

**FOR RELEASE: IMMEDIATELY**

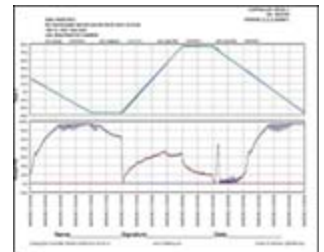
Tidal Engineering Corporation  
2 Emery Avenue  
Randolph, NJ 07869  
973/328-1173; Fax: 973/328-2302  
www.TidalEng.com

Contact: Ana Nguyen,  
[Ana.Nguyen@tidaleng.com](mailto:Ana.Nguyen@tidaleng.com)

**ENVIRONMENTAL TEST CHAMBER CONTROLLER/LOGGERS MAKE  
CHART RECORDERS OBSOLETE WITH NEW BUILT-IN NETWORK PLOTTING FEATURES**

***Tidal Engineering's Synergy Controllers deliver test plots to network printers and paperless plots to multiple recipients via e-mail automatically, reducing costs for maintenance and consumables and improving functionality and reliability over circular and digital chart recorders***

Randolph, NJ, Friday October 19, 2012.. Tidal Engineering, a leader in the design and development of embedded hardware and software for environmental test control and data acquisition systems, today announced the Synergy Controller/Data Logger's new Network Plotting features.



With these new features, the Synergy Family of environmental test chamber and process oven controller/loggers deliver annotated and formatted multi-channel plots to network printers and PDF formatted paperless plots to up to five e-mail recipients automatically immediately following each test.

These features make separate circular chart recorders and data recorders obsolete since they significantly reduce the cost and maintenance of pens and paper and provide much more functionality. For example, in addition to plotting process variables and setpoints, the Synergy Controller plotting feature can plot diagnostics not possible with separate chart recorders since PID control variables like the heating and cooling outputs are not readily available externally. Furthermore, with built-in plotting capabilities, these controllers generate plots that are test centric; i.e. they contain information concerning the name of the test, test start times and finish times, test chamber identification, etc.

These controllers send plots directly to any PCL compatible network printer in color and black and white. Users can also generate electronic PDF charts and avoid paper and pen consumption altogether while saving time since the controller can e-mail results as soon as a test is complete. Controllers can also e-mail test logs in table (CSV) formats automatically.

Tidal's award-winning Synergy Series of hardware and software are expressly engineered to enhance the performance of a broad range of test chambers. Exhibiting unparalleled integration and connectivity efficiencies, the instruments are designed to retrofit easily into virtually any test chamber and oven including those manufactured by Tenney, ESPEC, Thermotron, Envirotronics, Qualmark, Russells, Chart, and CSZ. The Synergy Controller line includes the ¼ DIN Synergy Nano and the full-sized Synergy Micro 2 controller. The Synergy Controller's networking capabilities are compatible with office and factory automation as well as test and measurement protocols and standards.

Offering OEMs, test labs, and re-builders/re-furbishers the ultimate in cost-effective integration of control, logging and connectivity features, these instrument are singularly appropriate for use in the broadest spectrum of environmental testing applications including temperature, humidity, vibration, altitude, HALT (Highly Accelerated Life Testing)/HASS (Highly Accelerated Stress Screening), thermal shock, and thermal vacuum testing processes. Synergy Controllers are ideal for use in chambers and process ovens when controlled environments are essential for the testing, processing, screening, and calibration of mission-critical systems and components. Among those industries in which these instruments can be confidently employed are electronic systems, semiconductors, aerospace, automotive, medical, and pharmaceutical.

To learn more about the Synergy Controller Network Plotting features and the Synergy Controller family, visit [www.tidaleng.com/synergy.htm](http://www.tidaleng.com/synergy.htm) or contact Craig Borax at Tidal via either phone (973/328-1173) or e-mail ([craig.borax@tidaleng.com](mailto:craig.borax@tidaleng.com)).

Base pricing for the Network Plotting Feature is \$265. Synergy Controller Retrofit kits and on-site installation are available for test chamber and process oven retrofits. Synergy Controllers are available from all major chamber manufacturers.

# # #

**About Tidal Engineering Corporation:**

Headquartered in Randolph, NJ, Tidal Engineering Corporation was founded in 1992. The company is globally recognized for designing and building award-winning environmental test chamber control and data acquisition hardware and software. The company further provides application support to OEMs and end-users involved in environmental testing, lab management and data acquisition. Tidal's products and services are widely used in such industries as defense, homeland security, semiconductors, aerospace, automotive, medical, and pharmaceutical.