate</th>
<th>Value</th>
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<tr>
<td>MTO Incidence Rate</td>
<td>0.18</td>
</tr>
<tr>
<td>RWC Incidence Rate</td>
<td>0.18</td>
</tr>
<tr>
<td>LTI Incident Rate</td>
<td>0.27</td>
</tr>
<tr>
<td>LTI Frequency Rate</td>
<td>1.37</td>
</tr>
<tr>
<td>DART Incidence Rate</td>
<td>0.46</td>
</tr>
<tr>
<td>DART Frequency Rate</td>
<td>2.28</td>
</tr>
<tr>
<td>Recordable Incidence Rate</td>
<td>0.64</td>
</tr>
<tr>
<td>Recordable Frequency Rate</td>
<td>3.20</td>
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</tbody>
</table>

Companies Reporting: Land – 6

- 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 Land Total Incidence Rates vs Man-hours

![Graph showing Incidence Rates vs Man-hours from 2010 to 2013]
IADC 2013 Central America & Caribbean Land Charts
Central America & Caribbean Land Total Lost Time Incidents by Month (Chart 1)
Based on 12 Incidents

March 8.33%
April 33.33%
May 8.33%
June 8.33%
July 8.33%
August 8.33%
September 8.33%
October 8.33%
November 8.33%
December 8.33%
April 33.33%
Central America & Caribbean Land Total Recordable Incidents by Month (Chart 2)
Based on 28 Incidents

January: 3.57%
March: 7.14%
April: 21.43%
May: 10.71%
June: 10.71%
July: 3.57%
August: 10.71%
September: 10.71%
October: 3.57%
November: 10.71%
December: 7.14%
April: 21.43%
May: 10.71%
June: 10.71%
July: 3.57%
Central America & Caribbean Land Total Lost Time Incidents by Occupation (Chart 3)
Based on 12 Incidents

- Floorman: 41.67%
- Derrickman: 25.00%
- Electrician (Electronic Technician): 8.33%
- Driller (Asst. Dr.): 8.33%
- Motorman: 8.33%
- Roustabout (Lease Hand): 8.33%
Central America & Caribbean Recordable Incidents by Occupation (Chart 4)
Based on 28 Incidents

- Mechanic (Repair Technician) 3.57%
- Crane Operator (Forklift Operator) 7.14%
- Driller (Asst. Dr.) 7.14%
- Derrickman 21.43%
- Floorman 35.71%
- Roustabout (Lease Hand) 10.71%
- Electrician (Electronic Technician) 7.14%
- Motorman 7.14%

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Central America & Caribbean Land Total Lost Time Incidents by Body Part (Chart 5)
Based on 12 Incidents

- Knee(s) 8.33%
- Eyes (eyelid) 8.33%
- Head 8.33%
- Back 8.33%
- Finger(s) 33.33%
- Feet/Ankles 25.00%
- Leg(s) 8.33%
Central America & Caribbean Land Total Recordable Incidents by Body Part (Chart 6)
Based on 28 Incidents

- Finger(s): 39.29%
- Head: 17.86%
- Back: 3.57%
- Hand(s) / Wrist(s): 3.57%
- Eyes (eyelid): 7.14%
- Other: 3.57%
- Knee(s): 3.57%
- Feet/Ankles: 10.71%
- Leg(s): 10.71%
Central America & Caribbean Land Total Lost Time Incidents by Incident Type (Chart 7)

Based on 12 Incidents

- Caught Between/In: 41.67%
- Struck Against: 25.00%
- Struck By: 8.33%
- Contact With Chemicals/Fluids: 8.33%
- Slip/Fall: Different Level: 16.67%
Central America & Caribbean Land Total Recordable Incidents by Incident Type (Chart 8)
Based on 28 Incidents

- Struck Against: 21.43%
- Struck By: 21.43%
- Caught Between/In: 42.86%
- Slip/Fall: Different Level: 7.14%
- Contact With Chemicals/Fluids: 3.57%
- Cut: 3.57%
Central America & Caribbean Land Total Lost Time Incidents by Equipment (Chart 9)
Based on 12 Incidents

- Elevators: 25.00%
- Hand Tools: Manual: 8.33%
- Decks (grating, walkway): 8.33%
- Top Drive (blocks, swivel, kelly): 8.33%
- Rig Floor Winch/Deck Winch (air/hydraulic): 8.33%
- Other: 41.67%
Central America & Caribbean Land Total Recordable Incidents by Equipment (Chart 10)

Based on 28 Incidents

- Elevators: 10.71%
- Iron Roughneck, Pipe Spinner, etc.: 3.57%
- Pipes/Collars/Tubulars/Csg.: 3.57%
- Slings (rope, cable, chain, web): 3.57%
- Hand Tools: Manual: 14.29%
- Hand Tools: Power: 3.57%
- Engines/Pumps/Machinery: 3.57%
- Other: 35.71%
- Tongs: 3.57%
- Decks (grating, walkway): 3.57%
- Material: 3.57%
- Top Drive (blocks, swivel, kelly): 3.57%
- Rig Floor Winch/Deck Winch (air/hydraulic): 3.57%
- Boat Cargo (skids, tubulars, containers, etc.): 3.57%
- Iron Roughneck, Pipe Spinner, etc.: 3.57%
- Decks (grating, walkway): 3.57%
- Material: 3.57%
- Top Drive (blocks, swivel, kelly): 3.57%
- Rig Floor Winch/Deck Winch (air/hydraulic): 3.57%
- Boat Cargo (skids, tubulars, containers, etc.): 3.57%
Central America & Caribbean Land Total Recordable Incidents by Operation (Chart 12)
Based on 28 Incidents

- Rig/Equipment Repairs or Maintenance: 32.14%
- Tripping in/out (makeup/brakeout BHA, test tools, etc.): 14.29%
- Well Control (BOP Stack (well head/tree) Install/Maintenance): 7.14%
- Making Connection: 3.57%
- Routine Drilling Operations: 7.14%
- Running Casing/Tubing (rig up/down csg. tools): 3.57%
- Material Handling: Manual: 3.57%
- Rigging Up/Down (rig move preparation, rig move): 14.29%
- Other: 10.71%
- Routine Drilling Operations: 7.14%
- Running Casing/Tubing (rig up/down csg. tools): 3.57%
- Material Handling: Manual: 3.57%
- Rigging Up/Down (rig move preparation, rig move): 14.29%
- Other: 10.71%
Central America & Caribbean Land Total Lost Time Incidents by Location (Chart 13)
Based on 12 Incidents

- Rig Floor (rotary, pipe set back area) 33.33%
- Derrick/Mast (crown, monkey/stabbing board, a-frame) 16.67%
- Rig Pad/Rig Decks 8.33%
- Mud Pits/Tanks 8.33%
- Living / Camp Areas / Accommodations 8.33%
- Other 25.00%
Central America & Caribbean Land Total Recordable Incidents by Location (Chart 14)
Based on 28 Incidents

- Other: 17.86%
- Pipe Rack/Pipe Deck: 3.57%
- Derrick/Mast (crown, monkey/stabbing board, a-frame): 7.14%
- Well Control (BOP) Stack (well head/tree) Area: 3.57%
- Mud Pits/Tanks: 3.57%
- Rig Pad/Rig Decks: 21.43%
- Cellar / Substructure / Moonpool: 7.14%
- Living / Camp Areas / Accommodations: 7.14%
- Mud Pump Room: 7.14%
- Rig Floor (rotary, pipe set back area): 21.43%
Central America & Caribbean Land Total Lost Time Incidents by Time in Service (Chart 15)
Based on 12 Incidents
Central America & Caribbean Land Total Recordable Incidents by Time in Service (Chart 16)
Based on 28 Incidents

- >1 yr. < 5 yrs. 53.57%
- >6 mos. < 1 yr. 7.14%
- >3 mos. < 6 mos. 3.57%
- 0 mo. < 3 mos. 3.57%
- >5 yrs. < 10 yrs. 28.57%
- 10+ yrs. 3.57%
Central America & Caribbean Land Total Lost Time Incidents by Time of Day (Chart 17)
Based on 12 Incidents

- 21:00: 8.33%
- 4:00: 8.33%
- 5:00: 16.67%
- 8:00: 8.33%
- 11:00: 8.33%
- 12:00: 8.33%
- 14:00: 8.33%
- 15:00: 8.33%
- 16:00: 8.33%
- 17:00: 8.33%
- 20:00: 8.33%
- 21:00: 8.33%
Central America & Caribbean Land Total Recordable Incidents by Time of Day (Chart 18)
Based on 28 Incidents

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<thead>
<tr>
<th>Time of Day</th>
<th>Percentage</th>
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