SANTA BARBARA AMATEUR RADIO CLUB

2009 HamFest/Convention Timetable & Speakers Information

Main Speakers Hall

0900-0950	Prepare For the Worst: Overcoming Emcomm-like Operating Challenges In the Gambia - Marty Woll
1000-1120	Lessons From the Great SoCal Shakeout - Dr. Kate Hutton, Arnie Lewin
1130-1250	The Elecraft Design Story - Eric Swartz
1300-1350	Introduction to ATV - Don Hill, Mike Collis
1400-1520	Legal Issues Facing the Radio Amateur - Chris Imlay
1530-1700	ARRL Forum - Dick Norton

Warren Exhibit Hall Small Meeting Room

0800-0950	Volunteer Exam session – new and upgraded licenses
1000-1050	Winlink 2000: Robust Messaging Via Amateur Radio - Tom Tcimpidis
1300-1350	Contest Forum - Dick Norton

Warren Exhibit Hall Main Display Area

0900-1700	Vendor booths, SBARC, ARRL, Red Cross and more NGOs, lessons

Outside

0800-1600	Swapmeet
0800-1700	Communications Vehicles on display, GOTA station, mobile shoot-out
1130-1430	BBQ Tri-tip & Chicken Lunch
1600+1700	T-Hunts

In the Main Speakers' Hall

0900-0950 Prepare For the Worst: Overcoming Emcomm-like Operating Challenges In the Gambia, West Africa

Can contesting help you be a better EmComm operator? Are skills and experience developed in one Amateur Radio activity transferable to another: Yes, and Yes! ARRL Vice-Director Marty Woll N6VI recounts the numerous and formidable obstacles encountered during the CQ Worldwide DX Contest operation at C5Z in The Gambia, West Africa, and the individual and team efforts required to surmount them. This is a case study in "making it work - no matter what", with lessons that apply to many aspects of Amateur Radio. DXers, contesters and EmComm ops will all learn from this one.

Marty Woll N6VI has been in Amateur Radio for over forty years and is a frequent speaker at radio clubs and conventions. A retired CPA with a major international accounting firm, he holds an Extra Class license and is a Life Member of the American Radio Relay League. Marty is in his second year as ARRL's Vice Director for the Southwestern Division, which includes Arizona and Southern California. In addition to his Division duties, he is Assistant District Emergency Coordinator and Training Director of the ARES Northwest District of the Los Angeles Section, a Battalion Comm Unit Leader and instructor for the Los Angeles Fire Department's Auxiliary Communication Service, a licensing Volunteer Instructor and a Volunteer Examiner. He is a founding member of the Southern California Contest Club and has served as a member and chair of the ARRL's Contest Advisory Committee. He has been President of the Southern California DX Club and chair of the Los Angeles Area Council of Radio Clubs. A frequent participant in contest expeditions, Marty has set up and operated amateur radio stations on five continents.

Notes:

1000-1120 Lessons Learned From the Great SoCal Shakeout

More than just another earthquake drill, the Great Southern California Shakeout was designed around a lengthy (more than one year) comprehensive analysis of the physical, social and economic consequences of a major rupture along the southern San Andreas Fault. How will our "lifelines" be impacted? What will Amateur Radio's role be in providing communications? Caltech Seismologist Dr. Kate Hutton KD6HTN and Arnie Lewin, W7BIA a volunteer with the California Emergency Management Agency, share their observations on the Shakeout exercise and answer your questions. ARRL Vice-Director Marty Woll N6VI moderates.

Dr. Kate Hutton KD6HTN has worked at the Seismological Laboratory at the California Institute of Technology in Pasadena CA since 1977. She currently supervises data processing for the Southern California Seismic Network (SCSN) and regularly interacts with the public and news media after "felt" earthquakes. She is responsible for the locations, magnitudes and other data for the 470,000+ earthquakes that have been recorded in the southern California since monitoring began in 1932. Along with approximately 5 million other people, she participated in the November 2008 Great California ShakeOut earthquake drill, by practicing what she would normally attempt to do after the "real thing", but with severely limited communication capability.

Arnie Lewin W7BIA is CALEMA (California Emergency Management Agency) Southern Region Auxiliary Communications Service Officer, leading a staff of 25 volunteers in State emergency communications. He was the State planner for Golden Guardian / Great Shakeout and coordinated with seven participating counties, National Weather Service offices, Caltech and numerous water districts and authorities.

First licensed in 1964, Arnie is an Extra-Class licensee, instructor and volunteer examiner, former president of the San Diego DX Club, trustee for three fire-departments' Amateur Radio facilities and CERT program co-manager for the Rancho Santa Fe Fire Protection District.

Notes:

1130-1250 The Elecraft Design Story

Amateur Radio Operators enjoy flexibility unmatched among fire, police and other official responders when it comes to communication options. That flexibility is inherent in our operating privileges and realized in the capabilities of our radio equipment. Elecraft co-founder Eric Swartz WA6HHQ presents a high-altitude glimpse at the early days of Elecraft, and what goes into (and gets left out of) a sophisticated piece of communications technology.

Eric Swartz WA6HHQ is Elecraft's Chief Operating Officer, a co-designer of Elecraft's K3 and other transceivers, and co-founder of Elecraft. Licensed 35 years, he credits his early interest in Amateur Radio with leading him to a career in electronic design and management. He has a B.S. in Engineering and Applied Science from Yale University, and has been part of a number of successful Silicon Valley start ups.

Wayne Burdick N6KR is Elecraft's Chief Technology Officer, co-founder and principle designer of the K3, K2, K1, and KX1 transceivers. Prior to founding Elecraft, Wayne created the Wilderness Radio kits (NorCal 40A, Sierra, and SST), refinements of his popular NorCal QRP Club designs. Wayne holds a degree in Cognitive Science from U.C. San Diego, and has worked for many years as a software/hardware engineer, specializing in user interface design. Wayne and Eric have both been inducted into the QRP Hall of Fame, and also jointly received the ARRL's Technical Excellence Award in 2001 for their Elecraft designs.

Notes:

1300-1350 Introduction to ATV - Providing Public Service with ATV

What is ATV? How does one get on the air with this mode? Can ATV be used for public service? This program will introduce ATV, with a focus on public service, and answer these questions. Those seeking more technical details are encouraged to stop by the ATN booth in the main exhibit hall.

Don Hill KE6BXT is president of the Amateur Television Network (ATN) and involved with using ATV for public service. He has spearheaded streaming of video from ATV repeaters allowing world-wide ATV contacts.

Mike Collis WA6SVT works as a broadcast engineer in the LA market. He is co-editor of Amateur Television Quarterly magazine and chief engineer for the ATN, operating linked ATV repeaters in California and many other states.

Combined, Mike and Don have over 45 years of experience in all aspects of ATV.

Notes:

1400-1500 Legal Issues Facing the Radio Amateur

Whether you're trying to put up antennas at home, concerned about liability while providing public service, being threatened with a lawsuit over RFI, or wondering how far hams can go in supporting privately run events using our bands, you'll want to hear ARRL General Counsel Chris Imlay's take on how laws affect Hams. Chris has been at the center of these and many other issues, and he'll give you the national perspective on them.

Chris Imlay W3KD is a partner in Booth, Freret and Imlay, and serves as General Counsel to the ARRL. Chris has practiced Federal Communications Law for most of his professional career. His work includes preparation of materials in FCC rule making and adjudicatory proceedings, consultation with ARRL members, extensive representation of communications users, and consulting with local counsel for those users, in connection with Federal, state and local regulation of Federally-licensed communications facilities. His is an expert in radio spectrum allocations and regulation, and in land use regulation of communications facilities, and he holds an Extra-Class Amateur Radio license.

Notes:

1530-1700 ARRL Forum

There's a lot going in within the ARRL, and your elected League officials are here to bring you the latest information, answer your questions and to listen to your concerns. Whether the topic is antenna ordinances, contest rules, member services, FCC actions or relationships with other non-governmental organizations (NGOs), this is the place to get up to date. ARRL Southwestern Division Director Dick Norton leads the Forum.

Dick Norton N6AA is in his second term as Southwestern Division Director of the ARRL. First licensed as K2PHF, Dick spent his career in electronics engineering, specializing in radar systems. He formed and ran his own consulting company, counting both U.S. defense contractors and foreign governments as his clients. On the air, he won numerous world single-operator championships in both phone and cw contests and is a member of the CQ Contest Hall of Fame. He is the only living ham to have operated the CQ worldwide DX Contest from all 40 zones and the first to have accomplished that feat. He is a former president of the Southern California DX Club and current president of the Southern California Contest Club. On the ARRL Board, Dick promotes opportunities for the League to utilize its vast volunteer resources for the benefit of the membership.

Notes:

In the Warren Exhibit Hall Small Meeting Room

1000-1050 Winlink 2000: Robust Messaging Via Amateur Radio

Since its earliest days, Amateurs Radio has provided voice and cw message handling for the public. Today we can provide radio-borne e-mail that spans the gaps caused by infrastructure damage from disasters using HF, VHF and the very capable mode known as Pactor. Sysop (that's System Operator) Tom Tcimpidis K6TGT describes the overall system, recent advances and how it can add a new dimension to your Emcomm toolkit. Sailors and wilderness campers will also find this subject of considerable interest.

Tom Tcimpidis K6TGT has had an interest in radio and engineering from a very early age. At 14 he received his First Class Radio Telephone License with Radar Endorsement. He has been involved in building both FM and TV stations and now specializes in High Definition video engineering for the television and film production industry. He is an avid boater and private pilot. Following his strong interest in emergency preparedness Tom is Level 3 CERT and a member of ARES and Coast Guard Auxiliary. An Amateur Radio Operator for 20 years, he holds an Amateur Extra license and a Masters Degree in Electrical Engineering. He was Chairman and Sysop of the California Yacht Club Winlink station (K6CYC) for 2007 - 2008 , during which time he designed and oversaw the complete rebuild and expansion of the station with an emphasis on long-term EmComm needs. In recognition of these efforts, Tom received the prestigious Golden Key Award from the Southern California Yachting Association.

Notes:

1300-1350 Contest Forum

Like the Fireman Olympics, lumberjack competitions and rodeos, Amateur Radio operators use contests to sharpen and test the skills used on the job in an enjoyable yet challenging environment. Also called “Radiosport”, contesting is training that helps prepare us for demanding communication tasks such as might be encountered during a major disaster.

Come meet with top-notch contesters, hear about upcoming events and perhaps pick up an operating tip or two. Experienced operators, join us to share your plans for this fall’s contest season and find out what’s new.

Dick Norton (see bio above) moderates.

Notes: