

Pemex Exploration chooses the FloBoss™ S600+ Flow Computer for Loading and Unloading of Crude Oil

RESULTS

- Faster and more precise flow calculations
- Seamless integration to the National Pemex SCADA System
- Minimal disruption to metering operations during the change out period



APPLICATION

Loading and unloading Maya Crude Oil (heavy oil) and Istmo Crude Oil (light oil) on the SM-100 System in six meter runs with ultrasonic meters.

CUSTOMER

Pemex Exploration & Production at Maritime Terminal Dos Bocas (TMDB)

CHALLENGE

Pemex' current SM-100 system required fast computation and needed high availability for the strategic export point. They were looking to improve key areas to enhance their operation by wanting to have a high redundancy measurement system.

Pemex wanted to be able to manage the last state of valves when changing the "master" to "slave" in safe mode. They also requested faster flow measurement calculations while they wanted to enable access from different HMI terminals at the same time.

"Emerson's flow computer solution continues to give us maintenance advantages, giving confidence to our operation."

Abelardo Díaz López
Pemex Supervisor and Maintenance for Maritime Terminal



For more information:
www.EmersonProcess.com/Remote



SOLUTION

Pemex chose the FloBoss S600+ to provide flow measurement and monitoring functions for totalization, alarm monitoring, valve monitoring and control. They used Emerson’s FAT protocol to validate the measurement information and the operation of equipment. Additionally Pemex’ SCADA architecture required a direct connection to each FloBoss S600 + to unify information which was achieved through the new communication port, independent of the HMI port.

Pemex acknowledged the FloBoss S600+ as the ideal replacement and provided the functionality they require. This versatile flow computer can be configured to meet their specific requirements. The installation into existing cabinets has proven to be straightforward with minimal disruption to metering operations during the change out period, requiring only six hours of scheduled downtime.



Global Headquarters
North America and Latin America
Emerson Process Management
Remote Automation Solutions
6005 Rogerdale Road
Houston, TX, USA 77072
T +1 281 879 2699
F +1 281 988 4445

www.EmersonProcess.com/Remote



Europe
Emerson Process Management
Remote Automation Solutions
Unit 8, Waterfront Business Park
Dudley Road, Brierley Hill
Dudley, UK DY5 1LX
T +44 1384 487200
F +44 1384 487258



Middle East and Africa
Emerson Process Management
Remote Automation Solutions
Emerson FZE
PO Box 17033
Jebel Ali Free Zone - South 2
Dubai, UAE
T +971 4 8118100
F +1 281 988 4445



Asia Pacific
Emerson Process Management
Remote Automation Solutions
1 Pandan Crescent
Singapore 128461
T +65 6777 8211
F +65 6777 0947

© 2015 Remote Automation Solutions, a business unit of Emerson Process Management. All rights reserved.

Emerson Process Management Ltd, Remote Automation Solutions (UK), is a wholly owned subsidiary of Emerson Electric Co. doing business as Remote Automation Solutions, a business unit of Emerson Process Management. FloBoss, ROCLINK, ControlWave, Helicoid, and OpenEnterprise are trademarks of Remote Automation Solutions. AMS, PlantWeb, and the PlantWeb logo are marks owned by one of the companies in the Emerson Process Management business unit of Emerson Electric Co. Emerson Process Management, Emerson and the Emerson logo are trademarks and service marks of the Emerson Electric Co. All other marks are property of their respective owners.

The contents of this publication are presented for informational purposes only. While every effort has been made to ensure informational accuracy, they are not to be construed as warranties or guarantees, express or implied, regarding the products or services described herein or their use or applicability. Remote Automation Solutions reserves the right to modify or improve the designs or specifications of such products at any time without notice. All sales are governed by Remote Automation Solutions’ terms and conditions which are available upon request. Remote Automation Solutions does not assume responsibility for the selection, use or maintenance of any product. Responsibility for proper selection, use and maintenance of any Remote Automation Solutions product remains solely with the purchaser and end-user.

Find us in social media

- RemoteAutomationSolutions
- Remote Automation Solutions Community
- Emerson_RAS
- Remote Automation Solutions



For more information:
www.EmersonProcess.com/Remote

