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| EPC | Weekly Report **10 July 2010** | |
| Date: 26 June 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 10 July 2010 for the engineering, procurement, and the construction activities on site.

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

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| --- | --- | --- | --- |
| Lugo, Bill | Project Director |  |  |
|  |  |  |  |
| Melody, Patrick | Site Manager | Daniels, Julio | Tool Room (Local) |
| Siros, James | Mech. Supt. | Izquierdo, Weiser | Mat'l. Handler |
| Bird, Jason | Tech. Advisor | Flores, Herman | Tool Room (Local) |
| Little, John | Material Manager |  |  |
| Frawely, Ted | Electrical | Leccia, Karina | Admin Assist |
|  |  | Rojas, Moises | Logistics |
|  |  | Zambrano, Natalia | Translator |
|  |  | Alvarez, Josbett | Translator |
|  |  | Jansen Teodoro | Translator |
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* 1. **Weekly Accomplishments** 
     + GT 100 Oily Water Tank Foundation Complete
     + GT 100 Oily Water Separator Foundation Complete
     + GT 200 Complete Cable Tray Racks
     + GT 300 Generator Breaker Compartment Foundation Complete
     + GT 300 Set Generator Breaker Compartment
     + GT 300 Fogging Skid Foundation Complete
     + GT 300 Set Fogging Skid
     + GT 300 Exhaust Stack – Interior welding
     + GT 300 Water Injection Foundation Complete
     + GT 300 Install piping in the unit ongoing
     + GT 300 Cable Tray Foundation ongoing
     + GT 300 Generator breaker foundation complete
     + GT 300 Excavate for water injection skid
     + GT 300 Backfill GT foundation to grade ongoing
     + GT 300 Boroscope Gen & Turb Bearings – No issues apparent
     + Duct bank – West side of GT 300
     + BOP - Install storm drain pipe and structures on west side of GT300
     + BOP – Fabricating pipe to gas compressor
     + BOB - Remove abandon power poles at switchyard
     + BOP – Demin Water Tank – Foundation complete
     + BOP – Raw water tank – Placement engineered backfill complete, mud mat poured
     + BOP – Fuel Storage tanks – Placement engineered backfill complete
     + BOP - Switch Yard foundations ongoing
     + BOP – Install fire line
     + BOP - Install process pipe
     + BOP – Oily water tank foundation complete
     + BOP – Erection Utility Bldg. complete



**1.4– Scheduling Conflicts**

* CPM schedule was issued 14 June 2010***.*** Impacts resulting from the lack of progress payments is being reviewed for inclusion.
  1. **– Site Managers Commentary and Amplifying Remarks**
* Civil Contractor continues to work with reduced manpower due to payment issues. No Saturday work is scheduled. GT 300 foundations, switch yard and water treatment building will be adversely affected.
* **7EA Dual fuel conversion is being evaluated to determine impact on critical path.**
* 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.
* SIDOR has indicated that there is an existing Demin Water Treatment plant on Site with the capacity to deliver 68 GPM. SIDOR wants to minimize the impact of the delay in tank construction due to their failure to remove the power lines.

**2 Engineering and Design**

**2.1 – General Arrangement-**

**2.2 – Site /Civil /Structural**

**2.3 – Mechanical**

**2.4 – Electrical**

* + - Additional detail is required to stub up conduit at the location required. A list of foundation has been provided to the engineer for his action.

**2.5 – Instrumentation**

* **Ongoing**

**2.6 – O&M Manuals –**

* **Ongoing**

**3 Procurement**

**3.1 – Purchase Order Requests**

* A local vendor list is being developed with the assistance of SIDOR.
* The lack of Progress Payments is restricting issuing PO’s to local subcontractors and vendors.
* Numerous PO have been prepared for execution when progress payment has been received.

**3.2– Equipment & Material Quotations**

**3.3 - Purchase Order –**

**4 Contracts**

**4.1 – EPC Contract –**

**4.2 – Construction Subcontracts –**

**4.3 – Proposal & Quotes**

* Proposal for erection of tanks and Pre Engineered Buildings have been received and are being evaluated.

**5 Construction**

* **5.1 Schedule**

Impacts resulting from lack of progress payments is being reviewed for inclusion in the schedule.

* CPM schedule was issued 14 June 2010.

**5.2 Equipment Delivery**

**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.

**5.5 QA/QC**

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

**6 Startup & Commissioning**

* Pending.

**7 Startup Mobilization**



GT 300 Cable Tray Rack, Fogging Skid and Water Injection Foundations



GSU 200, Cable Tray Rack and Black Start Generator



GT 300 Bus Duct Support Installation