

VOLUME XXXVIII - NUMBER 3

DECEMBER 1999

Joint Meeting With The San Jose Chapter

Mr. Ken Sinclair
AutomatedBuildings.com

DATE: December 2, 1999

TIME: SOCIAL HOUR: 17:30
DINNER: 18:30
PROGRAM: 20:00
ADJOURNMENT: 21:00

PLACE: **San Mateo Marriott**
1770 S. Amphlett Blvd
San Mateo
650/653-6000

Take Delaware off of 92, go north to
Concar Dr. go east to Amphlett (old Dunfey Hotel)

Cost: \$35.00 Members and Guests

All reservations must be received by Edgar De
Guzman at edeguzman@accoair.com or fax to
650/594-4915, by Monday, November 29th

If you need to cancel, please do so by Tuesday,
November 30th.

Are Automated Buildings converging or colliding
with the Internet?

The Internet is to the 21st century what steam was to
the 20th century. As steam led the way into the
industrial revolution the Internet will lead the way
into the information revolution. As the industrial
revolution changed forever the way we work the
information revolution will change forever the way
we think.

Is our industry listening to the wake up calls of the
information revolution?

Come to our joint meeting with the San Jose
Chapter and see what the future may hold!!!!





“The purpose of life is to lead a life of purpose.: - Robert Byrne

Ponape Island, Federated States of Micronesia, 1984: A drunken enraged student ½ again as tall as me smashes a beer bottle on a post mere inches from my head. Glaring down at me he demands to know why I embarrassed him: I had assigned a math homework that was too hard for him to complete. In a culture where attacks by machete, rock and stick are common and are generally excused when the assailant is drunk I took Tony’s query quite seriously. While pondering my fate, my mind drifted, how did a smart Jewish kid like myself end up working for the Jesuits so far away from home? The answer to my

question was more elusive than my answer to Tony.

I had volunteered to teach at the Ponape Agriculture and Trade School for two reasons: To satisfy my need for adventure and as part of my search to find my role in this world. As illustrated with my encounter with Tony, adventure was easy to find. However, I preferred the adventures of our two to three day fishing sojourns armed only with snorkel gear, a sling style spear, a flashlight, a hand held jig line, hot sauce, matches, machete and a crate of beer. Adventure was abundant, personal fulfillment by contrast developed slowly and often through conflict. For fulfillment, I had to bridge the gaps of culture, language and religion. The key I learned was to articulate a course of mutual interest and benefit. To satisfy Tony’s needs, I had to articulate my own needs and work to integrate our goals.

In the end, Tony and I parted friends. This took many beers, hours of tutoring, hours of fishing, storytelling and an unfortunate feast featuring Tony’s dog, Dehwi. Tony needed to understand my respect of him and his culture, understand the relevance of math in his life and in turn play a role in mentoring me. Our sense of community was built in many small steps most of them taken side by side in achieving mutual goals. For Tony and my other students I taught and tutored them in math, construction, computer and radio electronics, they in turn were my teachers of Micronesian culture, navigation, fishing, agriculture (I grew yams and sakau) and folklore. The exchange of roles, the interdependence of a small (but diverse) community on a small island, the time working side by side were all the glue that made our community and in the end achieved my sense of personal fulfillment. This is not to belittle the joys of spear fishing at night in shark ridden waters.

I am inspired by people who live lives larger than their own. In our own community of the Golden Gate Chapter there are many, but there are few as inspiration as Dick Charles. I know nothing of Dick’s private life, but his decades of volunteerism with ASHRAE speak volumes about his character. In his characteristically modest fashion, Dick’s stock answer is that he volunteers because “he always gets back much more than he ever gives”. I have seldom been to an ASHRAE event, local regional or national where I didn’t see Dick. The amazing thing is that he is seldom a passive participant but is most often involved facilitating, presenting or mentoring. In his spare time Dick speaks at Chapters across the country (and around the world!), until recently served on the committee that plans the Winter and Annual Meetings, serves on the Honors and Awards committee, serves as our Regional Delegate to the Nominating Committee (which nominates society Officers and Committee Chairs), has a handful of ad-hoc assignments and continues to attend virtually every chapter meeting. It was my honor to nominate Dick for the ASHRAE Exceptional Service Award this past year and in testament of Dick’s popularity and recognition the nomination was co-signed by every delegate at our Chapters Regional Conference.

My Micronesian students taught me that navigation relies on directional goals (the stars), local signs (the winds and currents) and carefully planned way stations (islands). Though we paddle towards a star, it serves to guide our journey and in itself is usually not a destination (the exception of course being Dick Charles, Neil Armstrong and a few others). I am happy to dwell amongst the islands and have no plans to visit the stars. I measure the success of my journey by the joy of its passage and the company that I have along the way. Kahlangen Kuperohmwai to my board and those that keep this chapter in motion. The next coconut is on me.

Respectfully Submitted,

Mark Hydeman

President Golden Gate Chapter of ASHRAE

1999/2000 Committee Chairs

How do you turn a 20 hour task into a 10 hour task? Simple, you split the load between volunteers. These committees serve you the members, and we need your help to do the work. Contact a committee chair and offer your services or contact a Board member to fill a vacancy.

Title	Name	Company	Phone	Email
Region X DRC	Kent Peterson	P2S Engineering, Inc.	562-497-2999	kwp@p2seng.com
President	Mark Hydeman	Taylor Engineering	510-749-9135	mhydeman@taylor-engineering.com
President-Elect/CRC Delegate/Chapter Programs	Benjamin Sun	Flack & Kurtz	415-398-3833	bpsun@sf.fk.com
Treasurer	Joseph Olivier	ESS Engineering	415-296-9760	jro@essinc.com
Secretary/CRC Alternate	Kent Lim	Kent Man Lim & Company	415-822-1232	
Board of Governors/PAOE Chair	Ernie French	Norman Wright Equipment Corp	415-467-7600	efrench@norman-wright.com
Board of Governors	Edgardo De Guzman	Acco Inc	650-594-0182	edeguzman@accoair.com
Board of Governors/Roster Committee Chair	Robert Levi	Carrier Corporation	510-563-5713	robert.f.levi@carrier.utc.com
Membership Promotion Committee Chair	Ronald Eng	Carrier Corp	510-563-5701	ronald.eng@carrier.utc.com
Student Activities Committee Chair	Robin James	Belimo Aircontrols	707-745-5998	rjames@belimo.com
Historian	L L Gifford	PCL Construction Services Inc	213-747-0734	
Refrigeration Committee Chair	Glenn Friedman	Taylor Engineering	510-749-9135	gfriedman@taylor-engineering.com
Research Promotion/ Honor Roll/ Product Show	Cory Palmer	Norman Wright Equipment Corp	415-467-7600	cpalmer@norman-wright.com
Technical, Energy & Government Activities Committee Chair	Gary Margadant		707-257-3351	gasm@napanet.net
Newsletter Editor	Debra Marshall	Paco Pumps	510-639-3200	dmarshall@flow-products.com
Honors and Awards Chair	Gail Brager	University of California	510-642-1696	gbrager@socrates.berkeley.edu
Website Chair	Robert Marcial	University of California CEDR	510-849-9057	rmarcial@uclink4.berkeley.edu
Database Chair	Allan Daly	Ove Arup & Partners California	415-957-9445	allan.daly@arup.com

Codes Committee Chair	Dick Glumac	Glumac & Associates	415-421-1164	
Attendance Committee Chair	Richard Charles	C & B Consulting Engineers	415-442-0110	rac@cbengineers.com
Auditing Committee Chair	TBD Vacant			
Tennis Committee Chair	TBD Vacant			
BAEC Committee Chair	Thomas Reinarts	Keller & Gannon	415-621-1199	tom.reinarts@keller-gannon.com
Golf Committee Chair	Charlene Sturm	Air Treatment Corp.	510-655-3990	
Marbles Game Committee Chair	Leslie Hanohano	Norman Wright Equipment Corp	415-467-7600	lhanohano@norman-wright.com
Publicity Committee Chair	Mike Scofield	Conservation Mechanical Systems	707-829-2080	cmscofield@aol.com
Reception Committee Chair (Membership Vice Chair)	Jeff Dittman	Glumac International	415-398-7667	j.dittman@glumac-sf.com
Redwood Empire Section President	Patrick Bailey	Geopraxis Inc	707-996-9408	pbailey@geopraxis.com
Seminar Committee Chair	Luek Vaneveld	Taylor Engineering	510-749-9135	lvaneveld@taylor_engineering.com
Weather Data Committee	Nenad Saric	ATI Engineering Services	925-648-8800	nsaric@atiengineering.com
Golf Co-Chair (next year's chair)	Robert Polizzi	California Hydronics Corp	510-293-1993	bpolizzi@calhydro.com

Have you moved?

Members, please help us keep track of you. If you have recently changed your address, phone, fax or email, please make sure that Society's database is up to date. Call 1-800-5-ASHRAE or change information on Society's website at <http://www.ashrae.org/>. If you want to make changes on-line follow these steps:

- 1) Click on "Membership Records" under the "Members-Only Section" (note you will need your membership # and pin which are on your membership card).
- 2) Click on "Address Change"
- 3) Enter your Name, Membership#, EMail Address and any changed contact information
- 4) Click on submit

Mark you Calendars for these upcoming programs:

Month	Program
December 2,1999 San Mateo Marriott	Joint meeting with San Jose Chapter AutomatedBuilding.com – Ken Sinclair
January 6,2000 NOON Meeting World Trade Club	Green Building Research – NIST – Dr. James Hill
February 3,2000	To Be Determined
March 2,2000 World Trade Club	VAV Systems for Improved Comfort and Air Quality
April 6, 2000 PG&E Energy Center	Product Show
May, 2000	Field Trip Monterey Bay Aquarium
June 1, 2000	To Be Determined

Some programs may change due to the availability of speakers.

BACnet Announcement:

Just a “heads up” to let you know that NIST Information Report 6392 entitled “GSA Guide to Specifying Interoperable Building Automation and Control Systems Using ANSI/ASHRAE Standard 135-1995, BACnet” is now available for download (in PDF format) from the BACnet Website, www.bacnet.org.

11/7/99 Meeting Minutes, Golden Gate Chapter of ASHRAE

Held At: PG&E Energy Center/SF

Attendees: (46) Members, (4) Guests with Mark Modera as Guest Speaker

Announcements:

1. Roster – Bob Levi wanted everyone to verify the information in the data base and make corrections as required.
2. President Mark Hydeman asked for people to volunteer to fill the following Vice-Chair positions this year: Fog Dispenser Editor, Seminar, Tennis and Auditing. Please Volunteer!!!!
3. M/S/C to approve the minutes of the Oct. 7th & 13th meetings.
4. President Mark Hydeman acknowledged the following people for their work:
Allan Daly – Data Base
Ed DeGuzman – Marble Game & Membership
Mike Scofield – Publicity (Great Photographer)
5. Program – Ben Sun informed the membership about the upcoming program, the joint membership meeting in December with the San Jose Chapter. It will be held at the Marriott in San Mateo. A luncheon with Jim Hill from Society occurs in January.
6. Meal Vouchers – Ben Sun said that so far (19) tickets have been sold and there will be a sweepstakes. The top prize is a trip for two to Las Vegas.
7. Research Fund – Cory Palmer thanked those who have donated and encouraged all members to donate more toward this cause.
8. Reception/Badges – Jeff Ditman mentioned that any Chapter members still needing badges should simply let him know.
9. Marble Game – No winners this month per Leslie Hanohano.

Synopsis of the November Meeting:

Ben Sun introduced November’s guest speaker, Mark Modera, of Lawrence Berkeley National Lab, who spoke on the topic of residential and commercial duct sealing. Residential ducts, if laid end to end, would go around the earth twenty times. Duct efficiency is worse at design conditions.

The average residential duct leakage is 17%, while the average leakage in commercial work is 26%. Fifty percent of the time this ductwork is in unconditioned spaces.

The bottom line is that ducts leak, especially of concern is residences. Aeroseal has a good residential program, but commercial applications don’t really work.

RESEARCH PROMOTION – DECEMBER 1999

It is truly not a cliché that “you get back more than you give” when you contribute to ASHRAE Research. The other day as I opened a cold beer I thought to myself how proud I am to be part of our industry, for we are developing the technology that made this possible. I then proceeded to remove my TV dinner from the freezer, and as I sat down to enjoy this fine meal, it occurred to me that without the HVAC/R industry, I would have to cook fresh food for myself and drink warm beer.

Seriously, every time you use an ASHRAE Handbook or pocket guide, you are benefiting from the investments we are making in our industry through ASHRAE Research. In addition to these individual, professional benefits, it is amazing to think how much Research benefits society through cleaner indoor air, human comfort, and improvements in the natural environment.

The minimum investment level for personal Research Honor Roll is \$100 and \$150 for a corporate contribution. Thank you to our Chapter's new Honor Roll contributors:

INDIVIDUAL:

Robert De Chene	Joe Critchfield
Carl Jordan	Kyle Blocker
Nenad Saric	Dennis Thompson
Lane Loyko	Robert Voelz
Arthur Zigas	Dick Friedman
Tom Finsayson	Ronald Eng
Herb Duncan	

CORPORATE:**Taylor Engineering****Carrier Corporation**

York International Corporation
 Norman Wright Mechanical Equipment Corp.
 RF MacDonald Company
 Laws & Associates
 Golden Gate Chapter of ASHRAE
 The Brose Company
 Life Members Club – ASHRAE

Checks to ASHRAE Research should be mailed to:

Cory Palmer
 c/o Norman Wright Mechanical Equipment Company
 99A South Hill Drive
 Brisbane, CA 94005
 415.467.7600 phone / 415.467.0900 fax

If you would prefer to charge your donation to a credit card, see Cory Palmer at the next meeting.



ROSTER

The Golden Gate Chapter's Roster is scheduled for publication at the end of January. You may include your company "non-advertisement" for the following charges.

Full-Page	\$150
Half-Page	\$100
Business Card (3 per page)	\$ 75

The prime locations for your full-page ad will be auctioned. The following locations will go to the corresponding bidder:

Back Cover	Highest Bidder
Inside Back Cover	Second Highest Bidder
Inside Back Page	Third Highest Bidder

The way that the auction will work is that the bids must be submitted in writing (fax or e-mail) to Bob Levi no later than the January meeting (January 6th). Upon winning the prime locations, the bidders will write two checks, one for \$150 for the full-page ad charge, and the other for the remainder of their bid to ASHRAE Research. This way the contributing company will receive the recognition for their additional Research contribution.

**As always, the artwork must be camera ready or in an electronic format.
Artwork must be received no later than Friday, January 7th.**

At the same time as you place an ad in the Roster, why not consider placing the same ad and a listing on the Golden Gate Chapter web site? For all advertisers in the Roster, there is only a \$30 charge to provide your ad and listing on our web site, as long as the artwork is in electronic format. Future changes to the website ad or listing will be available at any time for only a \$10 charge with your new electronic file.

Do not forget to make sure that your database information is correct. If your listing in last year's Roster was incorrect or incomplete you must update the information with Society. Please contact them by phone (1-800-5ASHRAE) or through the Members-Only section of the website (www.ashrae.org). Society's database information will be used for the Roster, so it's up to you to be sure that it is correct.

If you are just updating your information now, it is possible that Society may not get it updated in the database in time for the Roster publication. So you are welcome to also send the new data (in writing, via fax or e-mail) to Bob Levi. The Roster and Database Committees will make an attempt to manually correct the data – no guarantees!

Please send your bids, artwork and updates to:

Bob Levi c/o Carrier Corporation
10810 Bigge Street
San Leandro, CA 94577-1100
phone: 510.563.5713
fax: 510.563.5733
e-mail: robert.f.levi@carrier.utc.com

A Look From the Cubicle



UNPAID CHAPTER DUES

Dues must be paid no later than December 15th to be included in the Roster to be published in January, and to continue to receive the Fog Dispenser.

The following individuals have not paid their Golden Gate Chapter dues as of the end of October.

VINCENT	AIELLO
HASHEM	AKBARI
JULIE	AMCOTTS
IAIN	ANDERSON
BEN	APOLINARIO
TAMIRISA	APPARAO
FRANKLIN	AQUINO
DARIUSH	ARASTEH
MERVIN	ASH
JAMES	AUGUSTYN
DONALD	AUMANN
KARL	AVEARD
JOHN	AVINA
ZABIHULLAH	BAGHERI
PATRICK	BAILEY
DAN	BARRANGO
CULLEN	BASH
WILLIAM	BELDING
RICARDO	BERNABE
RAY	BERNARD
ASHOK	BHATIA
LEWIS	BIELANOWSKI
PETER	BIERMAYER
ARNOLD	BLETNITSKY
RICHARD	BLICKENSDE
JOHN	BONESO
TOM	BOOCK
SURINDER	BRAR
ARTHUR	BREE
DAVID	BROOM
LEON	BROWN
GREGG	BROWN
KARL	BROWN
JAMES	BRUGGER
JOHN	BURGESS
KATHLEEN	CAMP
DONALD	CAMPBELL
VAN	CAREY
CENON	CAROLINO
JOS	CARROLL
BIANCA	CELESTIN
KIN	CHAN
STEVEN	CHAN
MIN	CHANG
MAURICE	CHEE
YEOW	CHIA
JOHN	CHINN
ROBERT	CHO

NG	CHO-FAN
BRIAN	CHUCK
ALAN	CLARY
WILLIAM	CLINTON
RICHARD	COAKLEY
MARK	COLLINS
JOHN	COLOMBO
JOSEPH	CONDON
GALE	CORSON
MICHAEL	COSTELLO
FIONA	COUSINS
PATRICK	COYLE
STEPHAN	CULBERTSON
JOVILO	CUSTODIO
DAVID	DACUS
JOHN	DALEY
GARY	DANCIGER
NICHOLAS	DANN
MIKE	DAVIDSON
ROBERT	DAVIS
TOMMY	DAWSON
WILHELM	DEMEL
JOSEPH	DERINGER
MARTYN	DODD
PETER	DODGSON
RUSSELL	DONNICI
GEOFFREY	DUBOIS
THOMAS	DUSZA
RICHARD	ECKMAN
JEFFREY	ELMENDORF
MARTIN	ENCINGER
FOO	ENG
JOHN	ESPINOSA
ONOFRE	FAVIS
JOHN	FERLIN
RENEE	FERNANDEZ
DONALD	FISHER
KEVIN	FLYNN
ROBERT	FLYNN
DONALD	FORD
CHARLES	FORSGARD
NEIL	FOSBER
CAROL	FRANK
BRYAN	FREW
JERRY	FRIAS
ECKEHARD	FUHRMANN
MICHAEL	GABEL
IANKO	GABROYSKY

GREGORY	GERSHKOVIC
L L	GIFFORD
KURT	GOKBUDAK
MARY	GORMAN
ALI	GOSHAYESHI
BRYAN	GRAHAM
JOHN	GRANT
EDWARD	GRANT
LARRY	GRAVES
PETER	GRAY
SUSAN	GUSTOFSON
MICHAEL	HAGGARD
GENE	HALL
GARY	HARGRAVE
PHILLIP	HASLEY
JAMES	HAUG
DUANE	HEBER
WILLIAM	HEITZMAN
GARY	HENNINGS
GILBERT	HENSLEY
CARL	HILLER
STEPHEN	HIPP
SHIN-HWA	HO
DAVID	HOFER
ROBERT	HOGUE
MICHAEL	HOLMES
CHI-MING	HSIUNG
CUONG	HUA
TONY	HUERTA
WAYNE	HUIE
MIKE	HURLEY
WON	HWANG
EMMANUEL	ILARINA
PAUL	IRWIN
LLOYD	IVERSEN
RAJINDER	JANDU
RONALD	JANG
GEORGE	JANOUR
BRIAN	JERICH
WAYNE	JIN
ROY	JOHANNESSEN
ARTHUR	JOHNSON
PETER	JOHNSON
BRUCE	JOHNSON
GARR	JONES
DAVID	JUMP
MARYAM	KACYRA
KENNETH	KAHRS

FOG DISPENSER

December 1999

KENT	KAWAKAMI
MARK	KEHOE
JIM	KELSEY
ALI	KHOSTOVAN
MICHAEL	KHOURY
JOO	KIM
KRISTOPHER	KINNEY
LEONARD	KLEIN
JOSEPH	KLEMS
HARROLD	KNOWLES
ERIC	KNOX
PETER	KOGAN
MARK	KRAUSS
GLORIA	KREIN
JOHN	KROMER
THOMAS	LEE
MICHAEL	LEFLER
GLEN	LEGGOE
A	LEVINE
STEVEN	LEWIS
LES	LIN
GARY	LINDEMAN
TOM	LIPIEC
GANG	LIU
TONY	LORETELLI
MARTIN	LUK
PETER	LYONS
DEVADUTTA	MAITI
PATRICK	MALLILLIN
THOMAS	MASIEWICZ
BOB	MATTSSON
FRANCES	MCCORMICK
PAUL	MCDONALD
JOHN	MCDONALD
J	MCGRAW
ALISDAIR	MCGREGOR
LORI	MCGUIRE
BOB	MCKEY
LISA	MCLAUGHLIN
MATTHEW	MCMAHON
KENT	MINH
MARK	MODERA
JACK	MONTANARO
DAVID	MOORE
WILLIAM	MOORE
EDMOND	MOORE
DAN	MORI
ROBERT	MOWRIS
MICHAEL	MUMFORD
MARIC	MUNN
JAMES	MURRAY
ALI	NADERI

DOUGLAS	NAKANO
THANKAPPAN	NARAYANAN
STEPHEN	NEAL
JAMES	NEMECHEK
PAUL	NEWCOMB
ALEX	NGO
PETER	NGUYEN
TETSUJI	NOGI
DAN	NOONE
DONALD	NURISSO
DAVID	OLKOWSKI
SVEN	OLUND
GUIL	ORIHUELA
REYNALDO	ORTEGA
ALBERT	OSTROY
MELODY	PAGEE
CHRIS	PAPADIMOS
JAY	PATEL
ANDREW	PATTERSON
JIM	PAYNE
PAOLO	PECORA
JUSTIN	PETERSON
WENDY	PHELPS
MICHAEL	PIERSON
LOUIS	PIETRELLI
MARY	PIETTE
JOSEPH	PIPITONE
GREGORY	POWELL
THOMAS	PRICE
HENRY	REIS
ROBERT	REUTER
JERRY	RHOADES
JAMES	RICHLEY
MARK	RIEHMAN
W	RINEFORT
RICHARD	RODKIN
RICHARD	RONNOW
ROBERT	ROOS
LEONARD	ROSE
GREGORY	ROSENQUIST
KEITH	ROTHENBER
STEVEN	ROTTMAYER
SANAT	ROY
PHILIP	RUSSO
EZATOLLAH	SAIIDNIA
NAPOLEON	SALAZAR
TIMOTHY	SALSBURY
CHET	SANDBERG
CHRIS	SAUNDERS
PHILIP	SCHAEFER
BRIAN	SCHROEDER
PETER	SCHWARTZ

JULIE	SEELEN
REINHARD	SEIDL
JAMES	SHARPE
JOY	SHONFELD
ALEXANDER	SHTROMBER
MICHAEL	SIMPSON
DEV	SINGH
VIJAY	SINGH
TOMMY	SIU
PETR	SKALA
RICHARD	SKOLNICK
ERIC	SLAASTED
JOHN	SMALL
NEIL	SMITH
STEVEN	SMITH
CHRISTOFER	SOMMER
LIZA	SORIN
MICHAEL	SOUTHWORT
GEORGE	SPEIGHTS
GLENN	SPOERL
STEPHEN	SPRAGUE
SCOTT	STRAWBRIDG
MARY	SUTTER
TIM	TARAZI
JAMES	TAYLOR
BENJAMIN	THIO
CHARLES	TILFORD
NOLER	TISON
BRIAN	TODD
PETER	TURNBULL
BRIAN	TURNER
GLENN	UMONT
PAUL	VAFABEE
MASOUD	VAFABEI
MARIO	VALLEJO
NEAL	VAN FOSSAN
LAURENS	VANEVELD
MIKHAIL	VAYNBERG
MARIO	VELASCO
JESS	VILLAR
AMIT	WADHWA
J	WADMAN
MATTHEW	WANG
DOUG	WATERS
THOMAS	WATSON
SCOTT	WAYLAND
BRUCE	WEIR
BRUCE	WILCOX
FREDERICK	WINKELMANN
BRAD	WOLF
BARRY	WONG
JOHNNY	WONG

FOG DISPENSER

December 1999

CRAIG	WRAY
MICHAEL	WRIGHT
ERIC	WRITER
KIN	WU

MARY	WYAND
GAY	YAMAGIWA
VENESE	YAU
BRADLEY	YEE

GREGORY	YIM
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Employment Opportunities

Mechanical Design Studio Inc is pleased to announce the relocation of our San Francisco office and the opening of our new branch office in Concord as of December 6, 1999. Our San Francisco office will be at 250 Sutter St., Ste 600, San Francisco, CA 94108-4466. Our Concord office will be at 3330 Clayton Rd, Ste B, Concord, CA 94519-2838. We are looking for talented mechanical engineers to join our team at both locations. Please fax your resume to (415) 284-0118.

Hall of Famers:

Allan Daly (Database)

Mike Scofield (Publicity)

Ed DeGuzman (Marble Game & Membership)



The list now includes:

- Charlene Sturm
- Debbie Marshall
- Robert Marcial
- Allan Daly
- Mike Scofield
- Ed DeGuzman

Who'll be next?





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