



CHAPTER TWENTY NEWS

society of broadcast engineers
pittsburgh chapter

January 2007

Volume 15 Number 1

Welcome our new officers!



Last Meeting

Chapter 20's December meeting was at Houlihan's at Station Square on Thursday, Dec. 21. About twenty-five people attended the traditional Christmas meeting with a free meal. As hoped, there were several people that had never attended a meeting before. There was no technical program, but the election of officers was held. The officers for 2007 (pictured to the left) are Chairman, John Humphrey, Azcar; Vice Chairperson, Annette Parks, WIIC; Secretary, Henry Lassige Jr., KDKA; Treasurer, Henry Lassige Sr., AVEC.

Next Meeting

Our next meeting will be on Thursday, January 18 at the Red Bull Inn at 5205 Campbells Run Road. Rex Lawrence of Network Electronics will inform us about uncompressed SDI and ASI over IP networks. The meal's free: order what you like from the menu. Bring your IT person and come on out and join us!



Chairman's Corner

John J. Humphrey, CPBE
Azcar
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It's been a year since I volunteered, and was elected, Chairman of Chapter 20. It has been a busy year, and 2007 promises to be even busier and more productive.

The annual SBE Expo was a lot of work this year and it paid off BIG! We had about 40% more vendors (who pay for everything) and a small increase in the quantity (but a big increase in the quality) of the attendees.

The Christmas party was a tangible benefit of the Expo's financial success. Having the Christmas party at Houlihan's with free food and drinks put everyone in the holiday spirit. For the 25 or so who made it to the party, it was good food, good conversation and a good time. I was pleased to see a good turnout of members and some non-members, too! I asked that every member invite an industry friend or "fallen away" member of the SBE. It looks like it worked and please continue to invite industry people to our monthly meetings. I hope we will see some of those non-members join this year and the good turnout continue throughout this New Year. Thanks to Annette who

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Next Meeting

Thursday, January 18
7:00 P.M.

Come at 6:30 to shoot the breeze

Uncompressed SDI via IP Networks

Rex Lawrence
Network Electronics

Dinner: Order from the menu
Meal fee: Free

Location: Red Bull Inn
5205 Campbells Run Rd.
412-787-2855

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did a great job arranging the Christmas Party/meeting at Houlihan's Station Square. Like the Christmas party and the past several monthly meetings, the food will continue to be on the Chapter and there is no cost to members.

As you know, the National SBE has selected Pittsburgh Chapter 20 as the location for the 2007 SBE National meeting. We are going to have a "really big show" next year. We are going to need more help, too! The date for the 2007 Expo is October 10th and 11th. The 10th is the National SBE meeting and set up day. The 11th is the Expo exhibits and technical presentations at the Expo Mart in Monroeville.

My four New Year resolutions for 2007 are:

- 1) Spruce up the web site: Check it out. It looks and works much better thanks to the new SBE template, Gary Stewart and Bob Hoffman.
- 2) Clean up the Expo mailing list: I will need help on this. We need to put a committee together to work through the old, incorrect data. Bob Hoffman has offered to develop a good database. In addition, SBE 22 Syracuse has offered to help with their registration and badge printing hardware and software for our Expo.
- 3) We need to standardize on meeting times and locations for 2007: We will have more discussion at the monthly meetings on this topic.
- 4) Have an Expo coordinator within the membership of the SBE chapter: We must make sure we have a great SBE National Expo in 2007.

I am always open to any suggestions to make the Chapter work better for its members. I would like to hear your opinion about any subject by phone (724) 873-0800 or by e-mail to:

john.humphrey@azcar.com.

Finally, I would like to congratulate both Henry Lassige Sr. and Jr. for becoming our newest board members. Welcome aboard. Thanks to Blake and Glenn for their valuable service to the chapter during the last several years.

See you all at the January meeting!

John J. Humphrey, CPBE



Musings of a Consultant

John Luff
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We are all pretty comfortable with flat panel displays by now, and most broadcasters have them in locations beyond the lobby and GM's office. But how comfortable are you with the pending death of the CRT?

California now considers CRT's hazardous waste and charges a recycling fee at the time of purchase. It is a matter of time before all CRTs disappear. Sony closed the glass plant in Westmoreland when it no longer had a need for tubes for projection TVs. It is harder to find CRTs every day now, and soon we will be forced to match cameras on new era displays.

LCDs and PDP (plasma display panels) both have strengths and issues making them less than ideal for control room usage.

In the future the SED, Surface-conduction Electron-emitter Display, looks like the strongest long term candidate. Think of it as a 2" thick perfectly flat CRT with solid state emitters behind every pixel. Colorimetry and contrast are fantastic and power consumption is reported to be below LCD displays. Canon and Toshiba will be bringing them to market this calendar year. Expect at least one professional monitor supplier to offer them quickly.

E-mail, Snail Mail, Both?

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www.broadcast.net/~sbe20.



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SBE Expo 2007

Mark your calendar ...

This is one Chapter 20 Expo you won't want to miss. Why? Because it's also the SBE National Meeting. You don't have to spend big bucks to go to Las Vegas or Boston to enjoy all the benefits of a national convention. This year, they're coming to the ExpoMart in Monroeville.

Wednesday, Oct 10 ... National SBE Certification

and other National SBE Board meetings
(details to follow)

Thursday, Oct 11 ... Regional SBE Expo

CORRECTION

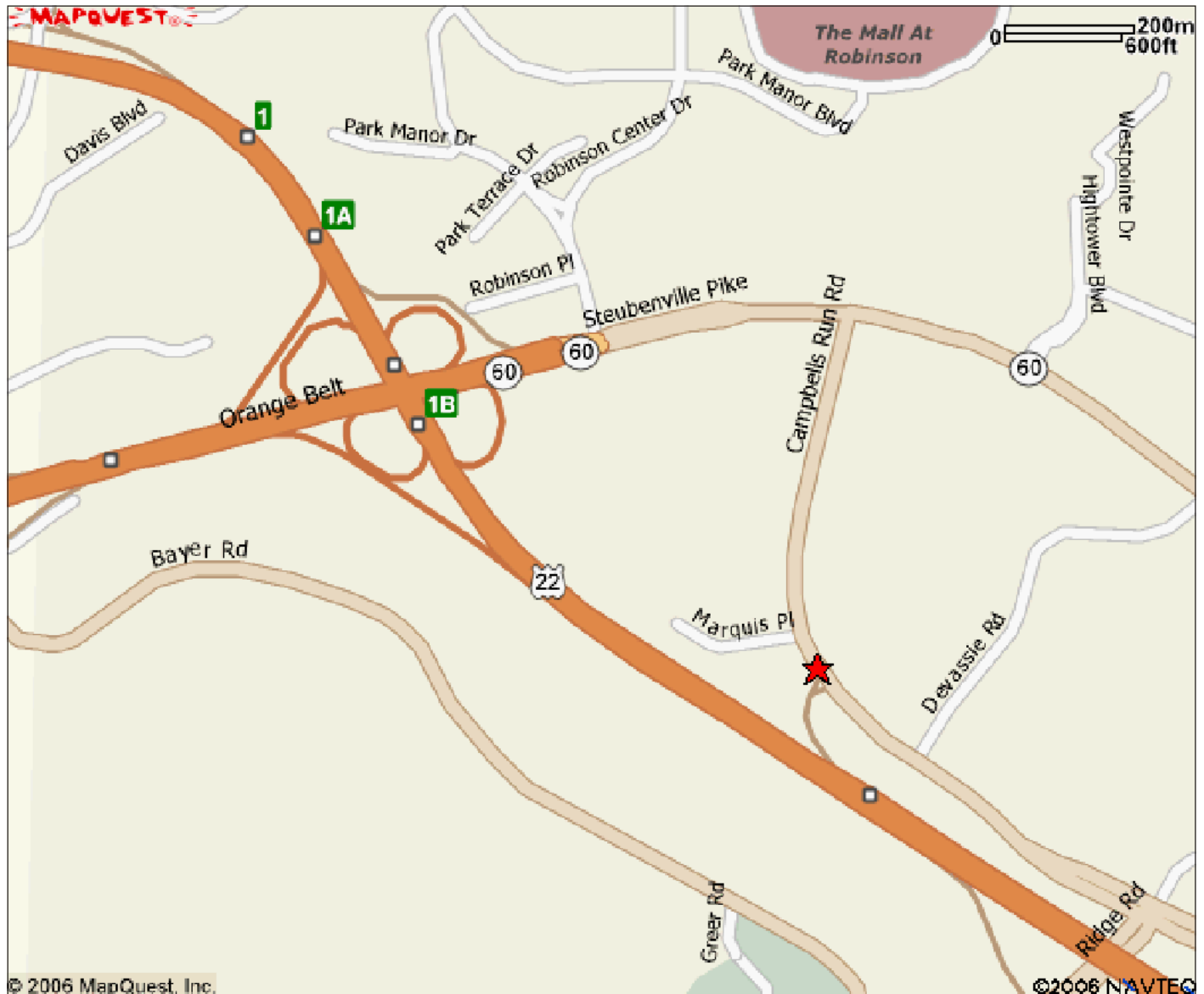
If you didn't catch it when you went to mark your calendars with the 2007 SBE Expo dates, you will want to re-mark your calendars. The dates should be Oct. 10 and Oct. 11, not the 10th and 12th as shown last month.

CORRECTION: Last month's "Proposed Final DTV Table" contained two errors regarding the digital channels selection for WQED and WQEX, so it is repeated here in corrected form.

FCC'S PROPOSED FINAL DTV TABLE

Facility ID#	City	NTSC Chan	DTV Chan	ERP (kw)	HAAT (m)	Antenna ID#	Lat.	Long.	Coverage (Sq km)	Pop (thous)	Interference Received %
13924	Greensburg	40	50	362	264	44438	402334	794654	16116	2634	2.7
69880	Jeannette	19	49	233	325	74484	401051	790946	16394	1872	22.4
41315	Pittsburgh	13	13	6.42	210	74536	402646	795751	19434	2824	0.9
25454	Pittsburgh	2	25	1000	311		402938	800109	29482	3587	0.1
41314	Pittsburgh	16	38	64.1	215	74997	402646	795751	14493	2602	0.2
73907	Pittsburgh	22	42	1000	315	43259	402943	800017	22392	3001	3.8
73875	Pittsburgh	53	43	1000	303	45946	402943	800018	23931	3093	0
73910	Pittsburgh	11	48	1000	289		402748	800016	24887	3241	0.6
65681	Pittsburgh	4	51	1000	273	40377	401649	794811	20794	2868	0.6

Map & Directions for January 18 Meeting



From Greater Pgh. Airport

Take Parkway West (Rt. 60 South) 4 miles.
Get off at the Rt. 60 South (Crafton) exit. Exit 1B.
At the Third set of red lights, make a right turn
onto Campbells Run Road. (The set of
lights before SHEETZ GAS Station)
The Red Bull is about 500 yards down
Campbells Run Road on the right hand
side. (We are right next to the Country Inn
& Suites.)

From Downtown Pittsburgh

Go through the Fort Pitt Tunnels.
Follow the Parkway West for about 8 miles.
Get off at the Crafton Rt. 60 exit.
The Red Bull Inn is directly on your left
beside the exit ramp.

