



# 70 Minutes

The Monthly Newsletter of Chapter 70  
of the Northeast Ohio Society of  
Broadcast Engineers

February, 2003 • Vol. XI, Number 2

## Chairman's Chat

by Blake Thompson



Our thanks to COX Cable and Jim Hartland for hosting the January meeting. The cable head end was a sight to see, they have all the "bells & whistles" that I was interested in, including a Cable Modem Internet system and fiber routers. In addition there were some interesting pizza flavors from Geppettos.

Once again a reminder that the newsletter is now an e-mail based system. If you need a hard copy delivered please send your request to Bob Long at 88.9/WSTB-FM 330-626-4906 Ext. 215. We will be sending a hard copy to local radio & TV stations for posting in their engineering dept., but anyone else who needs it should let Bob know.

We also want to be sure that everyone got the message about the EAS changes in effect for our area. The February 12, 2003 RMT will be originated by the LP-2 station in your area at 4:50 AM. The LP-2 station for the Central and East Lakeshore Local Area will be WCPN 90.3, replacing WGAR, and the LP-2 station for the East Central Ohio Local Area will be WQMX 94.9, replacing WONE. That means all operators in the region must change their tuners by Feb 11<sup>th</sup>.

As you all know the industry is screaming forward into a new digital future dragging the public along for the ride. We are now seeing the HD Radio stations start to sprout even with no receivers out there yet. The same holds true for HDTV, you can buy a display but

*(Continued on page 2)*

## February Meeting

Tuesday, February 11  
WVIZ - TV  
Gather at 7pm

Our February 11th meeting will be held at WVIZ-TV, 4300 Brookpark Road, Cleveland 44134.

We will meet at 7:00pm for refreshments.

The business meeting will be conducted at 7:30pm.

The program following the business meeting will be an EAS update presented by State EAS Chairman Bill Glasser from WHBC. Please mark your calendars and plan on attending this meeting.



Ron Bartlebaugh  
SBE Chapter 70 Program Chairman

**(Directions and map on Page 5)**

**Next Meeting**  
**Tuesday, March 11th**

Chairman's Chat (Continued from page 1)

not one I've seen has a built in DTV tuner despite the FCC action to mandate it. It seems that the DTV "cart" is rolling down a hill without a horse, the viewers, even nearby. The powers that be have gotten together on some standards for this stuff, but TV's need to decode digital channels of all flavors, and the same for radios, it's just not there yet. The satellite radio & IBOC systems are so close that it shouldn't be that hard to get a chipset out there for cars at least. Still DTV is a distant hope for decoders, cable delivery, and affordable tuners. Some small steps in the right direction have been made, let's hope there are many more to come soon. We have to help the horse catch up to that cart because that's where the money to pay for this transition will come from.

*"From then on, when anything went wrong with a computer,  
we said it had bugs in it."*

On the removal of a 2-inch-long moth from an experimental computer at Harvard in 1945, quoted in Time from Grace Murray Hopper (I hope your server was bug free)

Blake Thompson  
SBE Chapter 70 Chairman



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## Safety Recall APC UPS

In cooperation with the U.S. Consumer Product Safety Commission (CPSC), as well as safety organization and government agencies world-wide, American Power Conversion is recalling their Back-UPS CS models in both 120-volt and 230-volt units listed below.

**PROBLEM:** Potential Overheating and Fire Hazard.

**PRODUCT:** The recall is isolated to the BK325I, BK325-RS, BK350, BK350EI, BK350-AZ, BK350-FR, BK350-GR, BK350-IT, BK350-UK, BK350JP, BK350IX218, BK475I, BK475-RS, BK500, BK500EI, BK500-AZ, BK500-BR, BK500-FR, BK500-GR, BK500-IT, BK500-UK, BK500BLK, BK500JP, and BK500TW product models.

**CONTACT  
INFORMATION:**

**International E-mail:**

[rely@apcc.com](mailto:rely@apcc.com)

**North America**

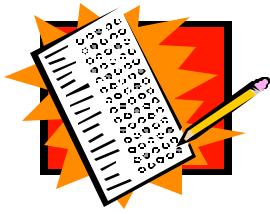
Hotline Number:

**866-APC-RELY**

(866-272-7359)

Toll Free





# 2003 Certification Exam Dates

<u>2003 Exam Dates</u>	<u>Location</u>	<u>Application Deadline</u>
April 8, 2003	NAB - Las Vegas	March 1, 2003
June 6-16, 2003	Local Chapters	April 25, 2003
August 15-25, 2003	Local Chapters	June 13, 2003
November 7-17, 2003	Local Chapters	September 26, 2003



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## Society of Broadcast Engineers

### Chapter 70

Visit us at:

[broadcast.net/~sbe70](http://broadcast.net/~sbe70)





## **New Handbook for Radio Operators authored by Chapter 70's Bartlebaugh**

SBE will be releasing the new *SBE Handbook for Radio Operators* early this year. The author of the book is Chapter 70 Program Chair Ron Bartlebaugh. Assisting in the editing were former Chapter 70 member and National Certification Chairman Chriss Scherer along with Chapter 70's current Treasurer Bill Weisinger. A new certification level and exam are being prepared and will be available when the book is released. The book will include sample questions to help users prepare for the optional test. Watch for future announcements about the release and discounts for pre-publication sales.

## **ENNES Workshop set for NAB Convention**

The Ennes Educational Foundation Trust and SBE will once again collaborate to present an Ennes Workshop during the NAB spring 2003 convention in Las Vegas. It will be held on Saturday, April 5 at the Las Vegas Convention Center from 9:00 am to 6:00 pm.

Topics will include Digital Audio Technology, Facility Infrastructure and Improving Station Efficiency Through Centralization. Participants can apply for SBE recertification credit following the Workshop. The Ennes Workshop is open to all who hold full NAB registration credentials for the convention. Members of SBE are eligible for the NAB Partner convention registration rate, a savings of \$230 from the non-member rate. Go to the NAB web site, [www.nab.org](http://www.nab.org), to register.

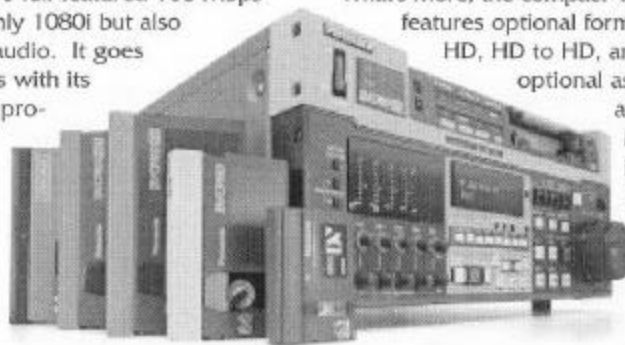
(Source: [www.sbe.org](http://www.sbe.org))

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# The HD/SD Standard.

## Available Now ... the DVCPRO HD Studio VTR

Panasonic's new AJ-HD150 full-featured 100 Mbps studio VTR delivers not only 1080i but also 720p with 8 channels of audio. It goes beyond conventional VTRs with its playback capability of all professional DV-based formats, including DVCPRO Progressive, DVCPRO50, DVCPRO, DVCAM, and even DV. The HD/SD VTR runs continuously variable noise-free slow motion to add style and focus to any program without going to disk.



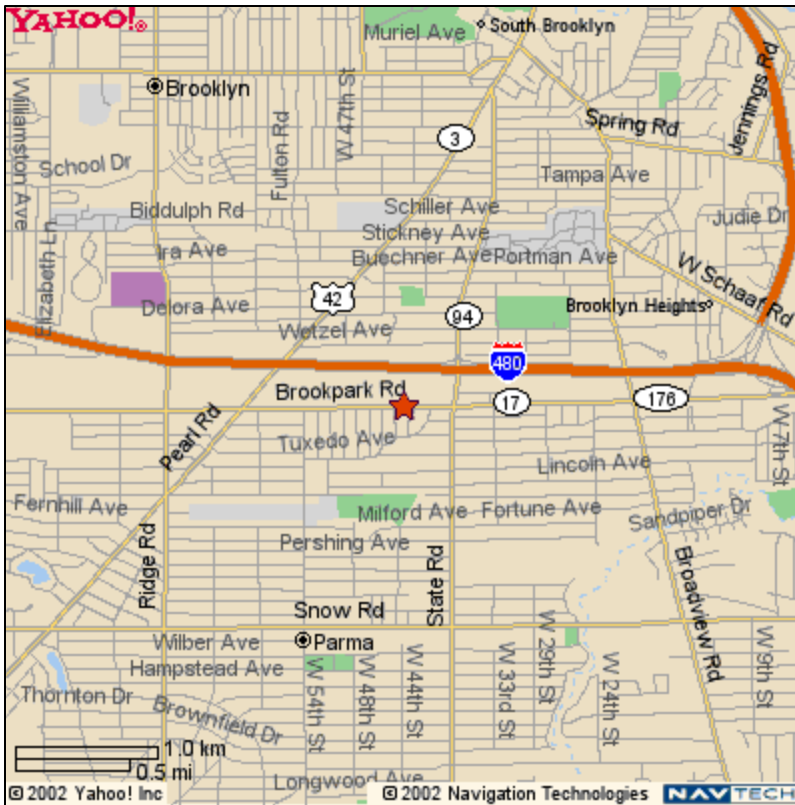
What's more, the compact 4U rack-mountable AJ-HD150 features optional format conversion from SD to HD, HD to HD, and HD to SD. Now add optional aspect ratio conversion, SDTI and complete specification Metadata for ground-breaking performance in any studio environment.

At a cost not much more than traditional 4:2:2 VTRs, the AJ-HD150 sets a new standard for High Definition and Standard Definition work.

**DVCPRO HD**

Bill Edwards  
Direct Sales Manager  
Panasonic Broadcast  
412-366-6513

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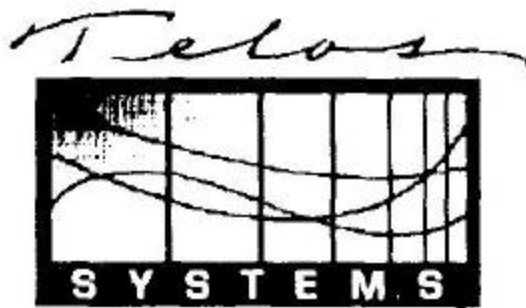
**DIRECTIONS TO  
WVIZ-TV, 4300 Brookpark Road**

Location is west of I-71 and south of I-480.

Exit I-480 at SR 94 (State Road) and go south.

Turn right on SR17 (Brookpark Road).

Studios are located less than 1/2 mile west on Brookpark Road. Look for the WVIZ logo.



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