



San Francisco Bay Area Section



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SECTION

2012 – 2013 Officers

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April 9, 2013, Meeting Notice

| Date | Location |
|--------------------|---|
| Tuesday, April 9th | Zio Fraedo's Restaurant 611 Gregory Lane, Pleasant Hill, CA. (925) 933-9091 |

Cost: \$15 NACE members \$25 non-members
\$10 Students and Retirees

Time: 5:30 PM No host bar • 7:00 PM Dinner • 7:45 PM Program
Please RSVP by **Friday, April 5th** by e-mail to **Dan Day** at danday94@pacbell.net, or by phone at (510) 507-0013.

Directions: Please see "Newsletter Back Page" attachment for map and directions.

New Technology and Tools for Remote Monitoring in Cathodic Protection Applications

Presented by Thomas Hughes

Director of Sales, Remote Monitoring, Elecsys Corporation

This presentation will focus on new technology now available for remotely monitoring cathodic protection (CP) systems. Our speaker, Tom Hughes of Elecsys Corporation, will describe cost-effective over-the-air transmission instrumentation to transmit large data packets from monitoring stations to acquisition centers, thus reducing time and manpower needs for visiting critical or multiple CP field sites. He will discuss software available to generate spreadsheets for data trending, statistical analysis, and preparing reports. Smart phone wireless interfacing with remote monitoring devices, casing monitoring devices for highway and railroad crossings, and induced AC signal monitoring capabilities for pipelines using data logging instrumentation will be addressed. Other technologies such as LCD screens on remote monitoring stations for simplifying service work, true Instant Off remote measurement capabilities, graphing software for CP ground bed trending, and wireless star devices for monitoring multiple sites in a geographic grid or region will be featured.

Tom Hughes has been involved in technical sales applications in various industrial and commercial industries for the past 20 years. The last 3 years have been spent in the corrosion industry focused on remote monitoring in oil, gas and water applications. Achievements include a bachelor's degree in management with a minor in mathematics from California State University, Fullerton and 6 awarded patents. He presently resides in Overland Park, Kansas, after growing up in Orange County, California.

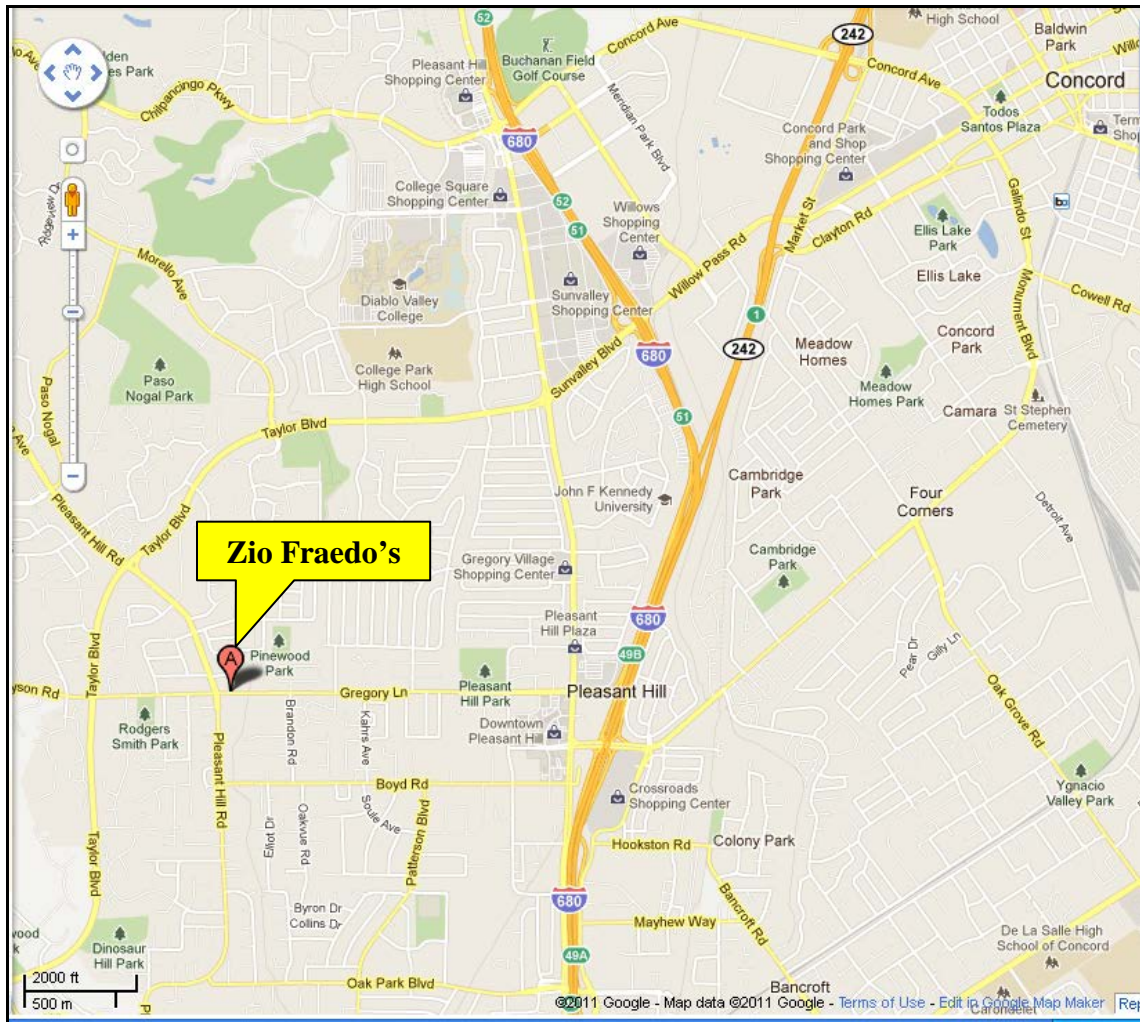


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Zio Fraedo's Restaurant, 611 Gregory Lane, Pleasant Hill, CA. 925-933-9091

Directions

- Take I-680 north to Contra Costa Blvd. Exit 49A in Pleasant Hill and drive north. Pass Monument Blvd. then turn left onto Gregory Lane. Pass Brandon Rd. on left in 1 mile. Look for Zio Fraedo's on the right just before Pleasant Hill Rd.
- Take I-680 south, exit at Sun Valley/Willow Pass Rd. Drive west and turn left on Contra Costa Blvd., then right on Gregory Lane. After 1 mile drive past Brandon Rd. on the left; Zio Fraedo's will be on the right before Pleasant Hill Rd. intersection.