A one-day seminar will be presented on the ATSC's digital television (DTV) vestigial sideband (VSB) transmission system. This seminar is aimed at broadcasters, broadcast consultants, equipment manufacturers, translator/LPTV operators, and cable operators. The seminar will develop a basic understanding of the digital VSB transmission system and its performance attributes as well as current practical application information.

This seminar is open to the public
The seminar will focus on the following topics:

- NTSC and DTV: Past, present & future
- Basic data communication & modulation theory review
- Brief ATSC system overview
- ATSC VSB transmission system tutorial
- VSB lab test plan, methodology & test results
- VSB transmitter measurements, ATSC & FCC compliance
- Introduction to the FCC channel allocation factors (OET 69)
- ATSC cable carriage methodology
- ATSC repeater technology (Translators & on-channel repeaters)
- VSB field test plan, methodology & test results
- DTV receiver improvements

Time for Q and A will be allowed and encouraged throughout the all-day Power Point presentation. In-depth seminar notes and reference material will be handed out to all attendees. A box lunch and beverages will be provided to all registrants. Dress will be casual.

Enrollment is limited, so please RSVP soon. Cost is $35 for each SBE, IEEE, and University members; $50 for non-members.

Make checks payable to: SBE Chapter 36

Hurry! Enrollment is LIMITED!

Registration Form

Contact name

Company

Address

City State Zip

Phone Fax

E-mail Address

(Registration will be verified by e-mail whenever possible)

Please enclose $35 for each SBE, IEEE, & University member; $50 each for non-members. No later than Friday March 12

List names below:
1) _______________________________________________________
2) _______________________________________________________
3) _______________________________________________________
4) _______________________________________________________

Method of payment: Check enclosed payable to: SBE Chapter 36

Total enclosed

Or make a secure payment through “Pay Pal”. See “SBE36.org” website for details.

Mail Payment To: SBE Chapter 36
P.O. Box 710702
San Diego, CA 92171-0702

E-mail: sbe36@broadcast.net
ATSC Digital VSB
TRANSMISSION SYSTEM SEMINAR
Hosted by SBE Chapter 36

Wednesday, March 17, 2004
8:30 a.m. to 5:45 p.m.

Radyne ComStream
6340 Sequence Drive,
San Diego, CA 92121

Parking available in both front & back of building. Use spaces marked for “Radyne ComStream” or “Memec”
(Radayne Switchboard: 858-458-1800)