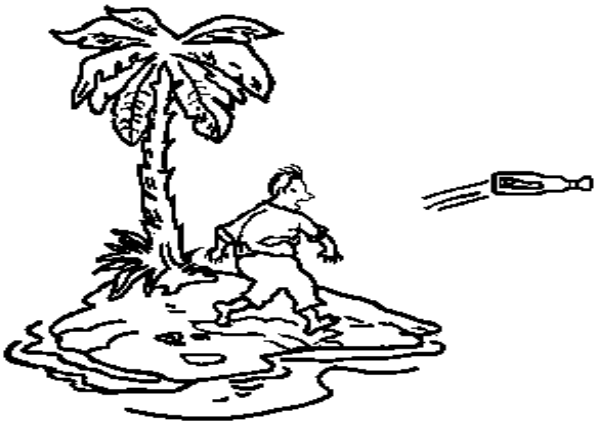

Subject: New Product Announcement – HLP-10 HyperLogger PowerPlusä makes genset power assesment easy

Release Date: Immediate

February 10, 2004. La Mesa, California: Logic Beach Incorporated has introduced the HyperLogger PowerPlusä power and data logging system for monitoring and analysis of power systems. The HLP-10 allows for the simple recording of power data and data from standard industrial sensors or serial data buses within one self-contained data collection system.

Monitoring and recording the variety of physical and electrical parameters for performance evaluation of a on-site or remote three-phase co-generation or genset system can be a difficult task. The right sizing for a power generating system is critical and the HyperLogger Power Plus is the first self-contained, easy-to-use, instrument that can measure and record *both* the power consumption of the loads and the operating parameters of the generator. So, load analysis, temperature profiling, flow rates, pressure monitoring and more can be easily recorded by a single self-contained portable instrument resulting in one data file with all the relevant information.

The HLP-10 is ideal for power assessment in a portable field power grid or on-site permanent co-gen system and usage studies for resizing or new installations. As a portable fully self-contained system there is no requirement to tap into the power system to extract data logger power. Connecting the voltage leads for the AC voltage measurement powers a portion of the system while the logger electronics operates for 3-4 weeks from 6 “D” cells.

The Logic Beach HLP-10, HyperLogger PowerPlus, records AC voltage, current, and power, up to 26 total power related parameters, and allows the simultaneous recording of temperature, flow, pressure, frequency and any other input addition from standard industrial sensors The power data is transmitted from the Power Sensing Harness (PSH) to the data logger via an isolated serial data link. This integral serial cable allows the HLP-10 HyperLogger data logging system to be located a safe distance from the power harness and it’s associated high-voltage connections.

The Power Sensing Harness is comprised of three split core transducers and voltage sensing leads for two or three phase measurements. Within the PSH, the measured power parameters are converted into a serial data stream that is read by an internal HyperLogger module.

Seven different Power Sensing Harnesses are available ranging from 100 amps to 2400 amps. Two versions of the Power Sensing Harness are offered; 1) Basic: kW and kWh outputs, 2) Enhanced: 26 energy parameters: kWH, kW, kW each phase*, Demand: Avg., Min., Max., AC Voltage - line to line, AC Voltage - phase to phase, AC Voltage - line & phase to neutral*, Power factor, Power factor each phase*, Amps – average current per phase, kVAR - reactive power, kVA - apparent power. The HLP-10 can monitor and record data from up to 64 Power Sensing Harnesses for very sophisticated efficiency studies**.** (*based upon derived neutral)

HyperWareä from Logic Beach, is the customer-preferred software application used to program the HLP-10. A dialog box within HyperWare presents the available power parameters for selection and use in an efficiency study program. Additional inputs representing temperature, flow, or pressure are supplied for use in programming the data logger for flexible and specific application solutions. HyperWare, icon-based programming, communication, real-time trending and data analysis software is used with all of Logic Beach's portable and remote site data logging and alarming systems.

The HLP-10 HyperLogger Power Plus systems are available from stock with a starting price of $2580. The separately specified Power Sensing Harnesses range in price from $738 to $1097.

Logic Beach Inc., the authority in unrestricted data logging systems, designs, manufactures and markets portable data logging and recording systems. Specializing in ruggedized, programmable systems, Logic Beach Inc. offers a wide range of modular data logger solutions providing flexible solutions to multiple applications. The entire range of portable data logging products operate with HyperWareä configuration software providing the industry's most powerful programming capability with an intuitive graphical interface.

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