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## STWA's Applied Oil Technology (AOT™) Prototype Delivered to U.S. Department of Energy (DOE) Testing Facility

SANTA BARBARA, CA--(Marketwire - May 16, 2011) - [STWA, Inc.](#) (OTCBB: ZERO) ("STWA" or the "Company"), an innovative company creating technology focused on energy efficiency of large-scale energy production and improved fuel economy for diesel fleets, announced today that a full scale Applied Oil Technology (AOT™) product prototype for supplemental oil viscosity reduction has been delivered by STWA strategic partner, [Colfax Corporation](#) to the U.S. Department of Energy's (DOE) Rocky Mountain Oilfield Testing Center ([RMOTC](#)) in Casper, Wyoming for field-scale testing.

"We are excited to reach this stage and believe that deployment of [AOT™](#) can positively impact the cost structure of transporting crude oil through pipelines with many added benefits," stated Mr. Cecil Bond Kyte, Chairman and CEO of STWA, Inc. "We believe that AOT™ and its commercial implementation represent a game-changing opportunity for all those involved. Colfax Corporation and the U.S. DOE RMOTC personnel have performed admirably and we thank them for their tireless efforts."

The Viscosity Reduction Unit 6" Line Application (VRU-6), (pictured) is the production prototype of STWA's AOT™ Technology, manufactured under agreement with Colfax Corporation in Monroe, North Carolina, has been in a 90-day laboratory testing cycle, scaling-up the technology for use on the U.S. DOE RMOTC testing facility. The unit shipped Monday, May 9th after clearing its technical validation objectives and arrived at the RMOTC facility on Friday, May 13th.

The RMOTC testing facility, first built in 1999 by [Texaco Corporation](#) and a consortium of sub-sea industry participants known as [DeepSTAR](#), has been retrofitted and custom-built to suit STWA's objectives for testing of its AOT™ technology, with the goal of measuring its impact on crude oil viscosity reduction and flow improvement. The arrival of the AOT™ prototype to the facility marks the official beginning of Phase II testing of the unit under field conditions, and is expected to generate data under a variety of conditions requested by members of the project's co-funder, [Pipeline Research Council International \(PRCI\)](#).

The purpose of the testing is to further validate and optimize the prototype's effective operational envelope to ensure safe, reliable, and economically beneficial operation under a variety of flow regimes, pump speeds and temperatures. The testing is expected to yield important data the Company will incorporate into its value proposition. Phase I testing of the unit's design, construction, treatment delivery system, materials, manufacturing streamlining and maximum operational envelope has concluded, after refinements, upgrades and redesigns were implemented. The product now meets and/or exceeds its intended design parameters and is ready for installation for further rigorous testing at the U.S. DOE facility. The facility has been extensively redesigned, engineered and retrofitted to accommodate the Company's testing and is ready for the prototype's installation for testing and 3rd party

validation procedures.

The results, data, and project summary will be generated on-site and validated by the U.S. Department of Energy on location. Multiple members of co-funding element PRCI have asked for live demonstrations of the operational unit and unrestricted access to the generated reports and data for calculations in their respective value chains.

### **About STWA, Inc.**

STWA, Inc. (OTCBB: ZERO) is an innovative company creating technology focused on energy efficiency of large-scale energy production and improved fuel economy for diesel fleets. The Company's Patented and Patent Pending technologies, including AOT™ (Applied Oil Technology), under development with Temple University, and ELEKTRA™ (for Improved Diesel Engine Efficiency), provide efficient and cost-effective means of improving the efficacy of crude oil transport and diesel engine efficiency to assist in meeting global increasing energy demands and emission quality standards. Applications include: (AOT™) Crude oil extraction & delivery systems, including oil platforms, oil fields and pipeline transmission systems. (ELEKTRA™) Diesel trucks, trains, marine vessels, military fleets and jet turbines.

More information including a company Fact Sheet, logos and media articles are available at: <http://www.stwa.com>.

### **About PRCI**

PRCI is a community of the world's leading pipeline companies, and the vendors, service providers, equipment manufacturers, and other organizations supporting the industry. Since 1952, PRCI has been recognized around the world as a unique forum within the energy pipeline industry delivering great value to its members and the industry -- both quantitative and qualitative -- through the development and deployment of research solutions to the operational, maintenance, and regulatory challenges that face it.

### **About Colfax Corporation**

[Colfax Corporation](#) is a global leader in critical fluid-handling products and technologies. Through its global operating subsidiaries, Colfax manufactures positive displacement industrial pumps and valves used in oil & gas, power generation, commercial marine, defense and general industrial markets. Colfax's operating subsidiaries supply products under the well-known brands [Allweiler](#), [Baric](#), [Fairmount Automation](#), [Houttuin](#), [Imo](#), [LSC](#), [Portland Valve](#), [Rosscor](#), [Tushaco](#), [Warren](#) and [Zenith](#). Colfax is traded on the NYSE under the ticker "CFX." Additional information about Colfax is available at [www.colfaxcorp.com](http://www.colfaxcorp.com).

### **Safe Harbor Statement**

This press release contains information that constitutes forward-looking statements made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Any such forward-looking statements involve risks and uncertainties that could cause actual results to differ materially from any future results described within the forward-looking statements. Risk factors that could contribute to such differences include those matters more fully disclosed in the Company's reports filed with the Securities and Exchange

Commission. The forward-looking information provided herein represents the Company's estimates as of the date of the press release, and subsequent events and developments may cause the Company's estimates to change. The Company specifically disclaims any obligation to update the forward-looking information in the future. Therefore, this forward-looking information should not be relied upon as representing the Company's estimates of its future financial performance as of any date subsequent to the date of this press release.