



AUDIO engineering society, Inc. Pacific Northwest Section

Mailing Address: 4522 Meridian Avenue North, #201 • Seattle WA 98103
World Wide Web - <http://www.aes.org/sections/pnw/>



February 1998 Meeting Notice

Carlson Audio Tour

On Monday, Feb. 16th the PNW Section will meet in the new shop and offices of Carlson Audio, one of the Pacific Northwest's most active rental sound system firms. Mark Carlson, Jonathan Stoverud-Myers and Dave Stevens will be our hosts. These entrepreneurial audio specialists will show off their new operating facility, which includes system storage and tech areas, loading dock, business offices and a crew lounge area. "The drywall's up, the computers are online, but it's no boutique", advises Stevens. (Carlson first took possession of the building six months ago after relocating their operations from Everett, WA).

We'll take a look at Carlson's road-packaged audio equipment inventory, and gain insight into system testing and equipment selection methods. Electrical power distribution systems, multicore snake patching systems, electronics racks and multiway loudspeaker systems will be available for close inspection. We'll have

a chance to see computer-control of power amplifiers with QSControl II, and also check out a prototype of QSC Audio's new Powerlight 9.0 (reportedly rated at 4,800W per channel into a 2 ohm load) which the Carlson shop has just received.

Of interest to anyone who has had to schedule equipment and personnel (while also keeping up with inventory) will be Carlson's Pentium PC-based office computer system, featuring the new Hiretrack software package. The company uses this business aid to manage everything from warehouse inventory to bid specs, show 'pick lists' and truck and crew logistics.

During 1997, Carlson Audio handled sound reinforcement for many regional venues, including The Pier, Bumbershoot Festival, and the Chateau St. Michelle Winery. The active rental season is already underway for Carlson, and touring equipment packages are going out with acts like Everclear. Please join us as we spend an evening with these gentlemen who are

prepared to graciously share their time and expertise. Perhaps we can collectively convince them to reveal some "tricks of the trade" used by active professionals in the demanding, high-profile business of live concert sound.

Directions:

The Carlson Audio shop is located in a multi-story building at 1963 First Ave S. near the Starbucks building, at the corner of 1st and Walker which is between Lander and Holgate. There is no sign...enter through the big blue door, and ascend the stairway to the 2nd floor. The office phone number is (206) 340-8811. Those persons arriving via Hwy. 99 can take the Seneca Street exit and proceed due south on First Avenue. Those persons arriving via I-5 or I-90 can follow signs for the Kingdome exit, and then turn left (south) from the Dome on First Avenue for several blocks. There is adequate parking near the building along side streets.

Recent Meeting Recaps

EASE and EARS - A joint meeting of the PNW Section and the Seattle chapter of the Acoustical Society was held November 19. The presentation was by Ron Sauro on the EASE electroacoustic modeling software. Mr. Sauro, of Tacoma, WA, is a consultant who has collaborated with the German developer of EASE, Dr. Wolfgang Ahnert. Ron used a PC and video projector to describe EASE in depth. The EARS component (Electronically Auralized Room Simulation) was particularly interesting. Ron demonstrated with several headphones just how good the electronic auralization was.

Subwoofer Listening Workshop - On January 20, over 85 members and guests of the AESPNW Section and the Washing-

ton Association of Production Services (WAPS) converged on the Paramount Theatre in Seattle for a Large Array Subwoofer Listening Workshop.

The goal was to listen to an array of each manufacturer's product in a size that might be representative of a small arena system. The overall mouth area of the arrays was limited to 50 square feet each. In the end, three manufacturers were present: Aura Systems, Bag End, and McCauley Sound. Each manufacturer sent members of their technical staffs: Barry Bozeman and Ted Leamy (of Electrotec) for Aura Systems, Henry Heine for Bag End, and Tom McCauley and Bruce Anderson for McCauley.

Each manufacturer spoke for 15 min-

utes about their system, then played 10 minutes of their favorite demo material. The remainder of the evening consisted of ABC system comparisons. There was no shortage of program material: pink noise, sweeps, bass guitar, kick drums, synthesizer parts, and music. Musical selections ranged from Toccata & Fugue in D-minor to Bassgasm to Jennifer Warnes. A train wreck from the movie, The Fugitive, provided an interesting source of low-frequency energy.

This was not a contest; it was a listening workshop. Attendees were given extensive instructions on the test methodology and evaluation techniques. Everyone left with their own impressions.

November 19, 1997 - EASE Electroacoustic Software January 20, 1998 - Subwoofer Listening Workshop

For full reports and photos, go to our website at <http://www.aes.org/sections/pnw/>

Of Possible Interest

While the Audio Engineering Society and the PNW Section do not endorse any commercial products or endeavors of any sort, from time to time our meeting notices like this one will be used to inform you, the regional AES membership, of special events and educational programs coming to the area that may be valuable to you in your audio profession.

The Seattle chapter of the Acoustical Society offers a meeting on Classroom Acoustics by Roy Richards of Bruck, Richards and Chaudierre on Feb 18. Contact program chair Ioana Park for info at 206-523-3350

June 20-26, 1998, the Seattle chapter of the Acoustical Society of America will host a major event, the 16th International Congress on Acoustics (I.C.A.) and 135th Meeting of the ASA. The theme of the 16th I.C.A. is "The Sound of the Future: A Global View of Acoustics in the 21st Century". A technical program will consist of plenary lectures and contributed papers. Of potential interest to Audio Engineering Society members, there will be a special focus on Architectural Acoustics and Musical Acoustics. For more information about ASA Membership or to receive an advance registration brochure on this event, contact: Acoustical Society of America, ICA/ASA '98 Registration, 500 Sunnyside Blvd., Woodbury, NY 11797. Fax # (516) 576-2377 and <<http://asa.aip.org>>

The Recording Academy (the organization formerly known as NARAS) is offering 2 seminars: Direct Mail for the Music Business (Feb 4 and 18), and Guerilla Graphics for Musicians (March 4). The mail seminar topics will include: making sure that your mail conforms to U.S. Postal regulations; money-saving tips; how to obtain and use a bulk mail permit; what are bar codes and are they necessary? The Guerilla Graphics for Musicians seminar is for musicians who use design services to produce CD jackets, promo materials and posters. Topics will include communicating with graphic artists, printing quotes, and the basic language of graphic design for non-artists. Place: Pacific Northwest Branch Office at 3417 Fremont Avenue N., Suite #225. Admission: NARAS Members - \$5; Non-Members - \$10; Students - \$5. Reservations required. For more information about these events, contact The Recording Academy PNW Branch, 3417 Fremont Avenue N., Suite 225 Seattle, Washington 98103 - (206) 633-7833 Fax: (206) 633-7836 Email: pacificnw@grammy.com

PNW Committee Members
Terry Denbrook, KUOW, 206-543-2710 - Raul Gonzalez, Concert Sound, 206-855-9576
Aurika Hays, RealNetworks, 206-674-2277 - Barry James, Puget Sound Recording, 206-650-6554
Steve Macatee, Rane, 425-355-6000 - Dan Mortensen, Dansound, 206-525-2113
Bob Moses, PAVO, 206-682-7223 - Rick Smarglasi, Seattle Center Sound, 206-684-7116

1997-98 PNW Officers
Chair David Scheirman, JBL Professional, 206-842-9876 - Vice-Chair Rick Chinn, Uneda Audio, 425-868-0442
Secretary Gary Louie, UW School of Music, 206-543-1218 - Treasurer Allen Goldstein, PAVO, 206-682-7223

AES Pacific Northwest Section
c/o Gary Louie, 4522 Meridian N #201, Seattle WA 98103
<http://www.aes.org/sections/pnw>

Audio Engineering Society Headquarters
60 East 42nd St #2520, New York, NY 10165-2520
212-661-8528 or 800-541-7299
<http://www.aes.org>



AUDIO engineering society, Inc.
60 EAST 42nd STREET
NEW YORK, NY 10165-2520
ADDRESS CORRECTION REQUESTED

FIRST CLASS

PNW SECTION
Feb 98 MEETING NOTICE