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| EPC | Weekly Report **7 August 2010** | |
| Date: 7 August 2010 | Project: Sidor Site A, Puerto Ordaz Venezuela | |
| Written By: Patrick Melody | ProEnergy EPC Project Mgr  ProEnergy Site Manager | William Lugo  Patrick Melody |
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**1. Executive Summary .**

This report provide an overview of the project activities for the week ending 7

* 1. **Safety & Regulatory Compliance** 
     + Develop Job Safety Analysis as required.
     + Inspection of motorized equipment prior to usage.
     + Inspection of subcontractor power tools.
     + Site orientation for new employees
  2. **Personnel/Staffing**

|  |  |  |  |
| --- | --- | --- | --- |
| Lugo, Bill | Project Director | Daniels, Julio | Tool Room (Local) |
|  |  | Izquierdo, Weiser | Mat'l. Handler |
| Melody, Patrick | Site Manager | Flores, Herman | Tool Room (Local) |
| Siros, James | Mech. Supt. | Newan, Miguel | Mat’l Handler |
| Bird, Jason | Tech. Advisor | Leccia, Karina | Admin Assist |
| Little, John | Material Manager | Rojas, Moises | Logistics |
| Frawely, Ted | Electrical | Zambrano, Natalia | Electrical Engineer |
| Blacke, Edward | Safety Manager | Alvarez, Josbett | Translator |
| Riley, Jasper | Electrical Supt. | Jansen Teodoro | Translator |
| Lynch, Patrick | Piping Supt. | Monasterios, O | Safety ( Local) |
| Siros, Melinda | Turn Over | Charcara, Alexandre | High Voltage |
| Caldwell, Donnie | Dual Fuel | Young ,Craig | High Voltage |
| Green, Kathy | Dual Fuel | Rodriguez, Scott | High Voltage |
| Nash, carlos | Dual Fuel | Goncalves, Adriano | High Voltage |
| Smothers, Shelby | Dual Fuel | Medina, David | High Voltage |
| Welty, Mark | Dual Fuel | Silva, Rafael | High Voltage |
| Golden, Gabe | Dual Fuel | Villarrel, Luis | Dual Fuel |
| Jackson, Steve | Dual Fuel |  |  |
| Keaton, Jim | Dual Fuel |  |  |
| Tokarse, Don | Dual Fuel |  |  |
| MacIntyre, Chuck | Dual Fuel |  |  |
| Sayago, Juan | Dual Fuel |  |  |

* 1. **Weekly Accomplishments** 
     + GT 100 Install pipe racks complete
     + GT 100 Final alignment
     + GT 100 Pull 750 mcm cable GSU to breaker
     + GT 200 High Voltage - GSU Install Radiators
     + GT 300 Exhaust Stack – Interior welding & Splice plates
     + GT 300 Install CO2 piping
     + GT 300 Install piping in the unit ongoing
     + GT 300 PDC Foundation complete
     + GT 300 Install drain lines
     + GT 300 Dual Fuel Install atomized air filter housing
     + GT 300 Dual Fuel Install LF Pump
     + GT 300 Aux transformer concrete placement
     + BOP – Fabricating pipe to gas compressor
     + BOP – Demin Water Tank – Install cathodic protection
     + BOP – Install Turbine Control Panel in Utility Bldg.
     + BOP – Install fire line ongoing
     + BOP - Install process pipe ongoing
     + BOP - Clean and verify duct bank conduit
     + BOP – Switch Yard Duct Bank complete
     + BOP - Existing Switch Yard Control Building core drilling for panel conduit installation
     + BOP – Install cable tray in existing Switch Yard Control Room complete
     + BOP – GSU Transformers100, 200, and 300 Oil fill and vacuum complete
     + BOP – Gas Compressor Transformer backfill
     + BOP – Site grading
     + POB – Utility Bldg. erection complete
     + BOP - Water Treatment Bldg. Foundation ongoing
     + BOP - Control Building Foundation ongoing
     + BOP – Clean and prove conduit in duct banks
     + BOP – Utility Bldg. Install cable tray complete



**1.4– Scheduling Conflicts**

* CPM schedule was issued 14 June 2010***.*** Schedule is being accelerated per SIDORS request.
  1. **– Site Managers Commentary and Amplifying Remarks**
* The following components have been sent to Termozulia. Beckwith; Electro Industries volt/amp meter; coupling bolts; purge and vent valves for fuel gas module; and ignition transformer. Lead times are critical for replacement of these items. Control cards for 7EA are also required this week by Termozulia.
* DCS design is not complete. DCS is in fabrication.
* ***Demin Water Tank - Cathodic protection installation is complete. Material arrived on site 4 August 2010.***
* ***The quality of the water supplied by SIDOR will not meet the criteria that PES/EDG presented to SIDOR earlier. Additional pre treatment equipment will be needed prior to entering our system. SIDOR’s water treatment consultant will forward a recommendation on the equipment and processes required to bring the SIDOR supplied water into usable parameters. SIDOR was advised that the cost associated with pretreatment of the water was not in PES scope of work. A Change Order will be opened to track cost associated with this issue.***
* ***Derwick has verbally indicated that the Fuel storage tank, fuel unloading bldg. and related utilities will be removed form our scope of work. If a written directive is not received we will proceed with installation of these elements.***

**2 Engineering and Design**

**2.1 – General Arrangement-**

**2.2 – Site /Civil /Structural**

**2.3 – Mechanical**

**2.4 – Electrical**

* + - ***DCS Design is not complete.***
    - ***Cathodic design for piping underground piping has not been received.***

**2.5 – Instrumentation**

* **Ongoing**

**2.6 – O&M Manuals –**

* **Ongoing**

**3 Procurement**

**3.1 – Purchase Order Requests**

**3.2– Equipment & Material Quotations**

**3.3 - Purchase Order –**

* Purchase Orders are being prepared for the following.
  + Painting
  + Weld Testing
  + Pipe cleaning

1. **Contracts**

**4.1 – EPC Contract –**

**4.2 – Construction Subcontracts –**

**4.3 – Proposal & Quotes**

**5 Construction**

**5.1 Schedule**

* CPM schedule is being revised per SIDORS request to accelerate.

**5.2 Equipment Delivery**

* Industrial Supply arrive at SIDOR dock 6 August 2010, 1800 hours.

**5.3 Mechanical**

* GT 100 – GT Erection is complete
* GT 200 – GT Erection is complete. Awaiting arrival of turbine for installation.
* GT 300 – GT Erection is complete

**5.4 Electrical**

* Installation of Manholes and duct banks is ongoing.
* Utility Bld MCC’s installation is ongoing
* Cleaning and proving of conduit for the duct bank

**5.5 QA/QC**

Inspections of concrete placements, excavation, welding, and backfill activities is ongoing.

**6 Startup & Commissioning**

* Site visit by Ken Boykin to discuss staffing and schedule.

**7 Startup Mobilization**







