

U.S. SENSOR Corp.

UNSENSORED

VOLUME 12 ISSUE 1

U.S. Sensor's New State-Of-The-Art Website!

by Teri Wilfong



U.S. Sensor's new Website will include features such as additional product data, expanded product detail, improved navigational and search ease as well as new applications engineering information to assist engineers in designing in our products. Be sure to keep an eye out this summer for the new site at www.ussensor.com Remember...when only the best will do, you can count on U.S. Sensor's Thermistors, RTD's and Temperature Sensing Probes and Assemblies for your most demanding applications.

THERMISTORS
RTD's
PROBES
ASSEMBLIES

PRECISION
INTERCHANGEABLE
THERMISTORS

GLASS
ENCAPSULATED
THERMISTORS

EPOXY
ENCAPSULATED
THERMISTORS

SURFACE MOUNT
THERMISTORS

INRUSH CURRENT
LIMITING
THERMISTORS

RTD's

TEMPERATURE
AVERAGING PROBES

LIQUID IMMERSION
PROBES

MICRO-MEDICAL
PROBES

HIGH TEMPERATURE
PROBES

FOR
TEMPERATURE MEASUREMENT
AND CONTROL

Spotlight on Teri Wilfong

by Roger Dankert

"Some people come into our lives and quickly go. Some stay for a while, leave footprints on our hearts, and we are never, ever the same."



Teri, Dan and Roger (1991)

I remember our first meeting in January of 1990. Teri applied with the newly established U.S. Sensor as a bookkeeper. Teri's father, Bob Somerville, is a CPA and she gained a great deal of valuable knowledge working with him and with her mother, Ann, who was also very involved in the family business. I was especially impressed by Teri's professional manner and by her obvious ambition to do whatever necessary to help the new business

prosper and grow. She joined us later that month and through the years rose to the position of Vice President of Marketing and Sales. Among numerous other things, Teri was instrumental in implementing and maintaining our sales representative and distributor programs and in keeping our sales team up to date on the latest U.S. Sensor innovative products and target markets. We all remember our National Sales meetings in Las Vegas that were so entertaining, productive and some say even renowned... remember Ben Stein ... Captain Wally Schirra ... Bruce Sievers? I'll miss seeing Teri's smiling face

each morning when I would say "good morning Wilfong" and she would respond "good morning Dankert."...I told you she had a professional manner.



Teri, Scott and friends at Club 33

Although Teri and Scott will be leaving U.S. Sensor and relocating to Ohio this summer, the enormous impact she had on U.S. Sensor will live on. The good news is that after their move to Ohio, Teri intends to consult with U.S. Sensor.

I am thankful that I had the pleasure of working with Teri for more than 20 years and I wish her and Scott the best in all they do...

"Don't cry because it's over. Smile because it happened."



Teri with Mom and Dad



U.S. Sensor Welcomes Terry Watkins



U.S. Sensor is pleased to welcome Angela "Terry" Watkins, CPA, Corporate Controller

Terry joined U.S. Sensor last June and has been instrumental in re-shaping our Accounting and Human Resources departments. Terry brings more than 15 years of progressive experience that includes extensive budgeting, analysis and

general ledger as well as audit and day to day good business practices.

Terry's father is a retired Navy man and, during his tours of duty, their family traveled the world. Terry, and one of her six sisters, was born in Africa and their family also spent time in Germany and Hawaii before settling in Southern California. She married William "Rod" Watkins in 1974 and then attended Cal. State Fullerton where she received her bachelor's degree in accounting. Rod worked for the Department of Justice and, during that time, they were transferred to several locations throughout the U.S. While stationed in Virginia, Terry took and passed the national CPA exam and worked for a CPA firm for several years. Eventually, they returned to Southern California where their two children Heather and Ryan attended school. Over the years, Terry gained valuable experience and knowledge through her employment with The Irvine Company, Yamaha

Motor Company, Macsteel, Barco and Abigail Abbott Staffing. We are all delighted that Terry chose to join our team; she is not only extremely competent but also a very nice person and a pleasure to know.

In Terry's words...

"The kids are grown up and I am blessed with four lovely grandchildren who keep me super busy and love to go "off-roading" with us any chance we get. I am the type of person who loves my job and I seek opportunities to improve and add value wherever possible. I like to be around people who enjoy their work and feed on the challenges that it presents. I knew from the moment that I visited US SENSOR that I was in such a place. I felt an instant connection with the down to earth, hardworking people that I have met here at US SENSOR. I have not been disappointed."

Email: terrywatkins@ussensor.com
Tel: 714-639-1000 X102.



U.S. Sensor Welcomes Rodney Magsanide



U.S. Sensor is pleased to welcome Mr. Rodney Magsanide who joined U.S. Sensor in February 2011 as Sales Manager.

Rodney was born in Honolulu, Hawaii but has called Southern California his home since 1980. With his wife Patty, who he married in

1982, they raised two daughters. Ashley is in grad school pursuing her Doctorate in Physical Therapy at NYU and Alyssa is finishing up her junior year at the University of Colorado. An avid sports fan, Rodney enjoys playing golf as well as watching all levels of athletic competition from high school to college to pros. When he's not watching sports, you can find him spending time with his family, working on his tan at the beach and watching Modern Family and Hawaii 5-0.

Speaking of Hawaii, his best vacation was in Poipu Kauai, Hawaii. Rumor has it that it's the best place to relax, read a good book and enjoy the great Hawaiian food that's readily available. Sign us up!

Before joining U.S. Sensor, Rodney was with Bivar Inc., a manufacturer of Nylon

Hardware and Opto Electronics products for 21 years. While at Bivar he was known by the sales representative organization as the "Hawaiian Hammer"!

Straight from the "Hawaiian Hammer":

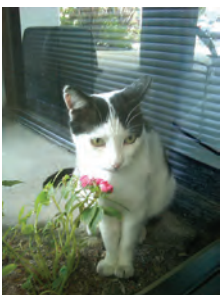
"I am very excited and looking forward to a long and prosperous career with U.S. Sensor. U.S. Sensor is known in the electronics marketplace as a company with world class products, world class service and of high integrity...being able to experience what I have been hearing for so many years has me energized and passionate to take US Sensor to the next level."

E komo mai Rodney, to the U.S. Sensor family.

Email: rodmagsanide@ussensor.com
Tel: 714-639-1000 X106.

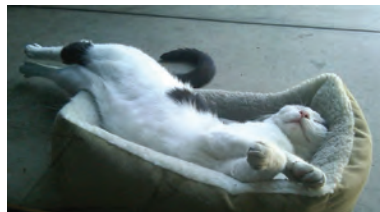


Introducing U.S. Sensor's Official GreeterWarrant



Warrant adopted us many months ago and ever since he has been greeting everyone that visits our office. Several people spend their break periods attending to his every need, especially Theresa and Ellen in our Customer Service Dept. He has even caught the eye of our UPS driver who now carries a container of special treats for him on his truck. Most important, we are all Warrant's personal aides...it's all about him.

Warrant's official duties include sleeping in one of his two palatial beds near our front door, eating many varieties of cat food out of his gold dish, terrorizing the local birds, eradicating small rodents



and sleeping...sleeping...sleeping. Warrant is a special member of the U.S. Sensor family and he gives every one of us a lot of love and joy.



OUR MISSION IS

“TOTAL QUALITY COMMITMENT”

by continuing to build

A PARTNERSHIP WITH OUR EMPLOYEES BY PROMOTING TEAM EFFORT,

COMMUNICATION AND EMPOWERING THEM TO DO THEIR BEST, AND BY CREATING AN OUTSTANDING WORK ENVIRONMENT THROUGH INNOVATIVE SPC CONCEPTS AND METHODS WHICH, BY OUR COMPANY'S SUCCESS, FOSTERS SELF ADVANCEMENT.

A PARTNERSHIP WITH OUR CUSTOMERS, SALES REPRESENTATIVES AND DISTRIBUTORS

BY PROVIDING EXPERT ENGINEERING AND SALES SUPPORT AS WELL AS ON-TIME DELIVERY OF THERMISTORS, PROBES AND ASSEMBLIES WHICH EXCEED THEIR QUALITY AND PERFORMANCE REQUIREMENTS.

A PARTNERSHIP WITH OUR VENDORS

BY CLEARLY COMMUNICATING OUR HIGH EXPECTATIONS OF SERVICE AND PRODUCT QUALITY THEREBY INSURING OUR ABILITY TO PROVIDE THE SAME TO OUR CUSTOMERS.

A PARTNERSHIP WITH OUR COMMUNITY

BY PROVIDING EMPLOYMENT OPPORTUNITIES AND BY BEING RESPONSIVE TO IMPORTANT CIVIC ISSUES.

“OUR GOAL IS TO BE THE BEST THERMISTOR MANUFACTURER IN THE WORLD, WITH A STRONG COMMITMENT TO MEETING OR EXCEEDING CUSTOMER REQUIREMENTS, AND CONTINUALLY IMPROVING THE EFFECTIVENESS OF THE QUALITY MANAGEMENT SYSTEM”

Therm-mystery

Designing Reliable Temperature Sensing Assemblies

In this issue of *UNSENSORED* we will discuss key factors in the design of Thermistor and RTD probe assemblies for applications requiring fast thermal response and the ability to withstand extreme environmental conditions.



In typical HVAC applications, the ability to respond to rapid temperature changes results in more efficient and reliable system operation as well as reduced operating cost to the consumer. For example, when designing sensors to detect the temperature of refrigerant tubing in an air conditioning unit, U.S. Sensor utilizes combinations of high thermal conductivity potting compounds and low thermal conductivity “thermal isolation wire”. This allows the sensor to be most sensitive to temperature changes at the portion of the probe

assembly that is in contact with the refrigerant tube and yet minimize the influence that temperature changes in the ambient air and the sensor's lead wires have on the sensor's performance. Because of the varying details of each sensor application, simply assigning a thermal response time constant specification to the sensor assembly can be misleading because standard thermal time constant measurement methods may not be comparable to the thermal response of the assembly in the actual application....“the proof is in the pudding.”



When the application requires, U.S. Sensor utilizes proprietary construction techniques and sealing methods that allow our assemblies to withstand the most demanding environmental conditions including high humidity, thermal cycling and thermal shock.

U.S. Sensor maintains an in house state-of-the-art environmental testing laboratory that allows us to subject our designs to environmental stress testing including Freeze Thaw, Thermal Shock and Pressurized Salt Water Immersion, just to name a few.



Finally, it is most important when designing a new probe assembly that you make our application engineers aware of the environmental conditions to which the sensor will be subjected. We take pride in offering our best sensor solution to you the first time and without delay.





Eric Else and Paul Mansour of EI Sales accept their 15 year service award



Bill and Doris Schaer of Temper Technical Sales accept their 10 year service award



U.S. Sensor accepts Special Recognition Award from Dave Modafferi and Bruce Maether of LD Allen

U.S. Sensor welcomes Roger Long and the Omega Ltd. team back to their sales representative network



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 Edna Solis Customer Service
 Theresa DiLalla Customer Service
 Ellen Cothran Customer Service
 Alan Dixon Sales Administration

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Roger Dankert President
 Dan Dankert Vice President Engineering

Quality:

Hector Castro Quality Assurance Manager

Accounting:

Terry Watkins Controller
 Michaela Koeck Accounting Assistant

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106
 109
 107
 130
 100

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105
 119

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111

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