

# Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

NOVEMBER

1991

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WORLDWIDE TV-FM DX ASSOCIATION

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11/92  
WILLIAM N NOLLMAN  
35 NYE ROAD  
GLASTONBURY CT 06033

first class mail



# SPECIAL REPORT

YOUR RIGHTS TO DX THE  
PSB BANDS MIGHT BE DENIED!

There have been several developments that has not been covered by the WTFDA, but have been brought to light elsewhere. Namely your rights to DX and just plain monitor the PSB bands....

As most of you know, several states ban the monitoring of Police/Fire Frequencies in motor vehicles. My state, New Jersey..is one of these states. Our law, is said to be on the 'books' since the 1930's, is so strict that unless you are a police officer, fireperson, or emergency (EMS) technician or a government (Federal) law enforcement officer. You are not allowed to have a scanner in your motor vehicle. Even, if you, have the scanner shutoff and locked in your trunk! The penalties include a \$500.00 fine, confiscation of your scanner and get this..up to a 18 month jail term! Ham radio operators are not exempt, currently a Ham in, Union County (NJ) is facing a 18 month jail term for violating this law! Just having a radio capable of receiving the PSB bands in your car, even in the trunk, subjects you to this fine and possible imprisonment!

Fortunately, the ARRL (American Radio Relay League), ANARC, NESN (North East Scanning News) a Northeast scanning club and Frank Terranella, a lawyer who is working with both ANARC and the ARRL along with NESN's large membership has been able to introduce a bill in the NJ Legislature, and word has it that this bill might be voted on / signed into law REPEALING New Jersey's 'mobile scanner law'. And also there is some talk that the Ham who is facing the possibility of jail sentence for having a scanner in his car, might perhaps have the law tested as unconstitutional as the law is vague and overly broad. Well that is the good news!

Now the bad news!

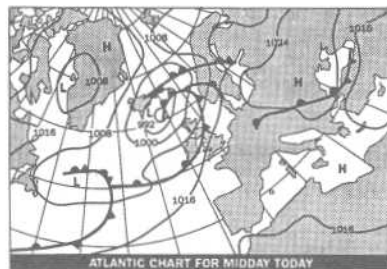
In the Newark Star Ledger on October 6th 1991 Sunday edition had a very interesting article on the NJ Scanner law and went on about the Ham operator and his plight. The article went on to talk about 'the controversy' on scanners and the like.....it also went on to say..that.

JERSEY CITY NEW JERSEY IS CONSIDERING BANNING POSSESSION OF SCANNERS IN THE PRIVACY OF ONES HOME!!!! This my friends, is very scary! A council member in Jersey City (and other communities) are considering a ordinance(s) to deny your right to listen in the privacy of our own homes to listen & DX on your scanner. What happens in Jersey City NJ (and other communities) will likely have an effect on you somewhere in the future! I understand that Jersey City Police have complained to the lawmakers in JC that the criminals are using scanners and that they (the Police) want a total ban on scanners in JC. If they ban scanners in JC, they then might go after all radios that 'tune' the PSB bands. The ICOM R-7000 comes to mind along with the various Ham gear that incidently receive some PSB bands as mostly all Ham gear do.

Am I jumping the gun here, so to speak? Think about it. If what happens in Jersey City goes through, then it will be a short time before it also happens in other towns, cities, perhaps your own community? Kiss enjoyable monitoring goodbye! Of course there will be a fight over all this, several things come to mind. Your rights as taxpayer to monitor the goings on in the community, your rights against censoring important information, the right to know and several things that go against your rights. I also understand that Frank Terranella and NESN is looking into this misguided effort by the Jersey City law makers.

In other things that approach this subject of banning, restricting and further hampering the radio hobby. In a editorial in the most recent issue of "Monitoring Times". Bob Grove (the publisher) wrote about the FCC proposing to deny type acceptance of scanners capable of receiving cellular bands and even scanners easily modified to receive the cellular bands even though the scanner is locked out from cellular. According to the article no one in Washington DC is opposing the bill. And if this goes through then possibility of the FCC proposing to remove the PSB bands is not far off. Watch for future updates on this. For more information on the NESN write to North East Scanning News 212 West Broad St Paulsboro NJ 08066. Sample issues of NESN are available for \$2.50.

--Bill Nienajadiy



## A TECHNICAL TOPICS DX REPORT

Your technical editor, Tim McVey, has taken up residence in England for the next three years. During this time, I'd like to make an attempt to put the "W" into WTFDA...from time to time I hope to be able to submit DX reports, antenna reviews, etc. to give a general feel for what DX'ing is like in Europe.

My wife and I got our home set up in July, and got my antennas up! The C.M. Stereo Probe Nine is up at 20' AG on a rotor, and the jazzed-up Pioneer TX-7500 is ready for action. (The lousy front-to-back ratio of the Probe 9 is OK here because I have the Pennines to the west and the N. York Moors to the north!) We live in Knaresboro, a market town that goes back to the 12th century, complete with old castle ruins, medieval homes and churches, and a town crier. It's located about 25 miles NE of Leeds, and about 200 miles N of London. This is the beautiful countryside of sheep, James Herriot, Beatrix Potter, and lovely heather-topped moors, any of which would make a fine site for a DXpedition.

The FM dial here is relatively quiet; the locals have low power. There are only 4 watchable TV stations, and they are all on UHF and require an outdoor antenna. We're about 50 miles inland from the North Sea and on the eastern slope of the Pennine Mountains, so the tropo paths from the continent have good potential, as we shall see.

American DX'ing habits are little help here. Only in USA, Canada, Mexico, parts of Latin America, and Australia will you hear stations ID regularly with call letters. In Europe, at least, networks are the rule, and these are identified by name only rather than by any technical details. In England, "BBC Radio 2" operates in the 88-90 MHz range. No frequencies or locations or calls are given. The primary goal of the BBC is to make sure a person can clearly receive the "Radio 2" programme, no matter where he/she/it goes within the UK. To this end, a network of primary (10kW and up) and relay (5 to 5000 Watts ERP) stations are strategically located about the land. Listeners are informed merely to tune to the strongest available signal in the range 88-90 MHz "band."

When DX'ing, one must use external clues to "assemble nets." On FM, unlike SW, broadcasters don't broadcast in English unless their community speaks it! (By the way, FM is often called VHF to distinguish it from the other broadcast bands, LW and MW.) It is vitally important to become intimately familiar with all your locals so that any unusual stuff gets recognized quickly. One also must have good listings of networks, such as is given in the World Radio-TV Handbook.

When something unusual comes rolling in, it helps to have a directional antenna to find the strongest direction (a peak in signal strength usually falls within 10 degrees or so on a large yagi) and to make sure the German is really coming from the direction of Germany.

Then, one should always tune up and down the dial to see at what other frequencies the identical programme shows up. This is extremely important, for it gives you all the technical details you're looking for, even if unable to speak the language. Check the frequencies you are hearing against your listings, and there should be a match that shows up somewhere. Once you've found that, use the listing to hunt for other targets that may be buried more in the noise and ORM.

This process is perhaps best illustrated with an example. Let's say I'm hearing Dutch programs on the FM band. A check with the rotor peaks it in a direction a bit S of Holland. I'll tune across the dial, and the same program can be heard at 94.2, 95.7, and 99.9. Two of the three match up to Nederlandse Omroepprogramma Stichting's network, but all three match up to the Belgische Radio en Televisie (BRT) Dutch language network in Belgium.

Now, use the listing (reprinted here from the WRTH) to piece together the network. The cool thing about national networks is that the same transmitter sites and equipment is usually used to transmit other programmes. In this example, I notice that the 95.7 signal on my radio shows up at S-3.2 on my tuner's S-meter. The list shows other programs on 98.6, 90.4, and 102.1. I tune to 98.6, and, sure enough, there's another Dutch program, also at S-3.2. I try for 97.9 and 97.5, but there are locals on those channels. However, a check on 93.7 shows a Dutch signal parallel to 98.6, but weak and fluttery. Just to check, I tune to 91.7 and there is a Dutch program, identical to the first three frequencies (94.2, 95.7, 99.9 MHz) but fluttery and at the same weak signal level as at 89.5. This process is called assembling a net, and ensures that you are really hearing the DX you think you are, even without understanding the language. And don't overlook the possibility of parallel broadcasts on LW frequencies, as well. During the day, groundwaves at LW can easily go farther than VHF through a tropo duct.

#### ENGLAND'S RADIO DIAL

In the UK, there are two broadcasting organisations: the famous BBC, and the Independent Radio Authority. The BBC (British Broadcasting Corporation) is non-commercial and supported by direct taxing of its listeners. If you live in the UK, and your TV or radio is capable of receiving the BBC signals, you must buy a license. This costs £77 per year (about \$125 when I bought mine) per household, for color TV. (There are discounts for using B&W TV set only, or if you're blind.) The RA regulates independent, commercial broadcasters, which may apply for and set up a station if an allocation exists for that area. (Not unlike the FCC.) BBC provides three TV channels (in stereo, with Ceefax subcarriers), and 5 domestic radio programmes, as well as national, native-language programs for Scotland (R. Scotland), Wales (R. Cymru), and N Ireland (R. Ulster). In most areas, only the three BBC channels, and one or two independent channels, are available on TV. All TV stations are on UHF, and there is no cable. The Brits do not particularly want more than the 4 standard channels. (DBS-Direct Broadcast Satellite-is available for those few who do. It is fairly inexpensive since the high frequencies used allow very small, 24" receiving dishes.)

**Aire FM**  
LEEDS  
contemporary chart hits/old & national news  
FM 96.3 MHz 24 hours  
AIR DATE 1.9.81

**Radio Borders**  
THE BORDERS  
chart & classic hits. Scottish music, news & sport  
FM 96.8, 97.5, 103.1, 103.4 MHz 24 hours  
AIR DATE 22.3.80

**Choice FM**  
GLASGOW  
contemporary chart & national news  
FM 96.9 MHz 24 hours  
AIR DATE 31.3.80

**Radio Forth RFM**  
EDINBURGH  
chart, contemporary classic, Scottish music, news & information  
FM 90.395 MHz 24 hours  
AIR DATE 21.1.78

**Hereward Radio**  
PETERBOROUGH  
contemporary and classic hits/old & national news  
FM 102.7 MHz/AM 1332 kHz 24 hours  
AIR DATE 20.7.81

**Jazz FM**  
LONDON  
jazz & jazz related music/national news  
FM 102.2 MHz 24 hours  
AIR DATE 4.3.80

**Radio Orwell**  
IPSWICH  
adult contemporary music/local & national news  
FM 97.1 MHz, AM 1470 kHz 24 hours  
AIR DATE 28.10.75

**Sunrise FM**  
BRADFORD  
music, news & information for Asian, Afro-Caribbean and other ethnic communities  
FM 103.2 MHz 24 hours

**BELGIUM**

L.T. UTC + 1h (Su: UTC + 2h) — Pop: 9,898,000 — Radio sets: 4,520,590 — Pr.L: Dutch, French, German. E.C. acc 50, 200% (yes) — ITU: BEL.

**BELGISCHE RADIO EN TELEVISIE (BRT)**  
Dutch Language Network  
Public Ser. grants by Flemish Council.  
ADDR: Omroepcentrum, B-1040 Brussels. Te: +32 (2) 737 31 11.  
Cable: BRT Brussel. Telex: 22486 BRTBN B. Fax: +32 (2) 735 39 42.

L.P. Adm. Gen: C. Goossens; Dir. Gen (Radio): P. Van Roe; Dir. of Production Dept: C. Cleeren; Dir. of Progr. Dept: H. Verheyden; Techn. Dept: Dr. Gen: M. Gouwig; Dir. N. & Current Affairs: M. Gevaert; Dir. Educ. Progr: Mrs L. Martel; Head of Int. Rel: Mrs. Jankin Carroerghs.

**MEDIUMWAVES (M - Regional Prog)**

Station	MHz	Prgr.	kW
Waver-Overseje	540	2	150/50
Wolvenstem	827	1	300
Kuurne	1188	2	5

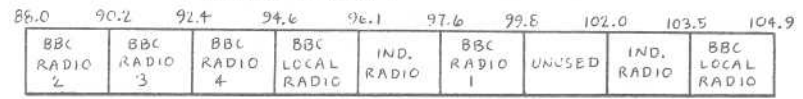
FM: all freqs in MHz; all progr. in stereo.

Station	1	2+R	3	4	kW
Brussegeem					100.6 20
Egem	95.7	98.6	90.4		102.1 50
					100.1 1
Genk	99.9	97.9	89.9	101.4	103.3x20
Gent					101.5 1
Lausanne					102.0 0.05
Schoonen	94.2	97.5	89.0		100.9 3+10.25
Vettem	91.7	83.7	89.5		40

Radio 1: 0430 (Sun 0530)-2245 N.Wrps: 0500, 0530, 0600, 0630, 0700 and hourly to 1800, 1830, 2100, 2245.  
Radio 2: 0430 (Sun 0530)-2245 N.Wrps: 0500, 0530, 0600, 0630, 0700, 0800, 0900, 1200, 1600, 1800, 2100, 2245.  
Regional Centres: J.V. Poperingsesteen 157, 2018 Antwerpen (97.5MHz) — Esp. Poperingsesteen 18, 1050 Brussel (93.7MHz) — Rodenbachstraat 29, 3500 Hasselt (97.9MHz) — Marialeerlaan 232, 3000 Gent (88.6MHz) — Conservatoriumplein 1, 8500 Kortrijk (100.1MHz). D. Progr: 1100-1200.  
Radio 3: 0700-2245, N.Wrps: 0700, 0800, 1200, 1800, 2240.  
"Studio Brussel" on 1512kHz + FM: 0600 (Sat/Sun 0900): 1600.

Here is a summary of the FM radio programmes available in the UK:

- RADIO 1** - pop and rock music  
65 FM stations in the 97.6-99.8 MHz band  
26 MW stations, mostly on 1053 or 1089 kHz on the air 0500-0200 daily
- RADIO 2** - light music & informative programs  
168 FM stations in the 88.0-90.2 MHz band on the air 24 hours
- RADIO 3** - "serious music and cultural programming"  
168 FM stations in the 90.2-92.4 MHz band  
21 MW stations on 1197 or 1215 kHz (to end soon) on the air 0655-0035 daily
- RADIO 4** - spoken word, current affairs, news, music  
168 FM stations in the 92.4-94.6 MHz band  
9 MW stations and 3 LW (at 198 kHz) stations on the air 0555-0040 daily
- RADIO 5** - sports, education, and "youth" programs  
23 MW stations on 693 or 909 kHz, to go to FM
- LOCAL RADIO** - service for 40 specific regions (typically larger cities, such as Radio Manchester, or counties, such as Radio Gloucestershire). These have local programs, trained, local announcers, pop/rock music, and local news staffs. Including relays, there are 89 FM stations in the 94.6-96.1 and 103.5-104.9 bands.
- INDEPENDENTS** - These generally cover small areas, have low power, and identify with catchy names, like "T-FM" or "Red Rose Rock Radio" or "London Jazz Radio." There are 111 separate stations on FM, not counting a few low-power relays, in the 96.1-97.6, and the 102.0-103.5 MHz bands. All are stereo, and most operate 24 hours.



Notice the two prominent gaps in the FM band. 99.8-102.0 is currently unused in the UK, but there are plans to set up some national commercial radio networks in the future in this range. 105.0-108.0 is unused in the UK until 1996. Both of these provide to me, the DX'er, excellent DX windows since these frequency ranges are used on the continent!!

Technically speaking, an area is defined by the BBC to be served by an FM transmitter "if the field strength is at least 54 dB (relative to 1 uV/m) at a height of 10 m above ground level." ERP's vary depending on terrain and specific requirements, from 5 W to 250 kW. Polarization is mostly mixed (H and V), but about 25% are still horizontal and 25% are vertical.

In Europe, FM stations transmit with narrower deviations; often an entire channel is limited to +/- 75kHz, compared to +/- 100kHz in the USA. Channel assignments are made every 100kHz. As a general rule, lower power is used in favor of more relay stations. Almost all stations are in stereo.

There is no SCA as it is known in the US. In most European countries the FM stations use the Radio Data System (RDS) which presents time, frequency, station name, and occasional traffic reports and road data. All of this is via slow digital FSK data, on approximately 57 kHz subcarrier. One can drive all over Europe and, using a radio equipped with RDS, see the correct time and station name. In order to get any use out of my SCA decoders, I guess I will have to build a FSK demodulator and a digital display.



## SUMMER, 1991 DX REPORT

Times are given in local, which is EDT plus 5 hours (GMT + 1 hour).

26 July, EGW (foggy, warm morning)

0630 97.3 LBC NEWSTALK, London, 4.0kW, 185 miles  
 0645 97.5 THE HOT FM, 1.0kW, 152 mi

27 July, Es

0820 100.3 R. SAN LUCHINO, Bologna, Italy, 5kW, 905 mi  
 0825 87.3 unID, with American pop music, strong signal in \$  
 0828 87.6 RAI (Radio 1), Mte. Cavo, nr. Rome, 12kW, 1100 mi.  
 0830 88.1 RAI (Radio 1), Mte. Venda, 80kW, ??  
 0940 MUF drops below FM  
 dozens of unIDs all the way up past 106...

28 July, Es

1745 97.6 ONDAS GALICIA, La Coruna, Spain, 1kW, 895 mi.  
 1750 88.3 ANTENA 3 DE RADIO, Cordoba, 2kW, 1120 mi  
 1755 93.2 ANTENA 3 DE RADIO, Cadiz, 1kW, 1216 mi.  
 1755 fast drop in MUF...

28 July, mild Tr (stagnant high pressure dome)

0900 87.7//87.9//88.0//92.6 NEDERLANDSE OMROEPPROGRAMMA STICHTING  
 (NOS) from locations in Holland, approx. 300 mile range  
 0930 96.1 BBC R. SOLENT, Southampton, 10kW, 210 mi  
 1930 104.2 BBC R. KENT, Dover, 10kW, 225 mi  
 1945 94.6 R. FRANCE, Chartres, 50kW, 430 mi  
 2100 98.6//100.1//97.5 BELGISCHE RADIO EN TELEVISIE (BRT) from  
 locations in Belgium, 350-390 mile range;  
 also 100.9//100.6//102.1 Programme 4, and  
 101.9//92.6//100.7//93.9 Programme 1.

2145 short-lived E-skip to Spain (presumed), up to 89 MHz, no ID's  
1 Aug, mild Tr (same high)

0715 95.3, BBC R. SUSSEX, Brighton, 1.2kW, 215mi.

3 Aug, mild Tr

0740 noted strong enhancement to Netherlands, Belgium; this over-  
 water path seems to work very well out to about 400 miles

18 Aug, Tr (over mountains)

2030 103.6 BBC-Radio 4 relay, Llanddona, Wales, 21kW, 117 mi  
 2035 104.0 BBC Radio 4 main site, Blaenplwyf, 250kW, 157 mi.

20 Aug, Tr

short distance, but a definite path over the Pennines which has only  
 heard once in 3 months...

0705 94.4 R. TELEFIS EIREANN (FM-3), Mullaghanish, Ireland, 160kW  
 102.7 //above, Clermont Carn, 40kW "Allegro" program, c\$  
 0715 101.4 CENTURY FM, Mt. Leinster, 100kW  
 101.8 CENTURY FM, Mullaghanish, 160kW  
 100.3 CENTURY FM, Dublin, 10kW, 214 miles } all with lots of  
 ads, T-40 music \$  
 0725 93.5 RTE (FM-3), Kippure, 40kW, 216 mi  
 90.4//91.3//91.8 RTE (FM-2) various sites in Ireland...

21 Aug, Tr

0700 101.4 BRT (Radio 4), Genk, Belgium, 20kW, 380 miles 420 mi  
 0715 101.3 WESTDEUTSCHER RUNDFUNK (Radio 4), Langenberg, W. Germ.  
 101.7 W.R. (Radio 4), Kleve, 2kW, 380 miles !  
 0725 101.0 W.R. (Radio 2), Barbelkreuz, 500 Watts, 375 miles!  
 also 100.8-Aachen, 5kW, 410 mi, 101.8 Ederkopf, 15kW

30 Aug, Tr (stagnant high pressure, morning fog)

0700 102.2 LONDON JAZZ RADIO, 2.0kW, in local quality, strong!  
 102.6 INVICTA FM, Dunkirk, 350 Watts, 211 miles !  
 103.1 INVICTA FM, Maidstone, 630 W relay, 202 miles  
 0715 105.1 UNITED STATES ARMY AFN, Rheinberg, Germany, 1.0kW, 392 mi  
 news, rock music, sports in American English stereo  
 0730 As I go to work, note band is loaded with French, German, etc.  
 1905 This has built through the day...most Belgium and Holland  
 stations are in at local strength; tons of relogs and unIDs  
 1920 99.2 DANMARKS RADIO (Prog. 3), Thisted, Denmark, 2kW, 480 mi  
 90.0 D.R. (Prog. 3), Bornholm, 30kW, 692 miles !  
 2100 above stations from Denmark up at S-4.5 out of 5.0! Unbelievable!

30 Aug, Tr (2100-2200 Netherlands hunt)

Site, power, distance	NOS-Prog. 1&2	NOS-Prog. 3	NOS-Prog. 4
Wieringermeer, 20kW, 288mi	87.7//93.9	89.8	92.2
Goes, 15kW, 300 mi	87.9//101.9		
Smilde, 50kW, 360 mi	88.0//90.8	91.8	94.8
Irnsrum, 15kW, 328 mi	88.6		
Markelo, 50kW, 372 mi	91.4//95.6	96.2	98.4
Rotterdam, 5kW, 304 mi	93.4		
Hoogezand, 15kW, 352 mi	97.5		
Roormond, 20kW, 392 mi!	100.3		
Lopik, 100kW, 300 mi	100.7	96.8	98.9
Lelystad, 5kW, 328 mi	102.1		

31 Aug, SUPER Tr

0630-0700 JUNGENDRADIO DT64 network, W. Germany:

Rhinow, 103.1 MHz, 606 miles! Berlin, 102.6, 644 miles  
 Sonneberg, 102.7, 616 miles Frankfort, 101.5, 532 miles

0645-0700 DEUTSCHLANDFUNK network, W. Germany:

Aurich, 101.8 MHz, 100kW, 387 miles  
 Wesel, 102.8 MHz, 100kW, 392 miles  
 Lingen, 102.0 MHz, 15kW, 396 miles !

0700-0720 NORDDEUTSCHER RUNDFUNK network, W. Germany:

Hamburg, 87.6 and 99.2 MHz, 80kW, 496 miles!!  
 Aurich, 98.1 and 90.0 MHz, 25kW, 387 miles  
 Steinkimmen, 99.8 and 94.4 MHz, 100kW  
 Lingen, 97.8 and 90.2 MHz, 15kW, 396 miles  
 Heide, 99.4 MHz, 452 miles  
 Flensburg, 96.1 MHz, 472 miles

0715-0730 WESTDEUTSCHER RUNDFUNK network:

Langenberg, 95.1 MHz, 100kW, 418 mi Kleve, 97.3 MHz, 2kW, 384 mi

0910-0930 SVRIGES RIKSRADIO network, Sweden!

(only Program 4 heard, others buried under German signals)

Visby, 100.2, 60kW, 856 MILES (my all time record!)

Orebro, 102.8, 60kW, 784 MILES

Boras, 102.9, 10kW, 656 miles

Varberg, 103.8, 10kW, 620 miles

1 Sep, Tr

0800 conditions still good, but major part of duct is dissipated

0805 96.1 RTV BELGE DE LA COMMUNAUTE FRANCAISE,  
 Wavre, Belgium, 50kW, 360 mi. //300kW station on 621.kHz

2 Sep, Tr

0715-0730 DEUTSCHE WELLE FM NETWORK (new on air, female reads a list  
 of stations, sites, and freqs over and over, in stereo)  
 Kaltenkirchen, 107.4 MHz, 495 miles Oytten, 104.1, 460 mi  
 Lubeck, 107.9 or 108.0 MHz, 524 mi Heide, 100.4, 455 mi

So, in 6 weeks' time, I've been fortunate to log over 220 stations  
 from 10 countries by groundwave, widespread enhancement, an awesome  
 tropo duct, and E-skip. The tropo over the labor day weekend was  
 the best I've seen in 10 years; it broke my old 800-mile record set  
 back in 1979 on a Memphis-Minneapolis path, and 1980 on a Memphis-  
 Lubbock path. In the above loggings, I've selected the highlights  
 only and included ERP and mileages to give the reader a feel for  
 what DX was like here and how it compares to US. No re-logs listed.

I have no doubt that the duct may have supported even farther  
 contacts on 31 Aug. The Visby, Sweden site is an island in the  
 Baltic between Sweden and Latvia. This is as far as I could go  
 without a receiver that tunes the OIRT FM band (65-75 MHz, used by  
 eastern European/Soviet countries). This has also probably caused  
 me to miss a lot of E-skip, as well.

I've not TV DX'ed, although the TV bands are wide open here. The  
 biggest problem is that my multistandard TV does not have the chann-  
 els numbered, I have no way to fix that problem, and I haven't yet  
 seen a listing of European/N. African TV stations. I brought along  
 my American TV, which is hooked to the FM antenna just in case some  
 F-2 skip comes in from the States; no luck with that yet.

That about does it for this month; 73 and cheers, *J.K.M.*

17 Park Gate, Knaresborough, BS 9DR, UK (airmail address)

PSC 45, Box 1066, APO, AE (use this address with a 29¢ stamp)



# FM NEWS

Bruce F. Elving, Ph.D., Editor  
Box 24  
Adolph MN 55701-0024

Station news contributions earnestly, tenderly solicited!

## Readers' Reports and "Lameness" Revisited

"Nice to see you at Dunkirk for the convention," writes Greg Coniglio. "Thank you, Bob Seybold, for having us. I am curious to see where it will be in 1992. Hopefully I will be able to attend. How did your modified car radio turn out?" [The car radio which Bill Nienajadly modified with his 150 kHz filters turned out razor-sharp—almost too sharp since I like to tune in 92 kHz SCS as I go, and that channel is quite attenuated; 67 kHz is fine. It was fun playing with the car radios that sunny afternoon in Bob's greenery.] "On the subject of adult contemporary, I share your and Bill's frustration on the 'lameness' of the musical programming when there are so many other good songs out there that people will never get a chance to hear. I can't remember who said this in your column a few years back, but he said it well: 'They are looking for songs that people won't dislike instead of songs people will like'. I don't think that Bill N. intended to offend anyone's disability when he thought up the term 'lame'. I don't think he is that type of person. I agree with your statement; people should not really feel offended by the 'lame' term—because none is intended. However, I think you could have made your point just as well without that 'invalid' remark—in my opinion, that was not very good taste.

"We were in NH luring Hurricane Bob. Many stations were knocked off the air, though most were not off for long. WRSR 96.1 was in mono for a while, as was WUOQ 97.5, but both returned to stereo later. WCOL 95.3 and WVEW 96.7 were off for longer, allowing me to DX. . . [which] was poor immediately following the hurricane—maybe the extreme low pressure? I also had some success with phasing, though I can't compare it to others, of course. I have never seen their methods in action! I use the Probe 9 on the roof, plus rabbit ears in my bedroom (the kind with dials on it); both run into a Radio Shack 0.15-20 dB FM amp, which has both 300 and 75 ohm inputs. The ones with selectors work better than plain rabbit ears. It works better with Es and tops than for ground wave. A few examples of success: Got 94.5 and 99.5 from Dallas area July 1 over 100-kw Buffalo locals. . . Also during weekend WVDL 104.9 PA, in the same direction; no sign of it without phasing. Got WSP1 95.3 over CKDS local that night, although I usually have a null in that direction anyway. Phasing just made it deeper. Hope you can use some of this in your column, Bruce."

For TV DXers: "Fringe communities in Wisconsin are investigating the dangers of large private TV antenna towers in order to enact control ordinances. Residents in cities as far as 100 miles from Milwaukee have erected towers upwards of 60 feet high in an effort to receive programs from Milwaukee and even Chicago."

—May, 1990, "Radio-Electronics" magazine  
Bolstered by all the DXers tuning in, WCBS-FM with oldies, is No. 1 in the NYC ratings, according to info Bill

N. sent. WINS 1010 leads in daytime with its news, prompting Bill to write: "Antique Modulation not dead in NYC, but then he goes 'Hah! He! He! WNSR, We're No Super Radio.'" to an item about that 105.1 station in NYC dropping to 14th in the market with a 3.4 share. About the new rules which might help AM, announced by the FCC (one of which would remove some interference-causing stations to the new 1600-1700 kHz band after a five-year period of dual operations), Bill says: "Hah! He! He!" to the idea that the new rules "should go a long way towards restoring the economic health of many AM stations," according to FCC Commissioner Andrew C. Barrett. Bill sent me a list of unIDs, and he heard a 91.7 station mentioning St. Paul and the Twin Cities. Could be KLSR or KRWS; possibly KAXE. The "WECL" 92.9 he heard is a new station in Elk Mound (Ecu Claire) WI; and his "KQ-92" is KQRS-FM Golden Valley, not Warrroad MN. Several stations in his area have separate nighttime or weekend programming from their daytimes. Examples: WHUD 100.7 Peekskill NY both b and a/c; WWDB 96.5 Philly monophonic talk days; stereo "m" weekends, while WRTN 93.5 New Rochelle has heavy metal Saturday nights and Sunday mornings, Spanish late weekday nights.

A personality branching out to station ownership is Susan St. James (of "Kate and Allie" fame) who will become the new morning host on CT's WZBG 97.3 Litchfield. When WZBG comes on the air next May, let



Susan St. James  
No biz like radio biz

me know primarily if it has stereo, and secondarily what kind of music it plays. She and hubby NBC sports prez Dick Ebersol are owners of the station, along with others. The article Bill sent warns: "Numerous luminaries have lost their shirts by venturing into local radio. Stevie Wonder's KJLH (FM) Compton CA ranks 22nd in the L.A. market. Paul Simon and Lorne Michaels recently struck a deal to simulcast WNEW-FM during most of the day on their Hampton Bays station, WWHB. And Stephen King abandoned WZON in Bangor ME, after a year of selling to a dentist. Just about the only success

## FCC—FM

story is country idol Buck Owens, whose KNIX-FM dominates the Phoenix airwaves." The article failed, however, to mention the successes of Gene Autrey and Merv Griffin in their various broadcasting ventures. I wonder if any DXers have been successful at owning stations? I know J. Alex Bowab at WDLT 98.3 Chickasaw AL and Al Germond at KARO 101.5 Columbia MO, and I run W280CT 103.9 Hermantown MN for fun and profit (?).

John Marx found out that WFEN Rockford IL is on 88.3, not 102.3, as the FCC had erred. He's saddened by their appearance in the educational band, which along with WGSJ \*91.1, make two Rockford area "Bible thumpers cluttering the one part of the band I like to DX. . . I recall someone in a recent column was looking for Paris FM info. If I had an address for them I would send what I have. The Jamaica FM info isn't long enough/important enough for a separate publication. Nor would an eastern Caribbean/Jamaican list be enough. I'll just map it and offer it for a SASE to anyone who wants it." Write John at PO Box 971, Madison WI 53701.

From south FL: Christopher Dunne found pirates on 88.3: "Electric Radio" with an announced 1 kw and "Radio X," which may be the same station. WMCU 89.7 still g weekdays but gr on Sat. "I can get about a dozen additional FMs every day with the new RX302BK receiver, including 102.9 WIVY at 480 km! Sorry but I can't get it in \$, hi. I better listen to WEAT 104.3 as much as I can; it's the last b south of Jensen Beach. . . A DJ's synonym for 'lame': 'Favorites'."

Saul Chernos reports \*88.5 WRFI Radio Free Elmira (NY) "never got FCC approval—it was superceded by a gospel station that I heard during a visit there. Anyway, that didn't stop them from producing bumper stickers—I saw one in the Rongovian Embassy, a bar in a nearby village. . . Didn't have time to do any DXing while there." He mentioned calls of Lafontaine ON 101.9 being CFRH-3 (from CFLH) and I assume Perkinsfield is CFRH-2. I wonder if any or all of them have stereo? Nobody, it seems, has actually heard those low-power stations near Georgian Bay.

"Thought I'd drop you a note to express my appreciation for the work you did on my Sansui 919. It works great—easy to tune, with nice-sounding signals," writes Jim Wishner. With his selective tuner he can get next to locals like KNOW \*91.1 St. Paul. "Not many changes on FM here since I arrived. Most of the activity has been on AM, as the stations try almost anything to stay on the air. And there isn't as much SCA activity as I would have thought from a major metropolitan area. No farm news, no medical news, just talking books and Muzak. If and when I get an outside antenna, I'm sure I'll be able to pick up much more. . . It was nice to meet you in person."

Gus Mancuso: "You said, 'chortles Gus'. It's just the way I write, sometimes I come across as poison pen, but none intended. You list new Temple U. station coming on in Dover DE?" [Yes, WRTX 91.7—b.e.] "Must have been some change at WANV 99.7 Staunton VA. Now get regular, never got before. Maybe 'less tower, more power?' (To get more coverage east in trade-off for less reception towards mountains?) Since WTRM \*91.3 Winchester VA. increased by 100 watts it's noticeably

November, 1991

easier to null WESM. . . Different DXers [pick] up same stations during skip openings. I got some stations [from MD] as NJ and NY listeners at almost the same time on 6-16. . . WAMS 1380 Wilmington DE silent. . . Remember station as a teen in '60s—helped fill in the gap between Baltimore and Phila. on trips to NYC." Gus promises a report from Atlantic City in the Northern FM DX column this month.

Harry Hayes sent a story about the new WUSR \*99.5 Scranton, owned by the university there. It's expected on by Dec. '92, but no word on its stereo status or programming. Tom Bryant sent a picture story from "Broadcasting" on how KAGR, KMAX and KMLO plan to team up and program jointly on 107.1 mhz in an effort to match the coverages of CA Class B FM stations, many of which are grandfathered in at more than maximum ranges for that class. Tom writes that the "map might even be a candidate for front cover use." I don't get "Broadcasting," but do read it in the college library—sometimes a couple of weeks late.

Karl Zuk says Gerry Turro's 103.1 translator in NJ now relaying WBAB 102.3 Babylon NY. In the past it's been WPST, WALK-FM, WHTZ, WYNY, WDRE "and now WBAB. World's record?" Karl kindly sent an update on SCServices in the NYC area. He asked if the CA3089 chip, as used on the Elf-1 Adapter, can be used at 92 kHz? Yes, it can, but a separate adapter board is necessary—you can't "tune" on that adapter from 67 to 92. He sent an article by John Kean, "FM Subcarriers in the 1990s," from the Oct., 1990, *Broadcast Engineering*.

Look below, dear reader, for "See Also," the highly-acclaimed digest of what was in last month's issue that all America has been waiting for! I gotta run, and get ready a new "FM Atlas," about which details will follow in a month or two. Now onto selected information from my eight-page October FMedia! newsletter.

## See Also October VUD For

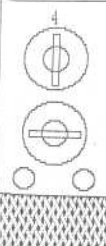
- FL Belle Glade WBGF 93.5 b-93.5 (from "All CD 93.5"), Smith, p. 42
- FL Bradenton-Sarasota WJIS \*88.1 adds Fort Myers—Tampa Bay, Strobel, p. 35
- FL Plantation Key WFKZ 103.1 is stereo?—Strobel, p. 33
- FL Pompano Beach WMXJ 102.7 o, Strobel, p. 33
- IL Ramsey WJLY 93.3 r, Merrill, p. 23
- IA Ankeny KMXD 106.3 "Mix 106" may have instead been KMXA 106.3 Lincoln, now b, but retaining that nonID. If it was KMXD, is it Stereo? Hawk, p. 27
- KS Baxter Springs KMQD 107.1 o, "Oldies 107," probable ID with Pitts/KY Glasgow WWWW 105.3 ID with Bowling Green, Strobel, p. 33
- MI Carrollton WKFK 100.5 stereo, "K-100.5," Falconer, p. 37
- MI Lexington WBTI 96.9 ID with Sarnia (ON)—Port Huron, Falconer, p. 36
- MN Thief River Falls KSRQ \*90.1 r, Cherry, p. 31
- MO Kirksville KLTE 107.9 ID with Centerville (IA)—Macon, Merrill, p. 22
- MO Montgomery City KMCR 103.9 ID with Herman (IA) and LMA with KLRX 104.3 Vandalia, Merrill, p. 23
- MO Perryville KBDZ 93.1 Stereo, "B-93.1," Merrill, p. 23
- MT Livingston KYBS 97.5 k, Merrill, p. 24
- NE McCook KZMC 105.3 rp, Hawk, p. 27
- NE Ogallala KOGA-FM 99.7 Music 99 (from "Light Hits 99"), Hawk, p. 27
- NM Roswell KSFX 100.5 FX-100, but is it stereo? Pizzi, p. 41
- OH Barnesville WBNV 93.5 stereo? "More Station News," p. 32
- OH Harrison WMLT 104.3 ID with Cincinnati, Strobel, p. 34
- OH Oberlin WBOC \*91.5 rp, Nieman, p. 29
- OH Troy WTRJ 96.9 stereo, oldies, Strobel, p. 34
- PA Pittsburgh WVTY 96.1 "Variety 96," Hall, p. 32
- SD Rapid City KIDN 104.1 (not to be on 104.3) k, "Station News," p. 28
- TN Carthage WUCZ 102.3 Z-102.3, Smith, p. 42
- TN McKinnon WTWL 101.5—is it stereo? Smith, p. 42
- TX Corpus Christi KBXR 93.9 r, Strobel, p. 34
- TX Lufkin KSWP \*91.1 has stereo, Strobel, p. 40
- TX Odessa KODM 97.9 Star 98, Sittel, p. 40
- TX Pasadena KJIC \*88.1 still mono, Strobel, p. 34
- PQ Mirabel CJLA 104.9 Radio Fusion, Nieman, p. 29





## Television News

Doug Smith, Editor  
14 Brookside Court  
Hawthorne, NJ 07030  
(815) 366-8305 CIS 72777, 3143  
WSNI @ W4HHV, TN



**ABBREVIATIONS USED IN THIS COLUMN:**

ERP= Effective Radiated Power, in kw  
HAAT=Height Above Average Terrain, in meters  
nc= No change  
TL= Transmitter Location  
\*= Non-commercial

**APPLICATIONS FOR NEW TV STATIONS**

St	Ch	ERP	HAAT	City
AK	9	316	238	Anchorage*
CT	18	3300	369	Hartford
DC	4	100	214	Washington
FL	46	2385	277	Panama City
LA	54	1000	273	Slidell
MT	18	2684	598	Butte
MT	18	2712	595	Butte
ON	21+	207.6	171	Orillia (TL: 44°52'06"N, 79°35'30"W)
OR	46	9.82	109	Roseburg (prop. satellite of KMTR-16)
TX	18	1187	160	Farwell
WV	59	70.89	430	Lewisburg

**CONSTRUCTION PERMITS FOR NEW STATIONS**

St	Ch	ERP	HAAT	City
AZ	61	5000	511	Phoenix
CA	54	5000	366	Avalon
CA	29	1451	511	Eureka (reinstated)
HI	21	125	113	Wailuku (LeSea, relig.)
IA	36	5.5	85	Davenport*
ID	9	155	834	Caldwell
ID	26	12.2	465	Coeur d'Alene* (St. Board of Educ., KAID-4)
IL	44	4260	433	Chicago (Replaces revoked WSNS-TV)
LA	11	316	572	Columbia
LA	20	5000	290	New Orleans
MO	32	5000	322	Kansas City
MT	10	5	223	Helena (KFBB Corp., probably satellite of KFBB-5 Great Falls)
NM	50	1439	1266	Albuquerque
TX	10	316	352	Del Rio
WI	52	2500	233	Mayville (reinstated)
WY	10	170	160	Riverton

**APPLICATIONS TO MODIFY CONSTRUCTION PERMITS**

St	Ch	ERP	HAAT	Call	City
AZ	13	1	542	KKTM	Flagstaff
CO	50	2498	233	KCEC	Denver
CO	22	nc	247	K---	Fort Collins
IN	69	10.5	167	WTBU	Indianapolis
ME	35	500	258	WWLA	Lewiston
NC	14	1200	193	WYDO	Greenville
NJ	63	1510	223	WMBC-TV	Newton
PA	53	12.2	222	WILF	Williamsport
TX	29	4070	153	KMPX	Decatur
TX	61	2740	552	KZJL	Houston
UT	12	9.8	42	KUSG	St. George

**CONSTRUCTION PERMIT MODIFICATIONS GRANTED**

St	Ch	ERP	HAAT	Call	City
AL	34	1120	142	WDAU	Ozark
CA	61	2500	811	KKAK	Porterville
FL	58	490	49	WAWD	Fort Walton Beach
FL	53	1493	262	WGFL	High Springs
FL	22	5000	62	WEYS	Key West
IA	36	6.82	65	KQCT	Davenport
NE	17	217.3	86	KTVG	Grand Island
OR	34	3070	259	KEVU	Eugene
PA	53	12.2	222	WILF	Williamsport
SC	36	147	233	WCTP	Charleston
TN	50	4508	239	WPGD	Hendersonville
VA	14	2880	173	WTMW	Arlington
WI	48	60	98	WEUX	Chippewa Falls

**APPLICATIONS TO CHANGE EXISTING STATIONS**

St	Ch	ERP	HAAT	Call	City
CA	11	79.4	833	KNTV	San Jose
IA	15	2213	363	KOIA-TV	Ottumwa
MA	57	1465	306	WGBY-TV	Springfield
MD	13	316	289	WJZ-TV	Baltimore
MD	62	3365	138	WFPT	Frederick
MI	17	1290	334	WXMI	Grand Rapids
MN	10	316	301	WDIO-TV	Duluth
MS	29	922.9	598	WMPN-TV	Jackson
NC	25	1256	351	WUNK-TV	Greenville
NC	47	12.3	97	WFXB	Rocky Mount
NE	19	767	342	KXNE-TV	Norfolk
NJ	68	2630	439	WHSE	Newark
OH	53	3250	207	WWAT	Chilli-cothe
OH	6	79	322	WSYX	Columbus
OH	43	4680	336	WUAB	Lorain

**CHANGES GRANTED TO EXISTING STATIONS**

St	Ch	ERP	HAAT	Call	City
AL	43	4710	295	WGIQ	Louisville (TL: 31°43'05"N, 85°25'03"W) (was 708kW)
AR	51	79.4	145	KFAA	Rogers (what was the old ERP??)

**CHANGES GRANTED TO EXISTING STATIONS (Cont'd.)**

St	Ch	ERP	HAAT	Call	City
AZ	13	302	622	KOLD-TV	Tucson (TL: 32°14'56"N, 111°06'58"W) (roughly 42km WSW of old TL)
CO	53	nc	193	KWHD	Castle Rock (as-built change)
CO	50	2498	233	KCEC	Denver (TL: 39°43'59"N, 105°14'12") (Lookout Mtn., where other Denver stns. are) (Probably as-built change)
FL	46	3192	309	WNPL-TV	Naples (TL: 26°25'22"N, 81°37'49"W) (Esterio, Fla.) (as-built change)
HI	20	467	622	KHAI-TV	Honolulu (TL: 21°23'51"N, 158°06'01"W) (was 537kW, -48m)
KS	38	4744	330	KMCI	Lawrence
LA	29	2507	394	KVHP	Lake Charles (TL: 30°17'26"N, 93°34'35") (10km NW of Edgerly) (was 747.6kW, 136m)
ME	13	100	134	WMED-TV	Calais (was 211kW, 138m)
MN	29	5000	nc	KITN-TV	Minneapolis
MO	5	nc	344	KCTV	Kansas City (HAAT was 357m)
MS	30	1600	nc	WGBC	Meridian (was 89.1kW!)
NC	42	2750	390	WTVI	Charlotte (TL: 35°17'14"N, 80°41'45"W) (Caldwell & Back Creek Church Rds.) (was 1393kW, 152m)
NC	17	2139	551	WUNE-TV	Linville (was 918kW, 477m)
OK	5	nc	464	KOCO-TV	Okla. City (was 478m)
PR	12	275	665	WOLE-TV	Aguadilla (TL: 18°09'00"N, 66°59'00"W) (was 316kW, 165m)
PR	44	250	372	WVEO	Aguadilla (was 993kW, 377m)
PR	22	1550	620	WNJX-TV	Mayaguez (TL: 18°09'05"N, 66°59'20"W) (Near Maricao)
PR	6	58.9	825	WIPR-TV	San Juan (was 53.7kW, 886m)
TX	49	nc	365	KHSX	Irving (was 309m)
UT	14	1637	1173	KXIV	S.L. City (was 15kW, -191m. Not a LPTV anymore!)
VT	33	1337	815	WETK	Burlington (was 1000kW, 20m. Bill says OSHA didn't approve!)
VT	28	274	429	WVER	Rutland (Probably as-built changes)
WA	5	nc	348	KING-TV	Seattle (was 255m)

**NEW STATIONS ON THE AIR**

St	Ch	Call	City
Jacksonville, FL:	WJEB-TV	59z	5/29/91:
4966kW, 289m HAAT/284m AG/29 ASL.			
TL 30°16'34"N, 81°33'53"W			
TBN affil.			

**NEW STATIONS ON THE AIR (Cont'd.)**

St	Ch	Call	City
St. Petersburg, FL:	WTTA	38z:	
5/21/91:			
1397kW, 438/435/458m			
TL unknown			
Independent			
Augusta, GA:	WFXG	54-:	5/23/91:
2491kW, 385/343/465m			
TL 33°25'00"N, 81°50'06"W			
(Pine Log Rd., Aiken Co. SC, where other Augusta stns. are)			
Fox affil.			

St	Ch	Call	City
Baton Rouge, LA:	WGMB	44+:	8/11/91:
5000kW, 502/499/503m			
TL 30°19'35"N, 91°16'36"W			
(3km W of hwy. 1 and 1148, nr. Addis)			
Fox affil.			
(This is further info on one reported last month.)			

St	Ch	Call	City
Coos Bay, OR:	KMTZ	23+:	7/8/91:
14.79kW, 155/21/283m			
TL 43°23'26"N, 126°07'47"W			
(Noah Butte, 7.7km ENE)			
NBC affil., satellite of KMTR-16.			

St	Ch	Call	City
Huron, SD:	KTTM	12+:	8/31/91:
275kW, 259/253/654m			
TL 44°11'39"N, 98°19'05"W			
Fox affil., satellite of KTTW-17.			

St	Ch	Call	City
Eagle Pass, TX:	KVAW	16+:	6/15/91:
12.7kW, 85/76/324m			
TL 28°43'32"N, 100°28'35"W			
Telemundo (Spanish) affil.			

St	Ch	Call	City
El Paso, TX:	KJLF-TV	65z:	6/22/91:
1000kW, 443/53/1800m			
TL 31°48'55"N, 106°29'17"W			
(KCIK-14 tower)			
Independent.			

**CALLS APPLIED FOR BY NEW STATIONS**

St	Ch	Call	City
IA	36	KQCT	Davenport
ID	9	KTMW	Caldwell
ID	26	KCDT	Coeur d'Alene
NC	47	WRMY-TV	Rocky Mount (was WFXB)
NY	55	WNSI	Amsterdam (was WOCD)
PR	18	WSJU	San Juan
WI	52	WRRS-TV	Mayville
WY	10	KFNE	Riverton

**CALL LETTERS ASSIGNED TO NEW STATIONS**

St	Ch	Call	City
CA	7	KLXO	El Centro
CA	32	KMTP-TV	San Francisco (This is the station that replaces revoked KQEC)
IA	36	KQCT	Davenport*
MI	43	WJUE	Battle Creek (was WYYC)

## CALL LETTERS ASSIGNED TO NEW STATIONS (Cont'd.)

St	Ch	Call	City
NC	47	WRMY	Rocky Mount (was WFXB)
NM	50	KBQE	Albuquerque
TX	48	KMZS	McAllen (was KNVO)
WI	68	WMMF-TV	Fond du Lac

## NEW CALLS APPLIED FOR BY EXISTING STATIONS

St	Ch	New	Old	City
AZ	13	KSXT	KYEL-TV	Yuma

## NEW CALLS ASSIGNED TO EXISTING STATIONS

St	Ch	New	Old	City
CA	15	KPBS	KPBS-TV	San Diego
CA	38	KCNS	KWBB	San Francisco
CO	50	KCEC	KSHF	Denver
MS	27	WLOV-TV	WVSB-TV	West Point
OK	41	KTFD	KGCT	Tulsa
SD	12	KTTM	KIID-TV	Huron

## CONSTRUCTION PERMITS CANCELLED/RETURNED/ETC.

Ch	Call	St	City
29	KZJA	CA	Eureka
32	KPCS	CO	Pueblo
64	WTNK	FL	Destin
13	WETV	FL	Key West
16	WFET	FL	Marathon
29	WYIM	FL	Ocala
50	WHPI	KY	Ashland
61	WROZ	KY	Owensboro
38	WGTV	NC	Greenville
35	WJAE	NC	Jacksonville
25	KDIR-TV	NM	Carlsbad
36	KFXI-TV	SD	Sioux Falls
41	WYDL	TN	Union City
13	KWIY	TX	Brady
16	KIPC	TX	Lubbock
36	KZJF	TX	Paris
31	KZJI	TX	Victoria
65	WYDD	VA	Blacksburg
52	WQRS	WI	Mayville

## STATIONS OFF THE AIR

Ch	Call	St	City
45	WMHX	NY	Schenectady

(this had failed as independent WUSV, and was donated to WMHT-17. Apparently it didn't work for them either!)

## STATIONS BACK ON THE AIR

Ch	Call	St	City
41	KXLI	MN	St. Cloud

## NETWORK AFFILIATION CHANGES

Call	Ch	Old	New	St	City
KYMA	11	ABC	NBC	AZ	Yuma
KYEL-TV	13	NBC	ABC	AZ	Yuma

## OTHER STUFF

The Hartford, CT application above is mutually exclusive with the renewal of WHCT-TV, but WHCT is dark & rumored to be liquidating their equipment, so they may not object. The application for Washington, DC is mutually exclusive with WRC-TV.

Local LPTV W10BI made a brief reappearance in early October—they were on for about 10 days as "Your Classic Rock/Golden Oldies Station". (two different ID slides) Audio was continuous oldies music. They vanished again around the 8th. This one had relayed WJFB-66, now dark.

## FORUM

Bill Fahber forwarded a bunch of previous correspondence, and I've received a few letters myself, leaving a bunch of stuff to catch up on:

### Frank Aden Jr., Boise ID:

"Regarding to the changes for KAID in your Dec. column. The increase in power is correct per FCC listings, as for them moving to a new tower, that is incorrect. ... changes in coord. & HAAT are due to new readings taken for the site using new maps and altitude measurements. 5.9 mile north of the site would put them on the down side (opposite of Boise valley), out of transmission range to most of the Boise valley."

I seem to be seeing a fair number of these coordinate corrections, although many of them are for AMs.

### Ken Onyschuk, Riverdale IL:

Ken wrote reporting WJYS-62 on the air approximately 3/4/91. Transmitter is in Tinley Park, Ill., about 15 miles/24km west of Hammond.

"Unfortunately it's another HSN affiliate. But I'm confused; the long distance # shown on channel 62 is 1-800-284-3400; the HSN # for channel 60 is 1-800-284-3200, WEHS-TV." [WEHS Aurora, Ill.] "Stn. IDs as Ch. 62 WJYS Hammond-Chicago".

HSC has two networks. My understanding is that the Home Shopping Club is carried by their owned-and-operated stations (of which WEHS-60 is one), and the Home Shopping Spree is carried by affiliated stations owned by others. (WJYS-62 would be such a station) 284-3400 is the number for the Home Shopping Spree, as confirmed by checking my local LPTV; 284-3200 is probably the number for the other network.

### Robert Baker, Humboldt IA:

Regarding the reduction of KIIN-12 Iowa City's antenna height, in the 2/91 VUD:

"This was probably part of transmitter and antenna replacement (old equipment was 20-plus years old) in fall 1990. KIIN now has stereo and SAP, although they were delayed until about 2/1/91 because Iowa PTV and AT&T could not get digital stereo & SAP from Des Moines to Iowa City on existing microwave equipment."

I have three letters from

### Ben Wikie, York ME:

who mentions a VJN station, "WAV-TV" on channel 33 in Boston. This is almost certainly a LPTV, probably W33AV. Ben says it's "almost as good as WSBK-38 or WLVI-56"; my guess is that they're fairly high power (LPTVs on UHF are authorized up to 1kW transmitter power, which can provide ERPs of 50kw or more) and have a transmitter location north of Boston. (the Boston antenna farm is west of the city, in the Newton area just west of Route 128) There is no channel 33 allocation to Boston, nor is there likely to be one in the future due to the presence of WSBK-38; full power stations in the same city are not usually allocated less than 6 channels apart.

Regarding WHRC-46, they've been off for several months; Bill says they went dark on 9/21/89.

Ben also reports that WMFP-62 is now a Channel America affiliate. (the first full-power CHA I'm aware of— are there more? Guess I need to record an ID off the bird; I've been using CHA to calibrate a new dish at work...) He says the hourly ID is also listing a channel 57 in Portland, ME, but he isn't seeing it. Ben does report a channel 24 translator of WCBB-10 Augusta. WOCD-55 Amsterdam NY is also reported as being CHA.

Regarding WHCT-18 Hartford going dark, Bill confirms this, and reports on Compuserve indicate that WHCT's equipment is being liquidated— don't expect this one back anytime soon..

"Have you any idea why Fox 33 in Utica N.Y. would relay their signal on channel 11?, seems strange to me. I was travelling across New York a couple of weeks ago and saw it." Two possibilities I can think of. If I remember properly, Utica is a fairly hilly city; maybe a translator on channel 11 was installed to fill in the shadowed area where channel

reception isn't very good. Alternatively, it could be a cable leak— I just spent a weekend in Little Rock, Ark., and DXing VHF with my pocket TV was essentially impossible, as CATV leaks filled the VHF band. Luckily, UHF and FM were a lot cleaner...

Finally, Ben asks about a TBN on 18 to the southwest, speculating that it's in southern New Hampshire. Seems reasonable to me, I'm kinda short on LPTV info. He also mentions seeing the new TBN in Albany, NY on channel 64.

### Tom Bryant, Nashville TN:

"W68CG has already gone through some changes. About three weeks after signing on with HSN and simulcasting HSN with W12BV and W24AE; the owners changed the programming to VJN, and 68 now simulcasts with W59AW. ID's show a very large 59 on the left center, and a smaller 68 to the right." "The ownership of the two channels is different, but the 68 people made a deal with the VJN folks at 59 to provide programming." This was mailed in February. W59AW is now dark, and W68CG is alone with VJN programming. Interestingly, W59AW was mono but W68CG was (and still is) stereo. The ID is now for W68CG alone.

"Also, WKRN-2 has changed signoff hours again. Due to contractual re-alignment with CNN, WKRN is only allowed to carry that service 2 hours per night, and has elected to do so between 4 and 6 AM Mon-Sat., and 4:30 to 6:30AM on Sunday..."

### A wealth of information from Mike Reid, North York ON:

"W26AT, Williamsport PA is with WYOU-22, not WVIA-44. WVIA gave up the CP and WYOU picked it up."

"W26AL Marietta, OH: currently 100w TPO, hopes to go to 1kw by the end of this year. Programming is local and TBN."

W05BE Jeffersonville, IN (Louisville, KY) is owned by Brightness Ministries. "They hope to get W08CT, New Albany [also a Louisville suburb] on by the end of February. After that they hope to get W26AS, Clarksville IN, on after W08CT."

Mike reports WTJC-26 as having switched to Home Shopping as of 12/1/90. I can confirm that as I received WTJC back on Jan. 1. Mike says they're still owned by the same religious outfit (although I seem to remember



reading about an ownership transfer in *Broadcasting*) and still run some religious programming on Sunday afternoons.

Regarding the channel 21 application in Orillia, "Baton seems to think that Toronto people miss CFTO-9 when they go on vacation. CKCO-TV, a fellow CTV affiliate, may not like this either, as it will have a large overlap with the [CKCO] Huntsville and Wiarton rebroadcasters."

W51AN (TBN Olean, NY) is now W22AZ. (10kW ERP, per WBF)

KSBI-52 Oklahoma City is on, but only from 7-10PM Central time.

WIVB-4 Buffalo still on channel 4-. They were supposed to move (to what offset?) due to a drop-in at Utica, but probably won't have to until the new Utica station starts up. (I wasn't aware of a channel 4 dropin at Utica!)

Mike also has more information on the cutbacks at the CBC:

"... There have been no transmitters shut down. Service has been severely reduced at Corner Brook, NF; Sydney, NS; Rimouski, PQ; Sept-Îles, PQ; Windsor, ON; Saskatoon, SK; Calgary, AB; and CBLT, Toronto. Closed completely are Goose Bay, NF; Matane, PQ; and CBLFT, Toronto. Some lists put CBLFT in the 'severely reduced' category. I think the 'severely reduced' stations still have local crews to feed news items to some other station. The 'closed completely' group seem to have become rebroadcasters of some other station. ...CBLFT-25 now repeats CBOFT-9 - CBLFT carries the signon, signoff, IDs and ads of CBOFT."

Finally, in an article from the Jan. 21 *Florida Times-Union*, "The Star Television Network, which featured serials such as *My Little Margie* and *The Rebel*, has gone out of business... Star launched with 10 affiliates reaching 9 million households nationwide when it had hoped to have 20 affiliates reaching 16 million households."

Jeff Kruszka, Harahan LA:

Jeff mentions that the E. Washington State *TV Guide* shows Fox stations "KCY"-53 Yakima and "KBW"-66 Tri-Cities (Richland - Pasco - Kennewick) are on the air. These are almost certainly actually LPTVs, K53CY and K66BW respectively. Also, "per the David Letterman show, there is a new NBC affiliate in Nacogdoches, TX - KLSB

(satellite of KETK Jacksonville); channel not mentioned. I show a CP for channel 19 in Nacogdoches, that's be my guess.

Ronald Purdue, Byron MN:

"... KXLT-47 in Rochester is once again off the air! I do not know why? My best guess is that KXLT is installing a new xmtr to broadcast in stereo, if KXLT does not return, I'll let you know." Ronald says KXLI-41 is now in stereo, but has reduced its hours of operation, duplicating KTMA-23.

"There is still no sign of WEUX-48 nor have I heard of anything more on the status of KVBM-45.. I haven't seen any recent changes on KVBM or KXLT.

KITN-29 is now in stereo with 5000kW. Ronald mentions a considerable improvement in their signal in Rochester.

John Combs, Tallahassee FL:

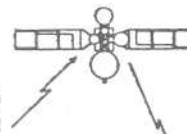
John sends along two articles from the *Orlando Sentinel*. One concerns the channel swap of WKCF-68 and WRES-18; "The change is scheduled for mid-October...". WKCF will go from 2600kW to 5000kW, and will relocate its tower from Orange City (near WESH-2's tower, about midway between Orlando and Daytona Beach) to Bithlo. (where most of the Orlando TV towers are, about 30km east of Orlando)

"WKCF has agreed to pay WRES \$1 million for a new transmitter and \$240,000 to cover operating costs for two years... The station's (WRES) transmission will go from 1,000 watts to 60,000 watts." (presumably transmitter output)

John also sent along a Reuters clipping regarding the integration of the old East German television into the system of unified Germany; will excerpt that one next time.

I've also received letters from Matt Sittel and Dennis Park Smith; you'll be in next month!

73 Doug



George W. Jensen  
4604 Anntani Avenue  
Baltimore, MD 21206-4220

## SATELLITE NEWS

Greetings again. Because of major surgery the last few columns had been prepared a little in advance. As a result there follows a lengthy list of additions, subtractions, etc.

Satcom 5 - Aurora 2 - OMIT NBC feed on XPDR 7

Satcom C1

Add the following

2 - KUSA - Denver Colorado VC 2  
4 - KCNC - Denver Colorado VC2 16 - Cal-Span noted here  
6 - KMGH - Denver Colorado VC2  
12 - KRMA - Denver Colorado VC2  
14 - KWGN - Denver Colorado VC2  
8 AND 9 - NBC feeds

Galaxy 1

1 - Comedy Central - VC2 - planned  
13 - CMTV - Country Music Television VC2 planned

Satcom F1

8 - now called - QVC Fashion Channel  
24 - Omit RAI Italy via New York

Telstar 303

19 - believed to be SHOWTIME !! VC2

Spacenet

3, 5, 9 and 23 - PBS - no longer VC2  
15 - a radio talk show pumped up via a video signal  
17 - noted once - Furr's Satellite Network Mountain Time shown  
18 - Univision News and Feeds

Morelos 2

15 - someone using MAC  
17 - the college ETV that was on 8  
Increasingly active SCPC noted

Morelos 1

2 - Imevision - ch 13 ID logo now seen frequently here

ANIK D2

11 - OMIT- Weather Network to E2 C  
22 - OMIT - First Choice to E2-C  
23 - CBC World News Channel OMIT to E2-C

ANIK E2 - C-Band - the new menu complete

1 - Weather Network  
2 - The Sports Network - Oak/Orion  
4 - First Choice - VC2  
5 - Feeds  
6 - Much Music  
7 - CBC Newfoundland Feeds  
8 - CHCH - Hamilton, Ontario Oak/Orion  
9 - WDIV - Detroit, Michigan - Oak  
10 - WXYZ - Detroit, Michigan Oak  
11 - CBC North - Pacific/Yukon feeds  
12 - Global Network  
13 - Super Channel - Oak/  
14 - CFTM - Montreal, Quebec was OAK -  
15 - CBC french  
16 - CBC World News Channel - Oak  
17 - CBC Newfoundland/Labrador feeds  
18 - CITV - Edmonton, Alberta - Oak  
19 - CBC North - Atlantic



SATELLITE NEWS

20 - CBM - Montreal, Quebec  
21 - WTWS - Detroit, Michigan - Oak  
22 - CHAN - Vancouver, British Columbia - Oak  
23 - WJBK - Detroit, Michigan - Oak  
24 - CBC House of Commons Service

ANIK E2 - Ku Band  
8 - Music Plus  
10 - Radio Quebec TV  
11 - Feeds  
12 - Television Quatre Saisons  
14 - Super Ecran - VC2  
16 - Reseau de Sports VC2  
18 - TV Ontario - French  
20 - TV Ontario - English  
22 - Super Ecran VC2  
24 - Ontario Legislature  
26 - Y-TV  
28 - Family Channel VC2  
32 - Atlantic Satellite Network

Spacenet 4  
6 - ID Card also ID card on Ku side

Westar 4  
17 - World Harvest Television/WHME - ch. 46 South Bend, Ind.  
18 - ABC/NHK Tokyo feeds

Telstar 301  
ABC using Leitch encryption system

Galaxy 3  
12 - The Barker (for Pay-Per-View programs)  
23 - Comedy Central VC2 planned

Galaxy 6  
19 - Helen TV from St. Lucia here from XPDR 21  
same times EDT

Spacenet 3  
21 - QSO - Amateur Radio on Subcarrier

Telstar 302  
5, 9, and 21 VC2 are new testing service  
called HBO 2, HBO 3 and Cinemax 2

Satcom4  
12 - International Channel - VC2 - planned  
17 - Shop-At-Home  
24 - Infonet Channel of Home Shopping Club  
22 - Deep Dish - occasionally

Galaxy 2  
WHP lottery feed varies

Satcom 2  
OMIT 2, 4, 17, 18 and 22 - Denver stations to C1 as shown

Spacenet 2  
3 - WorldNet here from 21  
10 - Galavision Europe feed - Omit PAL format now NTSC



SATELLITE NEWS

PanAmSat

Ku  
move NKH primary service from 1 to 14  
4 - TVB - Belgrade, Yugoslavia in NTSC in evenings  
begins with English language newscast/Radio Belgrade  
local service is carried live on Subcarrier.

On the C side  
10 - HBO Ole - MAC - Spanish Latin American Service  
21 - Not necessarily Panamerican Television from Lima,  
but ID's as SUR - Channel of Channels and in the  
evenings carries newscasts from Televen Caracas,  
TV Nacional de Chile, Argentina and others in NTSC.  
Audio Subcarrier remains the same.

SCI-FI CHANNEL plans to commence soon possibly using  
Satcom 4 - but vacant XPDR on F3 would seem possible here.

America's Talk TV was to have debut in September, but be  
darned if I've seen it.

That's all for this time - see you in 30.  
73's

*Cheryl*

oops - just in - Turner Television plans an Animation  
Channel - details pending

# 1992 CONVENTION HOST NEEDED!

A VOLUNTEER IS NEEDED TO HOST WTFDA'S 1992 CONVENTION. IF YOU'VE EVER THOUGHT ABOUT HAVING THE CLUB'S ANNUAL GETTOGETHER IN YOUR HOME TOWN, NOW'S YOUR CHANCE TO OFFER YOUR SERVICES AS HOST. IF YOU WOULD LIKE TO HELP, WE NEED TO HEAR FROM YOU **IN WRITING**. A PHONE CALL, FAX, TELEGRAM, ETC. WON'T BE ACCEPTED--IF YOU ARE SERIOUSLY INTERESTED, A SIGNED NOTE OR LETTER FROM YOU, TO THE WTFDA BOARD OF DIRECTORS, IS REQUIRED. THE DEADLINE FOR BIDDING IS NOVEMBER 20. IF MORE THAN ONE BID IS RECEIVED, THE DECEMBER ISSUE WILL CONTAIN A BALLOT FOR A MEMBERSHIP VOTE TO CHOOSE THE WINNING SITE...AND IF ONLY A SINGLE BID IS RECEIVED BY DEADLINE, THAT BID WINS.

WTFDA BOARD OF DIRECTORS - P.O. BOX 514 - BUFFALO NY 14205-0514

# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NY 14221

For DXers in: MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada

## NOVEMBER 1991 DEADLINE: The 5th LOG CUTOFF: 2 months from when mailed

News in this month's column: Most considered September to be a very poor tropics month, the opposite of last year. The big news has been the late season e-skip opening on August 23 (with some on the 22nd too), which was heard by many. Also, the Perseids meteor shower was very active the afternoon of August 12, giving several DXers some new catches. Some tropo on August 25 as well. Plus, Mike Bugaj gives filter advice for Carver TX-11 owners. Let's hear from you next month!

### JERRY MONROE - 3135 FALLS ROAD - MARCELLUS, NEW YORK 13108

#### JUNE 1991 DX

8 Es  
1015 WAYJ 88.7 FL Ft. Myers, Rockin' Christian Radio in for over an hour

#### 13 Au

0050 WBBB 100.3 NC Winston-Salem, "Greatest hits of the 60s, 70s, 80s, and 90s", distorted to N

#### 13 TrS

0015 WKSZ 100.3 PA Media, with Kiss 100 ID  
0145 CIRO 99.7 PQ St. George de Beauce, mixing w/aurora, French Cajun Rock

#### 14 Tr

2300 CJBX 92.7 ON London, BX93, regrade k

#### 25 TrS

0405 WPKN 89.5 CT Bridgeport, "Listener Supported", 10 kw with progressive rock.

#### JULY 1991 DX

#### 12 Tr

0345 WHUG 101.7 NY Jamestown, "Huggin' Entry" Good signal, WSCP at low power, WECO off  
0400 CENX 101.7 ON Wingham, "Coast to Coast Network", and "Broadcast News" good signal  
0413 WENU 101.7 NY Hudson Falls, MOR station  
0430 WBAZ 101.7 NY Southold, calls, weak  
0435 WAVT 101.9 PA Pottsville, T-102, nonstop mx

#### 19 Es

Must have gone fishing, too bad!!

Sorry to have missed convention, big news here was arrival of Lucas Carl on 5-30-91 (Congratulations-gc), thus my availability of free time is greatly diminished. (Though getting up at 3AM to change diapers has allowed for some prime time DXing). In other news: 103.5 in Newark, NY puts in strong signal here of course it is downhill to their tower, rock and roll format (stereo), trying to get a piece of that market I guess. 101.5 in Homer (30 miles) away heard okay but not very strong, and they do not ID very often. Also, I have been playing with a low noise preamp after a bandpass filter for my car radio. Good results noted with the "MMIC" device. I can actually hear meteor pings on clear channels ("What will be next?" says my wife) Besides that, everything else is okay: still looking for that big great lakes trop opening sometime soon. Best 73's, Jerry

### MARK STRICKERT - 3852 N. OCONTO - CHICAGO, ILLINOIS 60634

August 26: 89.3, WNUR had a rare silent period, caught WDLM East Moline, Illinois, WGNB Zeeland, MI and WPNE Green Bay WI. WDLM fm and WGNB both Moody Bible Stations, but both were local at the time, not // WMBI or WMBI fm, though WGNB was simulcasting WGNR Grand Rapids MI. WPNE sounded like they were coming out of NPR "Morning Edition" with typical Wisc. Public Radio-type legal ID time. Oddly, no sign of WKKC (sign on after 8am perhaps?).

90.5 dominated by WNIJ Rockford IL since their late April sign on. Former regular WKAR East Lansing has also had problems here from WPHN Gaylord (religion). WNIJ runs NPR news shows, jazz, and BBC news late evenings. Shares a nice new facility with WNIU 89.5 on the Northern Illinois University Campus in DeKalb, at 801 First St., just north of WLBK/WDEK and a few blocks south of WDKB, all most convenient.

(Correction from last month: Mark's "Radio Central" is available for \$5.00-gc)

#### AUGUST 1991 DX

#### 18 Tr

0620 CFLG 104.5 ON Cornwall, EZ 104.5 WEFM phased out, Hurricane Bob moving up east coast  
0700 WNMB 100.1 MA N. Adams, easy listening

#### 24 Tr

0800 WIZN 106.7 VT Vergennes, very strong all morning, had them on car radio when I went down the hill to the mall!!

#### 29 Tr

0640 WWWW 106.7 MI Detroit, W4 country

#### SEPTEMBER 1991 DX

#### 5 Tr

0200 WNYE 91.5 NY New York, "Non stop Carribean mx and African music", calls  
0210 WFUV 90.7 NY New York, heard easily after CBOF open carrier phased out  
0220 WSLU 90.9 NY Malone 200 w // WSLU 89.5  
0300 WBUR 90.9 MA Boston, 7.2 kw, CNN news and big band music  
0310 WMHR xtr 90.9 towards Rochester "how many do they need and where is it" (Jerry, there are in Lima, New York-gc)  
90.9 is very, very quiet here these days!!

### KDAL610AM

### 96LITE FM

425 West Superior St. Duluth, MN 55802, (218) 722-4321

# NORTHERN FM DX

NOVEMBER 1991

JIM RENFREW - 61 WILCOX STREET - ROCHESTER, NEW YORK 14607-3832

#### JULY 30 TrS

1456 CITE? 107.3 PQ Montreal, short French burst under WCKC and WDBA

#### AUGUST 1991 DX

#### 1 Tr

1606 WMXE 103.7 PA Erie, Mix 103 IDs

#### August 9 Tr

1020 WNJA 89.7 NY Jamestown, // WNED 94.5 WITR off the air

#### 12 MS

While driving in Brockville, ON lots of unID bursts during meteor shower peak.

Note re 7/2 report: KCRB Bemidji confirmed by station, 91.1 KCCM Moorhead MN also confirmed, as KSJN St. Paul is MPR music not MPR talk, according to MPR guide from KCRB

### DAVID BRUMFIELD - 1618 CHESTER BLVD - RICHMOND, INDIANA 47374

Equipment: Akai ATV04 (mod w/150 filters), Winegard antenna at 35 feet

#### JULY 1991 DX

#### 1 Es

1300-1417 FL with many frequencies in  
1312 WBGF 93.5 FL Belle Glade  
1342 WRGI 93.5 FL Naples, m, G-93  
1350 WAYJ 88.7 FL Fort Myers, g#  
1417 WMCU 89.7 FL Miami, g#

#### 3 Tr

0042 WLQI 97.7 IN Rensselaer, r, Q-98  
0830 WLUJ 97.7 IL Petersburg  
0848 WHRZ 97.7 KY Providence (WOXY, WTGN, WSDM broadcasting as usual)

#### 5 Es

0845 KHOY 88.1 TX Laredo, m#, Spanish

#### 8 Tr

0022 WDVV 102.5 PA Pittsburg, Here in Greentree (WMDH off the air)

#### 8 Es

1056-1435 TX, NM, OK  
1056 KQIP 96.9 TX Odessa-Midland, ro, 92 Gold

1100 KMTH 98.7 NM Maljamar, \$

1131 KRLBt 99.5 TX Lubbock, r#, B99

1133 KTXt 88.1 TX Lubbock, c#

1140 KNFMt 92.3 NM Portales, The Basin

1145 KENW 89.5 NM Portales, \$

1200 KJAK 92.7 TX Slaton, \$ "100-k"

1203 KBML 94.9 NM Roswell

1205 KBSTt 95.3 TX Big Spring

1208 KVRP 95.5 TX Haskell-Abilene

1215 KXXK 105.5 OK Chichoska, tx\$

1217 KCHX 106.7 TX Midland-Odessa, Foxy 106

1220 KYMI 107.9 TX Los Ybanez, r\$

1223 KCRS 103.3 TX Midland-Odessa, k\$

1242 KKHR 98.1 TX Anson-Austin, ro

1245 KTLCT 99.7 TX Tye, Abilene 99 FM, \$

1246 KORQ 100.7 TX Abilene, The Q-Line

1312 KZPY 106.3 NM Los Lunas, k or r

1314 KSEM 106.3 TX Seminole, k

1332 KRPT 103.7 OK Anadarko, k

1352 KTXt 88.1 TX Lubbock, r

(Many unID in opening)

#### 18 Es

0924 KENW 89.5 NM Portales, \$

0947 KWBI 91.1 CO Morrison-Denver, g\$

Colorado Christian University

1000 KSYT 95.7 CO Denver

1053 KBKO 97.3 CO Boulder, r\$

1104 muf 107.9

1129 KYCS 95.1 WY Rock Springs, Green R

2026-2041 unID 90.1 SS\$

#### JULY 19 E-skip

1200 unID 88.1 news, g#, SS  
1212 KSTX 89.1 TX San Antonio, nx\$  
1643 WCMQ 92.3 FL Hialeah-Miami, SS\$  
1757 WNGS 92.1 FL W. Palm Beach j\$, Lite 92  
1805 WZZR 92.7 FL Stuart, Z93, r\$  
1932 WAOA 107.1 FL Melbourne, s\$, 107 AIA  
1935 WQBA 107.5 FL Miami, ads, Super Coo  
1938 ??? 104.5 BAHAMAS Nassau, \$

#### 22 Es

0823-0829 unid 88.1 Spanish

#### 25 GW

1024 WTRJ 96.9 OH Troy, ro\$

#### 25 Tr

2153 WWWQ 102.3 KY Glasgow, All Hit Q105

#### 30 Es

1241 WCTQ 92.1 FL Venice, \$  
1243 WOLZ 95.3 FL Fort Myers-Cape Coral, \$  
1252 unID 107.7 CU, I, reggae EE, SS  
"Cuban Cultural Fund", "Cuba", SS also noted on 88.9 m, 92.1 fl tx, 95.1 c tx, 98.1 r1 tx, 98.7 j1, 100.7, and 102.9 l tx  
1255 WOZN 98.7 FL Key West, ro\$, classic r  
1302 WJIS 88.1 FL Bradenton, g\$, Joy FM  
1304 WIIS 107.1 FL Key West, rm\$  
1400 WKRY 93.5 FL Key West, r\$, Key 93

#### 31 Es

1459 WQCS 88.9 FL Ft. Pierce, c\$  
1502 WNGS 92.1 FL W. Palm Beach, Thunderstorm (Note-In at same time WDJT mentioning 'West Palm Beach' in NPR nx!)  
1504 WAFG 90.3 FL Ft. Lauderdale, \$  
1505 WCMQ 92.3 FL Hialeah-Miami, SS\$  
1517 WZZR 92.7 FL Stuart, \$  
1518 WTMI 93.1 FL Miami, c\$  
1520 WOLL 94.3 FL Riviera Beach-Boca Ration, "Oldies 94.3", ro, ph#  
1530 WKGRt 98.7 FL Fort Pierce "The Gator" new non ID (yes-gc)

1532 WLRQ 99.3 FL Cocoa, Lite Rock 99.3 FM

1538 WHYI 100.7 FL Ft. Lauderdale, Y100

1539 WHLG 102.3 FL Jensen Beach, \$

1541 ??? 104.5 BAH Nassau\$

Giving Birthday greetings

1544 WWUST 104.7 FL Big Pine Key, ads

1550 WQBA 107.5 FL Miami, SS

1558 WIRK 107.9 FL W. Palm Beach, k\$

1645 WMGF 107.7 FL Mt. Dora-Magic, \$

1646 WJQY 106.7 FL Ft. Lauderdale, Joy 107

1706 WJXR 92.1 FL Maccleny, on GE

Superradio with whip



## DAVID BRUMFIELD'S REPORT CONTINUED

## July 31 Es cont

1721 WXXL 106.7 FL Leesburg, XL 106.7  
**AUGUST 1991 DX**  
 8 GW  
 0151 WCEZ 107.9 OH Delaware, m\$  
 8 Tr  
 0951 WFTM 95.9 KY Maysville, k, mono  
 1017 WRMX 96.3 TN Mufreesboro, Oldies 96.3  
 13 GW  
 2240 WNLT 104.3 OH Harrison, g\$, Testing  
 14 MS  
 047? KANU 91.5 KS Lawrence, j

# WJLK 94.7

## GUS MANCUSO - 5615 INWOOD ST - CHEVERLY, MARYLAND 20785

DXing from Atlantic City, New Jersey. Equipment: Pioneer SX-40 and Radio Shack plain rabbit ears. Did not use Radio Shack DX440 due to its imaging problems. Stayed on 20th Floor of Claridge, to NE

## SEPTEMBER 1991 DX

10 Tr-TrS  
 1614 WXPB 88.5 PA Philadelphia, ex 88.9  
 1630 WVIL 98.7 NJ Vilas, new since  
 last trip here in 1989, \$  
 1642 WJFM 89.1 NJ Trenton  
 1655 WRJU 90.3 RI Kingston  
 1656 WJJB 90.5 NJ Lincroft  
 1659 WFMU 91.1 NJ E. Orange  
 Nothing new found between 91.3 and 96.1, but...  
 1708 WNTX 96.3 MA Nantucket, in full stereo,  
 did everything with rabbit ears except wear on  
 head but still couldn't pull in WQXR (Sounds like  
 what WNTX did to me at Ocean City MD-gc)  
 1709 WCTK 98.1 MA New Bedford, no WOGL \$  
 1710 WPLM 99.1 MA Plymouth, no WAWZ  
 1712 WQRC 99.9 MA Barnstable, \$  
 1714 WOTB 100.3 RI Middletown, \$, over  
 Philadelphia and New York  
 1724 WFAL 101.1 MA Falmouth, same  
 1731 WKCI 101.3 CT Hamden  
 1740 WBAZ 101.7 NY Southold  
 1741 WCIB 101.9 MA Falmouth, \$, o/WQCD  
 1747 WPXC 102.9 MA Hyannis  
 1750 WFME xtr on 88.9? Any suggestions?  
 (Gus, this is full powered WFRS Smithown-gc)  
 1800 WKCR 89.9 NY New York  
 1810 WIOF 104.1 CT Waterbury  
 1811 WKPE 104.7 MA Orleans  
 (WENT TO DINNER)  
 PIPELINE TO NEW ENGLAND WEAKER NOW  
 1953 WQSR 105.7 MA Catonsville  
 1954 WMXN 105.3 VA Norfolk  
 1956 WHCN 105.9 CT Hartford  
 1957 WBLI 106.1 NY Patchogue  
 1957 WMJX 106.7 MA Boston, longest catch  
 2000 WWHB 107.1 NY Hampton

## August 23 Es

1730 KNLE 88.1 TX Round Rock-Austin, g\$  
 1741 KSRK 92.9 TX San Antonio, r, new calls  
 1755 KTXN 107.5 TX San Antonio, \$, SS-EEMx  
 1806 KGSR 107.1 TX Bastrop-Austin  
 1805 KWHI 106.3 TX Brenham  
 1807 KMIQ 105.1 TX Robstown, sr\$ Magic 105  
 1808 KIXS 107.9 TX Victoria, Kicks 108, \$  
 1816 KQUE 102.9 TX Houston, \$  
 1819 KLOL 101.1 TX Houston  
 1821 KMKS 102.5 TX Bay City, \$, TV nx simul  
 1825 KBFM 104.1 TX Edinburg, \$, B-104  
 1826 KHCB 105.7 TX Houston  
 1830 KBOR 106.3 TX Mercedes-McAllen, \$  
 1831 KCGR 105.5 TX Portland-Corpus Christi  
 Victory 105  
 24 Tr  
 0807 WGSJ 91.1 IL Loves Park-Rockford, g

2015 WNSR 105.1 NY New York  
 2017 WCMS 100.5 VA Norfolk  
 2019 WSKR 102.7 NJ Petersburg, new station,  
 all sports and sports talk, NOT stereo  
 2020 WYNY 103.5 NY New York, first adjacent  
 scored here  
 2030 WFCC 107.5 MA Chatham  
 2036 WWLJ 105.1 RI Providence  
 2059 WNYE 91.5 NY New York  
 2100 WMGX 88.9 NJ Long Branch, blocked  
 by old WXPB frequency  
 2101 WRSU 88.7 NJ New Brunswick (Rutgers)  
 2122 WSOU 89.5 NY South Orange  
 2126 WXTB 104.1 MD Waldorf  
 2144 WHFM 95.3 NY Southampton, another  
 adjacent, bless those filters  
 2150 WMYA 96.1 VA Cape Charles  
 2155 WCEL 96.7 MD Easton, adj #3  
 2205 WAWZ 99.1 NJ Zarepath, adj #4 if  
 suburban Pleasantville included  
 2305 WIYY 97.9 MD Baltimore, tough null  
 on WSKQ  
 2339 WBAI 99.5 NY New York, adj #5  
 2341 WHTZ 100.3 NJ Newark  
 11 Tr  
 0015 WBEI 107.9 CT Westport, WFSI off  
 Not sure what caused the duct into Rhode Island  
 and Cape Cod. Cool front approaching from NW,  
 but enhancement started breaking down while  
 front was still quite distant (Mid. PA?) and  
 reception in other direction (SW) only normal.  
 (Sometimes turbulence can extend fairly far  
 ahead of the front-gc)  
 2259 WGBH 89.7 MA Boston  
 2300 WJLK 94.3 NJ Asbury Park, WWOC null  
 2300 UNID 107.1 WNEW-FM (Gus, this is  
 WWHB again, in a permanent LMA with WNEW-  
 FM to simulcast them on Eastern Long Island-gc)

## GUS MANCUSO'S REPORT continued.

## SEPTEMBER 1991 DX

11 Tr  
 2355 WVIA 89.9 PA Scranton  
 12 Tr  
 0003 WAVA 105.1 DC Arlington  
 0630 WAMC 90.3 NY Albany, "best" catch  
 0635 WWYZ 92.5 CT Waterbury, equal  
 strength with WXTU  
 0638 WMGS 92.9 PA Wilkes-Barre  
 0640 WRTN 93.5 NY New Rochelle, "Babe Ruth  
 Came out to Westchester Co. and bought a car  
 from my grandfather at..."  
 0653 WHUR 96.3 DC Washington  
 0710 WHYY 103.1 MD Grasonville  
 0711 WWMX 106.5 MD Baltimore

Brings total to 158 for four trips here. Was first time ever staying on NE side of a hotel. Imaging in noticeably less on this side, all easily nulled. Got another 79 "re-logs". Also, of which WXKS Medford, MA was longest. Best freq: 107.5, with 4 including WFCC added this trip

## dBRUCE HALL - 5 STIRTON AVE - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JRS201 receiver (mod w/3 150 khz filters), Magnum Dynalab 205 signal sleuth, probe 9 fed with RG6 at 50' AGL, Crown Rotor, note \*\* phasing used with rabbit ears and 75 ohm RS Variable attenuator

## AUGUST 1991 DX

26 Tr  
 0716 WRMM 101.3\* NY Rochester, rm, Warm 101.3  
 John Lennon "Imagine", CKOT phased 192(km)  
 27 GW  
 0741 CHRY 105.5 ON Toronto, rs\$. "What's worse  
 than waking up to music you could fall asleep to?"  
 Now tune into CHRY 105.5 FM on Thursday morning  
 for the wake up call!, first time hrd in \$, 50 wts 80  
**SEPTEMBER 1991**  
 1 TrS  
 2304 CBLV\* 92.3 ON Haliburton, tm CBC, ID gave  
 with CBOD 89.3 Maynooth & CBLV 600 Bancroft 276  
 6 Tr/GW  
 0642 (CJMJ) 100.3 ON Ottawa, r, Majic 100 447  
 0700 (CJXY) 95.3 ON Hamilton, r, Y95 ex CKDS  
 "New Y95, one week old today", y/l reluctantly  
 gave out new calls over the phone. Strict 40  
 0755 (CKLW) 93.9 ON Windsor, ro, ex CKMR  
 "Dick Hilderband and CKLW 20/20 news" After nx  
 old AM Motor City jingle sung out. Also in use ment  
 of BIG 8, Million Dollar Weekend and the Legend.  
 Boy what a pleasant flashback to the 60's!! All we  
 need is KB radio to make it complete Greg?  
 (Yep that sure would be nice Bruce-gc) 255  
 0900 WMJQ 102.5 NY Buffalo, soft top 40, Q102  
 "The new Q102, 102.5 FM, the best hits without  
 the hard rock and rap". New jingle 115

## SEPTEMBER 7 Tr

0859 CJAM 91.5 ON Windsor, pr&e, C-JAM  
 Street of Pakistan show, with ment phone number  
 258-6397, most wanted, 29 watts! 253  
 8 TrS  
 0900 CJQM\* 104.3 ON Sault St Marie, k, Q104  
 IN THE NORTH program, WOMC phased 506  
 10 Tr  
 0802 WRKU 95.1 PA Grove City, r, 95 K-Rock  
 new non ID, ex The Wolf and CD106 230  
 12 TrS  
 0653 WJEM 93.7 MI Grand Rapids, ro "Classic  
 Hits 93.7", incl s "west of US131" 437  
 17 Tr  
 0748 WOKX\* 94.1 PA Sunbury, 94XK, r, Tommy  
 James music, phased out CBL Toronto 568  
 19 TrS  
 0743 WAQX\* 95.7 NY Manlius, rp, 95X, after mx by  
 Animals song, "Official radio station for SU's  
 homecoming", Phased out WPIC and CFJB 345  
 20 TrS  
 0807 WASH 97.1 DC Washington, m, Easy 97.1  
 calls sung out, song "The Living Years" 552  
 21 TrS  
 0942 (WKLZ) 98.9 MI Petoskey, r, ex WJML //  
 WKLT 97.5 Kalkaska. "This is Northern Michigan's  
 R & R stations, WKLT 97.5 & WKLZ" 455  
 22 TrS  
 0852 WKXW 101.5 NJ Trenton, ot, New Jersey 101.5  
 "New Jersey 101.5 Wanna be Wonder Weekend" 566

September 6th brought me the best enhancement of Michigan ever experienced. Most Detroit stations were local in stereo. Especially convenient for Sam Brown of UPI who was visiting and hoped that I could receive the Motor City. We had four tape machines rolling on different stations for his collection. CKLW old jingles and 89X music format drew the most interest (Their new format does sound very interesting-gc) Sam helped me set up my phasing equipment which has helped catch the odd difficult one. Two outdoor towers would help a lot more I'm sure. Most happy with snagging CJAM 91.5 Windsor's 29 watts. I've tried for 1 1/2 years to catch this one. Closing in on 500 logged so far. Should reach milestone, or is it kilometerstone, by the end of the year. Hope others caught the strong Michigan opening (I missed it at home, but noticed on the car radio-gc), 73 dB Bruce Hall

STATION NEWS: KBMA 99.5 in Bryan, Texas in on the air with a Spanish format. WPHD in Tioga, Pa. is now on 94.7 (Thanks Dave Nieman). WBNE 95.9 in Benton, Pa. has gone to WZZC and 79.5, classic rock format, 99.3 in Williamsport, Pa. has dropped country for album rock.

## WELCOME NEW REPORTER!

MIKE REID - 1408-65 SPRING GARDEN AVE. - NORTH YORK, ONTARIO M2N 6H9

Equipment: Akai AT-V04, with twin lead dipole on 19th floor

## JUNE 1991 DX

7 GW  
2115 CKIE 99.1 ON Toronto, FF, mr\$, "Quatre-Vingt dix-neuf un FM". Temporary station on for "Francophone week". 30 w at about 50 mAG from apartment north of Eglinton Ave and Don Valley Parkway. Heard in Brantford.  
19 Tr  
0105 CBOF 90.7 ON Ottawa, French

## JULY 19 GW

0745 CIEX 91.9 ON Toronto, Molson Indy Str, mono. Temporary station July 19-22, 10 watts from top of CNE Grandstand at Exhibition Park  
AUGUST 25 Tr  
0955 CJMJ 100.3 ON Ottawa, r\$, Magic 100, owned by Rawlco Communications  
0955 CBF9 91.9 PQ Mont-Laurier, French  
1100 WNBI 89.1 IN Fort Wayne, promos  
1220 CBO 91.5 ON Ottawa, classical

Don't FM DX as much as I used to. Checked 8/25 during good TV opening to west. I was surprised to be getting Ottawa so well. CJMJ was lighting 3 (of 5) LED's (CBOF and CJMJ seem to get out very well-gc). Considering that I was getting Milwaukee on TV, there was a nice east-west path for somebody. Since the Molson Indy will have a station every year, I'm counting CIEX as a relóg of last year's CJLX. This could be counted as new each year, as the license is good for each appearance. After a few years my list for 91.9 would look a little odd, to say the least. Locally: Applications for 99.1 Toronto were being accepted as of Sept. 5. Rawlco has asked for a six month extension to get 92.5 Toronto on the air. Rumour has it they are going to try for 99.1. CIRV 88.7 went to 250 watts sometime before early May. In Charles Gauthier's Cuban report, the Jamaican net IRIE is phonetically written as "Airy". This was not meant to rhyme with "merry". In some FF words "ai" is pronounced as "eye", so he didn't hear it wrong. Anyway, I note that CBO and CBOF are in more often than I thought they would be. (Same here. CBOF 90.7 often overrides semi local WGCC even on the car radio-gc). 73's Mike

## MIKE BUGAJ - 69 SHERMAN RD - ENFIELD, CONNECTICUT 06082

Equipment: Carver TX-11 and Sherwood receiver with 150 khz filters. Probe 9 about 30 feet aqf. New loggings are underlined.

## AUGUST 1991 DX

1 MS  
2239 WMC 99.7 TN Memphis, "Fm 100"  
4 Tr  
1918 WTIC 96.5 off the air for the first time in ages. Heard Philly and another gospel type station which is probably needed WPEL  
9 Tr  
0645 WCDA 96.3 NY Voorheesville, CD96 your compact discs stn (weak)  
10 MS  
1253 CJYC 98.9 NB St. John, heard while semi-listening to WCLZ, "St. John High School"  
2055 WDLX 99.7 KY Louisville  
12 MS  
1221 WMC 99.7 TN Memphis "FM 100, the right music mix"  
1222 WYNG 105.3 IN Evansville "The country cruise from WYNG"  
1255 WIMI 99.7 MI Ironwood, freq + calls  
1310 WJMI 99.7 MS Jackson, "...JMI..."  
12 Tr  
2043 CJMJ 100.3 ON Ottawa, Magic 100  
2323 WIBC 93.5 NY Remsen, B 93-5 FM

17 Tr  
0900& 2100 coastal trop: WQSR, WRDR, WXMN WKRE, and WZBH  
24 Tr  
2330 WZZM 93.5 NY Corinth, easy listening  
SEPTEMBER 1991 DX  
2 Tr  
2000 WQSR 105.7 MD Catonsville, oldies  
2023 WFRB 105.3 MD Frostburg, k  
9 Tr  
1300 WQKX 94.1 PA Sunbury  
2037 WSRF 105.7 NC Columbia, Surf 106  
12 Tr  
0647 CBL 94.1 ON Toronto, c  
0650 unID 104.5 The All new C-104.5 Is this CHUM? (no-gc)  
13 Tr  
1746 WSKR 102.7 NJ Petersburg, "Sports Radio 102.7" directly in line with WNEW and hitting their real bad at times. Haven't been able to hear the calls (WSKR, Mike-gc)

Some comments here: 1. What lousy tropo months August and September have turned out to be. What tropo I did get (WFRB, CBL) were real weak. This has to be the worst in years! 2. In case you didn't notice, the Perseids peaked on the 12th of August from 1100-1300, not around 0100 like the TV stations said it would. Lucky I was home on a rare lunch break and even luckier that Bill Nollman called and told me about it! 3. For Carver TX-11 owners, a little experiment you could try with filters if you want. First, put your original old filters back in F101 and F102. Then stick 150s in F103 and F104. Then either put a 110 in F105 or put two 150s wired in series into F105. If you have the same results as me you should notice the best selectivity, good sound, and your signal LEDs should be much more normal. There may be a tad more distortion using the two 150s in series than the 110 on weak signals. NOTE: This does not work on TX11A tuners as the circuitry is different (we tried it). Good luck!

Bill Nienajadly (Dude from Joisey) PO Box 2999 Clifton NJ 07015-2999 201-478-3044

Pioneer TX-9800 modified with TWO-180s and THREE 150s, Audiovox Car radio mod w/TWO-150's and AFC defeated, GE Superadio w/110 filter. 6 element Radio Shack ant at 80 ft w/rotor and 10 db post amp.

7/18/91 ES 1814 WFLZ 93.3 Tampa, 1816 KKNG 92.5 OKC, OK (another split opening), 1819 WYUU 92.5 Safety Harbor FLA, 1838 KEEM 92.1 Commerce TX  
7/19/91 ES 1730 WDDQ 92.1 Adel GA-Travelers Information Service "Exit 10 I-75 in Adel" in \$ 2014 GULF Area pests..WDJX 96.9, WBLX 92.9, Mix 95.7 Ph # 260-9595 also possibly new WFSY 98.5 Panama City FL. "Classic Oldies 98.5!!..Am I correct on this one? 2035 WTBB 97.7 Bonifay FL, 2039 UNID 102.9 "Rock 103" ment: LAKEWOOD AMPITHEATER I believe this was a AOR not classic rock station..Can anyone help on this one.... 2044 WEBZ 99.3 or WEEZ not sure.. could be WEEZ Heidelberg Miss tent... 2100 Oh Yes! I love this one! WILN 105.9 Panama City Florida clear over 12 mi local WNNK Newark! 2106 WGPC 104.5 ATHENS GA (very rare)...2112 WAAC Valdosta GA with mentions of Adel GA & C-92, 2130 UNID 97.7 " July 20 At the Waycross Motor Speedway -don't miss the Budweiser Bash 100..." 2134 WCWB 101.7 Trenton FL.. "Swanee River Country" heard with calls, 2141 WOLZ 95.3 Ft Myers FL...Plus other ES Florida pests like Miami area 96.5, 95.7 Se Habla Espanol, Yawn, again, WYUU 92.5, WRXK 96.1 FL.  
7/22/91 ES A VERY WELCOME OPENING! Something other than the GULF! Minnesota & other areas 1723 KKEG 92.1 Fayetteville ARK, then to Minn areas (Hi Bruce!) ...1730 UNID 91.7 mentions ST Paul & Twin Cities ...I doubt highly that this is WMCN at 10 watts!!!! 1732 KWOA 95.1 Worthington MN "KO 95", 2143 WMEQ 92.1 Menomonee WI ID was not heard..but they did ment 2 nearby cities which check out..Eau Clair & Durand..... 92.9 UNID "WECL" WHO IS THIS?..HELP!...1749 Another UNID on 95.9 "Patty Loveless performing at Mission Creek" obviously a country station.. UNID on 94.5 ad for Communications West & Twin Cities ment,.....1804 KKWQ 92.5 Waroad MN "KQ-92 Minn -esota's Original Rock"  
7/29/91 ES 2345 UNID 92.9 "Star 92", This might have been to the Midwest maybe IA or MN.....  
8/26/91 TR 0615 WMMV 104.7 Haerstown MD -185 miles, 0626 Lancaster, York, Red Lion, Reading plus Gettysburg 107.7 all way above normal  
8/27/91 TR 0700 WKGB 92.5 Susquehanna PA 131 miles , this starting to get common now!  
Trop Summary from Late August to late September....Binghamton to Norfolk, Eastern shore MD Boston, New Bedford MA, Hartford, Springfield MA, Baltimore, East PA etc....120-300 miles.

this season did turn to be below average, though I have seen much worse than 1991. The sunspot activity/solar flares were to blame, I believe. All in all I say this season was a stinker.

I did go to Dunkirk for the 1991 WTFDA convention and had a great time. I agree as others do that, TV DX is the best by far! FM at Dunkirk was very interesting, but alas, there are a lot of semi locals that crowd the band there. We modified some FM car radios and portables, we did comparison tests, and learned a lot in modifying various radios. For instance, on Bruce Elvings car radio, we had to pull off the entire bottom dash to get at the car radio. But in Bruce Hall -'s car, we just had to remove a face plate which just easily snapped out. If you want to mod -fy a GM car radio, it IS easy really, but I recommend getting a TORX screwdriver. Many new cars these days are using TORX screws . Also a nutdriver set is another good idea to have. Thanks to Mike Wimer and Bill Nollman for lending us the tools to do the car radio mods.

How well, did the mods work? After modifying (Bruce) Elving's and Hall's car radios, they were able to get 96.3 CFMX-1 right next to super local Fredonia (the next town over) 96.5 WQQA and super strong WJYE 96.1 Buffalo. Oh yes, we used 150 khz filters in the car radios.

Another modification that I have done, is the elimination of AFC, In 14 radios that I have tried to eliminate AFC...I was only successful in 6 radios. Here should be a real easy one for you. Audiovox car radios..... after lifting the cover, look at the tuning capacitor area. Note the various wires going to the area, locate a green wire, this should be located toward the end of the tuning capacitor area nearest to the back. Snip the wire, and the AFC should be gone! If not, re solder the wire and retrace your steps. I do want to remind that if you are not sure with what you are doing (modifying radios, etc) then send it out to a repair shop or someone who knows electronics well.

Those who are looking for the Antennacraft antenna should be aware that Radio Shacks sell the Antennacraft 10 in Canada only for \$59.95. And it is interesting to note that US Radio Shack's only sell the 6 element, where as the Canadian Radio Shacks only sell the 10 element.

Lastly, the only DX worth speaking of here in late September is the excellent F2 skip on 10 meters. On Narrowband FM in the daytime one can hear England and the rest of the UK talking to the US & Canada. Very Interesting! Lets hope for great fall tropo! Goodxing! *MA*

ROBERT S. ROSS (VE3 JFC) - BOX 1003 STN B - LONDON, ONT CANADA N6A 5K1

Equipment: Marante 2226B receiver. FM beam antenna

August 1991 dx

25 Tr

0107 CBO 91.5 ON Ottawa, ID: "Nat'l EE service of CBC from Ottawa &amp; The Capital Rgn" National anthem and off the air @ 0112

0112 WCIZ 97.5 NY Watertown, "It's 63" in Watertown, 12' in Kingston", "CIZ" slogan

26 Tr

0035 CBON 98.1 ON Sudbury, "ici Radio Canada", ment of Sudbury, CBC promos

August 28 Tr

2220 CKAT 101.9 ON North Bay, Blue Jays BB

SEPTEMBER 1991 DX

2 Tr

0156(CJXY) 95.3 ON Hamilton, "Classic Rock Y-95", ex CKDS, 60s, 70s rockers

0230 CFRU 93.3 ON Guelph, alternative music

Univ of Guelph station, calls, now 250 watts

2120 WSCM 96.7 OH Celina, "Mix 96.7"

and mention of Sidney, Ohio

GREG CONIGLIO - 5100 GLENWOOD DR - WILLIAMSVILLE, NEW YORK 14221

Equipment: Carver TX11 tuner, (3 150khz filters) CM Probe 9 = 25' AGL, CAC11 and RG6 coax, rotor

AUGUST 1991 DX

13 GW

1825 CJMJ 100.3 ON Ottawa, Magic 100 FM sign on here of new station, strong

17-24 in New Hampshire

25 Tr

0035 WFRN 104.7 IN Elkhart, g 374

0044 WLJE 105.5 IN Valparaiso, k\$, ads 431

0052 WLKI 100.1 IN Angola, r\$, calls 330

0055 WZZP 103.9 IN South Bend, top 40 by C &amp; C Music Factory, "Zip 104" 394

0057 WVPE 88.1 IN Elkhart, jazz\$ in very strong over CKLN Toronto 374

AUGUST 30 Tr

1107 WAVR 102.3 NY Waverly, a most wanted unheard, thanks Dave! 129

SEPTEMBER 1991 DX

1 Tr (WPHD 103.3 on very low power)

1015 WCRF 103.3 OH Cleveland, g\$ 189

10 Au

0000 WFMK 99.1 MI East Lansing, legal 290

11 Tr

2350 WKHO 99.1 OH Dayton, k\$, K-99.1 361

2359 WTUE 104.7 OH Dayton, r\$, legal ID 361

OCTOBER 1991

1 Au 1730: very strong, full strength but no IDs

2253 WFMK 99.1 MI East Lansing, ID 290

**SPECIAL REPORT:** I was in Hampton, New Hampshire from August 17-24. Yes, during Hurricane Bob! We had to spend an entire day in a hurricane shelter, but thankfully there was only minor damage in Hampton. I hope no one along the east coast lost anything from this storm. Anyway, FM DX was fairly interesting, but not as much as Ocean City or Myrtle Beach. The farthest reception to the north was CBAF 102.3 Fredericton, NB one night only (the only Canadian heard). Boston and SE New Hampshire were local, and Worcester, Portland, and SE Mass/Providence were semi locals. All of my U.S. reception was limited to New England with the exception of four stations: WSKQ 97.9 NY, WQHT 97.1, WHTZ 100.3 NJ (with WHEB knocked off the air, WOTB and WKIT also heard), and WBLI 106.1. Surprisingly, very little Vermont was heard, only WZRT 97.1, WJJR 98.1, WEQX 102.7, and WVPR 89.5, all weak. Other highlights: Upper Maine WQCB 106.5 had a very good signal and scattered in frequently. You guys in S. New England and Jersey should try for it. That was the farthest north in Maine heard, down the coast WQSS 102.5 and WMCM 103.3 were both heard over their Boston counterparts, same with WTVL 98.5. Also heard WKSQ 94.5 and WWMJ 95.7 Ellsworth over WZOU and WZID right on the beach, but at the condo on the balcony no sign of this. WMME 92.3 made it in once over WCDQ/WLYT splash and WPRO. The strongest station overall from Maine was WBLM 102.9, by far. To the south, Hartford scattered in, especially at night. Springfield would show up on 102.1, and 97.9 occasionally. Heard WEZN 99.9 over the WQRC/WKZS mess once. WHCN topped WKRH once on 105.9. Had WWKX 106.3 RI one evening over both local WHOB Nashua and semi-local WPKM-ME which was also overriding WHOB. That was the only real strong opening to Rhode Island (100 miles). There were a few enhancements into Maine. WWRX 103.7 had no trouble coming in over semi-local WZPK; the both of them prevented me from getting WKNE 103.7 at all, even though it was just 50 miles away. Oh, and I had 92.1 WMDK NH over semi local WCDQ, and WNNH 99.1 over WPLM-MA. Several times, an open carrier overrode local WCQL 95.3 Cool 95.3. I would guess that this was WMBR Cambridge. WCME 96.7 ME, now country, was heard with local WWEM off. Best frequencies: 4 heard 100.3 (WHEB/WOTB/WKIT/WHTZ), 3 heard: 97.1 (WYOU/WZRT/WQHT), 99.9 (WQRC/WKZS/WEZN), 102.3 (WKXL/WQOY/CBAF), 106.1 (WCOD/WCDQ/WBLI), 106.3 (WHOB/WPKM/WWKX), 105.3 was the worst: completely dead, no splash or interference, no sign of anything the whole week. I was hoping for Philadelphia. Back home, usually September is an outstanding month for trop, but this year it was horrible. About the only thing I have heard is aurora. Thank you Mike Cherry for sending in logs! Don't forget to check for trop. November can produce great trop, as we found out Thanksgiving 1986, what some consider to be the best opening ever. Last year there was also great trop Thanksgiving time in the northeast and midwest. So keep your ears and eyes peeled, the season may not be over yet!

Danny Burtin  
1312 N. Skyline  
Stillwater, OK 74075

DEADLINE: 14th

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, and DC. Happy DXing and report soon!

## FALL TROPS STARTING OFF SLOW.

Not much remarkable development in fall trop, so far. Openings have ventured little over 500 miles with most all staying will under that figure. To conclude the Es season, August had a couple or so good openings.

## WHY DOES SAN ANTONIO GET SUCH HUGE AMOUNTS OF ES?

For many years DXers have viewed with fascination the consistently vast amounts of Es reports that have bounced out of San Antonio, TX. In 1973 while Glenn Hauser was down there DXing in the suburb of Von Ormy reported in with virtually six pages of Es. It's been said before that a good day of Es in San Antonio is down right exhausting. Throughout the 70's and 80's permanent resident Pat Dyer reported on Es in dozens of pages as the seasons came and gone. He became the top man for totals in the FM statistics column by far, effectively shooting down any notion out there that one must live in a small town well away from a large city to accumulate a vast log. San Antonio is at or near the 10 largest metro area in the U. S. Despite that distinction, station congestion must be lighter in San Antonio than in many other large metros. There is only one large metro area within 175 miles. Another important factor playing in is that the DXers mentioned were in the rare position of being able to spend quite a bit of their waking time in front of the dials. In the early years I was also in a similar position but for a few summers. My results with Es could not come near the amounts in San Antonio. Years ago one reporter who spent much of the season at home assured other DXers that they weren't missing much since conditions were so poor. I was tempted to go back three past VUDs to find that comment and then see how many pages of Es were coming out of San Antonio but didn't. Still, why does San Antonio get so much Es? Well, my answer is based on what I call my "well stuffed doughnut theory" and goes like this. Take a doughnut a 1000 miles wide and center it on San Antonio. The inner ring of the doughnut would be 500 miles from San Antonio while the outer ring would be 1500 miles, representing a typical range for Es loggings. A study of the area the doughnut includes would suggest that San Antonio lies within easy Es range of large concentrations of stations in broad areas. The area between the Mississippi River and the east coast is quite a rich area from which to receive many stations via Es along with California. Then take the doughnut and center it on an east or west coastal city and in contrast one finds large areas where the potential for Es is wasted over very broad areas where few, if any, stations are to be found such as ocean water and central portions of the U. S. and Canada. So with that in mind in the future when we retire let's take long summer vacations in San Antonio and exhaust ourselves soaking up all the Es.

Doug Allen, w2crs, P. O. Box 5646 Woodland Park, CO 80866

Equip.: Onkyo T4087 and various Pioneer tuners (all IF modified), FM-13 at 50 feet.

9/3 ms

1020 WXTX 98.1 AL Fayette "98 TXT"

9/4 ms &amp; tr s

1100 WJO 98.1 MN St. Cloud, ID

1200 KSLT 107.3 ND Spearfish, g

1205 KNID 96.9 OK Enid, k

1230 KPNE 91.7 NE North Plate, "Nebraska

Public Radio", multiple IDs on hour

9/6 tr

0608 K2NE 99.3 NE ? Nebraska Public

Radio 7/88.7 and 91.7

0610 KEYN 93.7 KS Salina, k, full q, 400 mi.

0615 KBRX 101.5 NE O'Neill, ID

0625 K2NE 90.3 NE ? Nebraska Public

Radio 7/88.7, 91.7 &amp; 99.3

0630 KWYR 93.7 SD Winner, ID, "magic 93"

425 miles

0648 KDSD 90.9 SD Pierpont, promo 576 mi.

0700 KVCX 101.5 SD Gregory, ID 420

0730 K215AN90.9 SD Sterling, KUNC ID 150

0738 K237AKT 95.3 CO Wray, poss. KQLS tran.

0745 KVAY 105.7 CO Lamar, new CL ID 150

0750 KAAQ 105.9 NE Alliance, k "double A

country", local ads, o/strong local KKCR

9/6 tr

0815 K208BU89.5 WY Cheyenne, KWBI ID

0817 KMUS 101.9 WY Burns, Cheyenne's best

country K-MUS 102", o/strong local KKCS

9/19 tr

0730 KJTY 88.1 KS Topeka, g 490

0732 KUDL 98.1 KS KC, ID 565

0735 KTPK 106.9 KS Topeka, ID 490

(strongest from eastern KS)

9/20 gw

0810 KBPI trans 103.9 CO /new strong

translator peaks WNW

9/23

KCDC 90.7 CO Longmont, s/on with SSB

"100 watts"

9/24

KWBI trans. 89.1 CO?? Strong new translator

peaks WNW. Translators seem to com and go

frequently here in CO, sort of like musical

chairs. I'm only counting the ones listed

in ATLAS &amp; VUD.

ALLEN's comments start next page.....



## SOUTHERN FM DX

Allen, cont.

NOVEMBER 1991

This endeth a very poor tropo season with a fair opening to SD on the 6th and a weak opening to eastern KS on the 19th. I'm hearing out to 400+ miles on tr s better than ever, with several regular 400+ milers rising above the white noise several times an hour, but enhancement beyond 600 miles has been virtually nil all year. Last year's final tr opening was 10/1, so I'm not optimistic about tropo until spring despite the unseasonable mild early October weather (only two snow storms so far this fall). We added 231 new ones this year ending with 971. The good meteor showers of 10/18-23 and 12/10-14 make our goal of 1000 for the year a possible, but difficult one, especially since we've rejoined the National Radio Club and will give AM DXing priority for a few months. And, of course, you can find us on any of the ham bands, 160 meters to 1296 MHz. Thanks to many of you for all the help with unIDs. And concerning unIDs, let's all support Matt Sittel's new column! Best 73.

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

Equip.: McIntosh MR-78, Probe 9, RG-6 coax

8/8 tr-gw(WZYP off)

2144 WBBQ 104.3 GA Augusta, "the Q"

2155 WIDO 104.3 AL Eutaw, s, ID, \$

2156 WGNL 104.3 MS Greenwood, s, ID

8/11 Es

1245 CKBW 93.1 NS Shelburne, r

1247 WZOU 94.5 MA Boston, r, ID

1249 unID 94.1 r,dj - "Candyman"

1250 WSRs 96.1 MA Worcester, ID

1252 WSSH 99.5 MA Lowell, ads

1253 WLYT 92.5 MA Haverhill, ad

1254 unID 103.3 Digby ad, "AVR",mono

1257 107.5 MUF

1259 WOGY 93.7 MA Lawrence, lcl.ref.

1301 WQQL 95.3 ME York Center, "Cool 95"

1302 WERU 89.9 ME Blue Hill, area concert

listing. (Bar Harbor, Booth Bay)

1303 WHCF 88.5 ME Bangor

1305 CJYC 98.9 NB St. John, nx

1307 WCDQ 92.1 ME Sanford, "CDQ",ads

1312 WBLM 102.9 ME Portland, ID

1317 WNSS 101.5 NH Meredith, ads,Sunny 105

1321 WMMJ 95.7 ME Ellsworth, o

1323 WMMR 96.3 ME Rulmford, g

1331 WIMS 96.1 ME Presque Isle

1332 WSYW 94.9 ME Millinocket, ID

1335-1353 FF unIDs

1359 CKRL 89.1 PQ Puebec, FF ID

1406 CJDM 92.1 PQ Drummondville, ID

1408 unID 96.3 "C-Show MF", FF

8/12 ms

1052 KFKE 94.1 KS Kansas, ad

1138 WROE 94.3 WI Neenah, ID, prev. Es

1424 WLVF 93.9 FL Miami Beach, prev. Es

8/23 Es

2043-2048 SS unids to 107.9, sudden f/out

8/28 Es

2045 JBC 91.1 Jamaica, \$

2045 JBC 92.1 " " //92.1, \$

2047 JBC 97.3 " " reggae mx

2049 JBC 103.9 " " //97.3

2051 FAME FM 95.7 " " \$

2053 CUBA 93.5 Santa Clara, \$

2110 R. Cayman t 89.9, \$

2113+ R. Cayman t 105.3 //89.9, \$ (strong)

gw

2114 WXXI 103.1 AL Moulton, k, X-103, \$

2121 WXXI 102.9 AL Atalla, r, Kix 103, \$

9/9 Es

1846 JBC 97.1 Jamaica, nx, \$

1855 FAMEt 91.5 " " "

1859 JBC 103.9 " " \$, //97.1

tr new to air

1934 WMXA 96.7 AL Opelaka, r, Mix 96, \$

9/15 tr (WHMA off)

1100 WSSL 100.5 SC Grey Court

1103 WXSU 100.5 AL Fort Rucker, k, US-100, \$

1633 WKEE 100.5 WV Huntington, ads, "100 KFM"

9/16 tr

1136 WJGA 92.1 GA Jackson, ads, ID

1150 WBUB 107.5 SC St. George, k, \$, "Bubba 107.5"

John F. Combs N4SFS, P. O. Box 7581, Tallahassee, FL 32314

8/23 Es

1814 KTYN 92.1 MO Trenton 846

1821 KKYA 93.1 SD Yankton,ads,lake rpt 1124

1825 KWMG 93.5 NE Columbus, area ads 1054

1838 KHNE 89.1 NE Hastings, 1051

NE Public Radio

1828 KTSB 91.1 SD Reliance, SD Public 1254

1843 KWLY 93.7 SD Winner,area ads 1233

1848 KRGI 96.5 NE Grand Island,lcl ad 1068

1849 KCTR 96.5 MO Kansas City, ID 838

1908 KREP 92.1 KS Belleville,lcl ad 988

1909 KMOE 92.1 MO Butler,area obits 786

1916 KELN 97.1 NE North Platte,ads 1180

1930 KKMG 98.9 CO Pueblo,lcl ads, 1298

over local!

1932 KHAZ 99.5 KS Hays, KS wx 1036

8/23 Es

1933 KKCS 101.9 CO Colorado Springs, ID 1298

1936 KXNP 103.5 NE North Platte, ID 1180

1943 KKOW 96.9 KS Pittsburg,area ads 765

1945 KRZZ 96.3 KS Derby, ID 895

1947 KKRJ 107.3 KS Wichita 909

1950 KVGB 104.3 KS Great Bend,ads,promos 991

1952 KRKS 102.9 KS Hutchinson,local ad 942

1953 KZSN 102.1 KS Hutchinson, area ads 911

1956 KZZD 90.7 KS Wichita, ID,"2-91"

(ID from 1991 Broadcasting Yearbook.)

2001 KCMa 92.1 OK Broken Arrow, ID 783

2004 KBEE 96.7 KS McPherson, ID 936

2006 KANZ 91.1 KS Garden City,High Plains1073

2015 KOCK 95.5 KS Dodge City, area ads 1043

Gus Mancuso, 5615 Inwood St., Chverly, MD 20785

8/30 tr

2210 89.1 WVTF VA Roanoke

2212 106.9 WKDN NJ Camden, over usually

stronger WAFX and WARX

2214 94.9 WPVR VA Roanoke, instead of WJQI

2220 104.9 WRDR NJ Egg Harbor

2221 107.7 WSNJ NJ Bridgeton

2229 102.1 WIOQ PA Phila.,cont....

## SOUTHERN FM DX

Mancuso, cont.

NOVEMBER 1991

Classic "cold front coming" enhancement, rec. strong along line in front of and parallel to cold front, from Atlantic City to central VA. Didn't get anything new, though. Would have needed these conditions around/just after sunrise to do so. Seems to be the cross we bare in DC.

9/7 tr

1000 105.7 WFMX NC Statesville,tough

rabbit ear null on WQSR

9/7 tr

1002 103.1 WCUL VA Cullpepper, had to null to

get WHVY, opp. of usual.

Chester P. Royster, WB40HC, RFD Box 223, Freeman, VA 23856

Equip.: Pioneer TX-8100 tuner, stacked FM-13s at 25' and 18'

\*Denotes stations received as a result of phasing.

9/17 gw EDT

1148 WMJK\*102.9 PA Philadelphia 266

1146 WBSB\* 97.3 NJ Millville 236

1150 WOCB\* 96.1 PA Red Lion 230

247

9/19 gw

1105 WVAV 104.1 SC Conway 223

1132 WRJA 88.1 SC Sumter 250

1149 WLTR 91.3 SC Columbia 269

1150 WJGI 90.9 SC Hemingway 232

1205 WIOZ\*107.1 NC Southern Pines 148

1224 WICG\*107.1 SC Mulling 198

1244 WJNS\* 92.9 SC Dillon 190

1326 WYFG 91.1 SC Gaffney 252

1349 WVPB 91.7 WV Beckley 216

The stacked FM-13's work well for long path reception (100+ miles). The only short coming is its wide beamwidth. Many thanks to Andy Bolin for some horizontal stacking information. 73's, Good DXing & phasing.

Doug Smith, 14 Brookside Court, Nashville, TN 37209-4503

Equip.: Technics ST-G50, dipole at 2 feet.

8/18 trs (see note #1)

1700 WMMs 97.5 MS Oxford, k 180

8/23 Es

1830 XET 94.1 NL Monterrey, SS, m,

other unIDs: English on 89.7, 92.5, 93.9

94.5 96.7 96.9. Spanish on 88.1, 88.3,

89.9 90.1 92.5, 96.1, contin. cl on 88.5.

9/3

2235 unID 89.9 ?? Someone in Spanish

heard while driving home from work. Car

rx is analog, so freq. could be off, rel.

2300 WKLS 96.1 GA Atlanta, rp 210

9/4 tr

0015 WEKH 90.9 KY Hazard 205

WCKO 94.1 AL Carrollton, 200

WSTR 94.1 GA Smyrna, rm 210

WLAP 94.5 KY Lexington, r 180

WPCH 94.9 GA Atlanta, rm 210

WVDA 95.1 AL Huntsville,g 100

WHLF 96.7 TN Centerville, k 50

(See note #2)

0055 WKXJ 97.3 TN South Pittsburg,r 100

WEZK 97.5 TN Knoxville, mr 160

0101 WZBQ 102.5 AL Jasper, r 180

9/4 tr

0101 WCOZ 96.9 KY Paris,r(note #3) 190

0135 WSB 98.5 GA Atlanta,rm(note #4)210

0145 WRAM 98.9 AL Montgomery, o 255

9/13 tr

0710 WAFR 88.3 MS Tupelo,g (note #4) 180

WNIN 88.3 IN Evansville, nt 110

9/15 gw, from LBL:

KDHX 88.1 MO St. Louis, blues 168

WSIE 88.7 IL Edwardsville, j 170

KASU 91.9 AR Jonesboro, c 157

WIL 92.3 MO St. Louis, k 168

KSD 93.7 MO St. Louis, op 168

KJEZ 95.5 MO Poplar Bluff, mr 157

KPYR 98.1 MO Osceola, o 154

KPUO 99.1 MO St. Louis, c 168

KJBR 101.9 AR Jonesboro, o 157

KLOU 103.3 MO St. Louis, o 168

WKBQ 106.5 IL Granite, r 168

KMTJ 107.7 MO St. Louis, rs 168

(note #1)

Plus 51 more in IL, KY, MO, and TN within 150 miles and 24 unIDs.

Note #1: Logged on TN/KY lone in the TVA's Land Between the Lakes Nat'l recreational area with GE Superradio II and built-in whip antenna. (WMMs) and ICP-2010 and 3-el. quad. (9/15) DX. Will keep a separate log for "LBL" reception. This is a good place for DX.

Note #2: Using "Kicks 96.7" slogan; I suspect this one has changed calls. It'd also probably been off for awhile, as it isn't that far away & I think I would have heard it before.

Note #3: Suspect a call change here, too. Using slogan "Lexington's new Kiss 96.9". Definitely a format change.

Note #4: Briefly in stereo. First Atlanta to accomplish that. Ran legal ID & full ID full EBO announcement at 0140--was afraid they were going to sign off!

Note #5: Sounded like they'd only been on for a few days. Gave P. O. box in Tupelo, too weak to copy though. UHF TV was open to Cincinnati.

Regarding John Combs' July 1 report of a 92.1 running Madison,WI ads;almost certainly WMAD-FM Sun Prairie, runs an "adult AOR", xmitter about 4 mi. NE on US 151 from I-90/94.

# EASTERN TV-DX

Bill Nienajadly  
PO Box 2999  
Clifton NJ 07015-2999  
201-478-3044

September 1991 cutoff 3 months Deadline Oct 5 1991

The MUF Reaches channel 12! Carlon Howington of FL logged CFTO-9-ON & Channel 7 in Detroit! Ed Phelps of KY logged WQOR-9 of NYC! And maybe WPIX-11-NYC. Many, many reports of VERY SHORT SKIP! Ranges of 350 miles to 500 mile very rare for E-Skip were reported! All I can say is... Read the juicy DX in this column! Did 1991 E-Skip turn out to be a stinker? ....Nope!

John F Combs			
6/24 ES 2107 El Salvador-2 1225	2/14 ES 2100 KMIV 3 NE 996	7/21 ES 0916 XHRIO 2 TA 863	
2113 UNID-2 Mexico	7/15 ES 1834 UNID 2 Brief..	1000 Fade out	
2135 XHY? 3 YU t	7/17 ES 1150+UNIDS 2,3,4 Mexico	1638 WFSB 3 CT 1007	
2142 Honduras 3 ? t	1426 XHBQ 3 ZA 1250	WCBS 2 NY 911	
2205 UNID 5 SS	1516 CUBA 3 830	7/22 Tr 0035 WXXV 25 MS 286	
2215 Had to leave	1524 ColorVision 2 DR	ES 1026 El Salvador 2	
6/25 ES 2105 UNID 2 Mexico	(DR means Dominican	7/23 ES 1024 KQTV 2 MO 868	
2108 KCTO NM 1334 ch2	Republic?-BN) @1175mi	1026 CBFT 2 PQ 1188	
2115 KENW 3 NM 1152		1029 KGAN 2 IA 920	
2213 KMID 2 TX 1067		7/24 Tr 0532 WATL 36 GA 233	
6/29 Tr 0835 WXXV 25 MS 286		WVEU 69 GA 230	
WGNO 26 LA 340		2057 KPRC 2 TX 673	
WNOL 38 LA 340		2100 KENS 5? TX t	
0837 W46AN MS 254		2101 UNID 3 Mexico	
(Pascagoula TBN)		2131 XHRIO 2 TA 863	
0837 W63BK FL 179		XEFB 2 NL t	
(Pensacola TBN)		KIII 3 TX t	
6/29 ES 1215 KPRC 2 TX 673	7/18 ES 0825 KDLO 3 SD 1235	7/28 ES 0030 Mostly fade out	
1218 UNID 3 Mexico	0826 KLBY 4 KS 1140	7/29 ES 2355+Dirty skip No IDs	
1228 KMID 2 TX 1067	0859 KNOP 2 NE 1180	7/30 ES 1415 CKCO 2 ON 1015	
1317 UNID 5 NBC	0859 KJRH 2 OK 762	1715 Back: ES 2-5	
1330 - 1610 I'm Away	0900 Had to leave	1755 CKVR 3 ON 992	
1615-1635 brief check	2205 KSDK 5 MO 658	1759 WPSX 3 PA 805	
still ch 2 & 3	2229 KMOL 4 TX 840	1801 WFSB 3 CT 1007	
1635 Had to leave..	KPRC 2 TX 673	WGRZ 2 NY 904	
7/1 ES 2030+ Strong 2-5	2231 KENS 5 TX 840	1805 KYW 3 PA 834	
2040 CBLT 5 ON ? t	2233 KBTX 3 TX 699	1811 KDKA 2 PA 733	
2204 KDLO 3 SD? t	2300 KENW 3 NM 1152		
2236 KUSD 2 SD 1144	2304 KDIN 2 TX 761		
7/2 ES 1734 UNID 2 PBS	2306 KMID 2 TX 1067		
7/4 thru 7/7 In Orlando, No	2330 XHRIO 2 TA 863		
access to DX equip.	7/19 ES 0830 XHRIO 2 TA 863		
7/8 ES 1734 KACV 2 TX 1070	0845 UNID 3 Mexico		
1753 KMID 2 TX 1067	1650****MUF 108+ ****		
7/11 Tr 0445 W38AJ FL 154	1656 WUNC 4 NC 476		
(Jax VJN)	1657 XHRIO 2 TA 863		
0445 W33AL GA 169	1710 WFSB 3 CT 1007		
(Brunswick GA)	WRC 4 DC 713		
0447 WIGS 28 SC 205	1713 WOTV 5 WV 634		
7/11 ES 1810 KMID 2 TX 1067	1729 WNBC 4 NY 911		
KENW 3 NM 1152	1800 KENW 3 NM 1152		
7/12 Tr 0659 WFLA 33 LA 417	KFDX 3 TX 867		
(No sign of closer	1807 KJRH 2 OK 762		
New Orleans or any	1901 KQMO 5 MO 834		
other activity!)	1914 WDAF 4 MO 834		
7/12 ES 1830 SS noted on 2	1917 RTVI 2 MO 658		
too busy to watch	1924 KGAN 2 IA 920		
7/13 Tr 0127 W27AE FL 267	2020+Light CCI on		
(Sebring WDOG-44)	channel 7 & possibly		
0128 WNOL 38 LA 340	channel NINE..(!-BN)		
Miami U's FL 393	(see comments)		
Ft Myers U's/Naples U's	2200-0000 MUF..3 & 4		
7/14 Tr 0204 New Orleans &	0019 WGRZ 2 NY 904		
Ft. Myers U's	0020 KDLO 3 SD 1235		
(No Ft Lee ?-BN)	0100 Quit-ZZZzzzzzzzz		
7/14 ES 1902 KGAN 2 IA 920	0816 Time in 2,4 cci		
1959 KMID 2 TX 1067	0842 KCTO 2 NM 1334		
2029 KQTV 2 MO 868	0845 KACV 2 TX 1070		
	0859 KENW 3 NM 1152		

## Totals now at 278 stations

### Comments on July 19th

In the midst of a humdrum skip season, came one of the better openings I've seen in a long time-boy, am I glad I had the evening off! After noting some very short skip, chief of which was WUNC-4 at only 476 miles, low band TV quickly became a jumble of CCI & I spent much time on FM. A call from Carlon Howington in St. Petersburg, revealed that he experienced hi-band skip between about 2010 & 2040 on that night. He positively IDed WXYZ-7 (MI-BN) & CFTO-9 (Toronto-BN), he had a Brief UNID-11 & even a minute or so of CCI on 12!

Hampered as I am with a crappy VHF antenna (probably has negative gain on hi-band, hi!) I was unable to positively ID anything on hi-band.

73, John

## Eastern TV DX

September 1991

Matt Sittel, PO Box 21451, 511J Wood Hall, NCSU, Raleigh, NC 27607

Equipment: Sanyo 13" color TV, Archer 4-bay UHF antenna, rabbit ears, Sony 4.5" Watchman All DX done on indoor antennas.

### July 1991

1 Es 1319 KYTV 3 MO 798	7 tr WTAT 24 SC 200	19 Es 1432 KTBS 3 LA 894
1320 KSNW 3 KS 1050	WHMM 32 DC 241	1451 Cuba 3
1322 KSNK 2 KS 1120	WMDI 47 MD 251	1629 WPBT 2 FL 677
1359 KBTX 3 TX 1062	WTKK 66 VA 225	1659 WEDU 3 FL 581
1359 KATC 3 LA 883	Es 1358 KJRH 2 OK 950	1728 WEAR 3 (AL) 624
1923 KPRC 2 TX 1063	1359 KOET 3 OK 936	1740 WDIQ 2 AL 528
1928 WAVE 3(IN) 435	1415 KFDX 3 TX 1131	1743 WBRZ 2 LA 814
1929 WCTA 3 IL 613	1442 Cuba 3	1930 KPRC 2 TX 1063
1952 WJMN 3 MI 839	1459 KTBS 3 LA 894	1930 KATC 3 LA 883
3 Es 1348 unID 2	1622 KPRC 2 TX 1063	2128 KJRH 2 OK 950
4 Es 2115 unIDs 2,3,4	1632 KBTX 3 TX 1062	22 tr 0819-0935
5 Es 0857 KPRC 2 TX 1063	9 Es 1502 unID 2 SS	WEBA 14 SC 233
0918 KATC 3 LA 883	14 Es 1959 KDIN 2 TX.	WCES 20 GA 266
0923 KBTX 3 TX 1062	2059 KPRC 2 TX 1063	WGXA 24 GA 345
6 Es 1228 KUSD 2 SD 1135	17 Es 1401 WKAQ 2 PR 1434	Es 1800 CKPR 2 ON 1032
7 tr 0800 WCES 20 GA 266	1647 CV 2 DomRep	23 tr 0810 WTAT 24 SC 200
8 tr 0746-0925	18 Es 0900 KDIN 2 TX	24 tr 0758 WEBA 14 SC 233
WEBA 14 SC 233	0926 KFDX 3 TX 1131	0800 WTAT 24 SC 200
WBOC 16 MD 255	1927 KSNK 2 KS 1120	27 Es 0003 KPRC 2 TX 1063
W2OAT 20 NC 76	1959 KLINE 3 NE 1172	20 Es 1700 KDIN 2 TX
Roanoke Rapids-ChAm	19 Es 1429 KSNK 2 KS 1120	1911 KSNW 3 KS 1050

July was certainly an improvement over June for me as far as E-skip goes. Lots of neat loggings this time, with some especially short skip! The MUF on 7/19 reportedly hit ch.12(!!!) in FL, so that explains the short skip on that day. I have a tentative of WSB-2 GA at just .350 miles on that opening-program matched listings, but I want to rule out other stations first. 7/17 was fun, too, seeing Puerto Rico, something I have never accomplished from Kingsport, TN. Log totals stand at 175. Also, I am the new GCI editor now, so please send your unIDs to me at the above address. 73's, Matt.

Dave Nieman - 12284 Nice Road - Akron, New York 14001-9529

Equipment: Unchanged. New loggings are underlined.

### June 1991

29 Es 1454 WCPX-6 FL 1001	1 ES 1200 KSWK-3 KS 1234	12 Tr 0900 WUCX-35 MI 227
1617 KBTX-3 TX 1287	1450 KBTX-3 TX 1287	1000 WKAR-23 MI 299
1630 KOTA-3 SD 1235	1600 WEAR-3 FL 987	15 ES 1900 KLINE-3 NE 1102
2000 KGF-2 ND 1003	2047 WCTV-6 GA 899	1930 KUNB-6 NE 1166
2100 CKND-2 MB 1136	4 Tr 0900 WMPY-22 MD 291	1936 KOTA-3 SD 1235
30 ES 2300 KTTV-4 IA 896	1100 WETA-26 DC 287	1959 KDLT-5 SD 946
July 1991	7 ES 1216 KIMT-3 IA 620	16 Tr 0830 WUCX-35 MI 227
1 ES 0038 KSNW-3 KS 1058	8 ES 1055 KFOX-3 TX 1246	0900 WKAR-23 MI 299
	1200 WEAR-3 FL 987	1000 WINM-63 TN 338

Dave Nieman - Ho Sta Geh, Road - Rock City, New York

Equipment: RCA 9" b&w TV, 8 bay bowtie with EU-4S preamp. Antenna at 14' above ground; 2384' ASL. All stations new to Rock City log.

### July 1991

3 Tr 1042 WOIO 19 OH 167	3 Tr 1100 WBRE 28 PA 146	3 Tr 1530 WNEQ 23 NY 71
1045 WDLI 17 OH 171	1104 WKBS 47 PA 106	27 Tr 1600 WNPB 16 NY 183
1048 WNEP 16 PA 146	Gw 1118 WBIAJ NY 23	1630 WQEX 16 PA 136
	Little Valley (WNED-17)	winegrad AC-4975 this time.
		Still no luck DXing UHF TV; it must be all those trees. Next time down I'll use the EU-4S as a post amp. Dave

William R. Hepburn 1211-1547 Mississauga Uly Mississauga ON L5A 3X8 (EDT)

Equipment: JUC HR-D630U UCR w/12th floor balcony UHF dipoles / indoor 4-bay UHF

### July 1991

1 ES 1626 WESH 2 FL	T 8 ES 1415 MUF 92.5	26 ES 2059 (KGAN) 2 IA 625
2 ES 1258 MUF 105.9	19 ES 1719 WPBT 2 FL 1220	(excl WMT)
2 ES 2058 MUF 91.9	1720 MUF 107.5	2100 MUF 4
5 ES 2006 MUF 2	20 ES 1626 MUF 107.5	30 ES 1819 MUF 3
8 ES 1058 WEAR 3 (AL) 1000	1800 WPBT 2 FL 1220	31 ES 1857 MUF 3

Eric Voyko 1721 Dalewood Place, McLean Va 22101

(703) 356-9663

## Equipment : See July VUD

## July 1991

6 Es	1158 KPRC-2 TX	1218 25 Tr	1557 WEDU-3 FL	819 30 Es	1400 KATC-3 LA	1040
	1200 KQTV-2 MO	955	0600 WBRZ-28 PA	182	1500 WLBT-3 MS	860
	Tr 1941 WUNP-36 NC	170	WVIA-44 PA	195	1800 WEAR-3 FL	800
19 Es	2302 WESH-2 FL	708	WNEP-16 PA	195	Tr 2031 WXII-12 NC	255
	2327 WBRZ-2 LA	990	WOLF-38 PA	195	Es 2100 WFBT-2 FL	916
	2328 KTBS-3 LA	1040 28 Tr	WWLP-56 PA	170 31 Es	1450 CUBA-3 CU	1000
	0914 WPBT-2 FL	916 29 Es	0800 WXTV-41 NY	220	ICRT t/p, sign on at	
			2317 WBRZ-2 LA	990	1600, 'CubaVision 6'	

E-skip on the rebound towards the end of July here, the openings on the 19th, 20th and 30th were the most productive. My cuba 3 is likely from the Pinar Del Rio Province, SW of Havana, distance here is approximate.

My sincere thanks to all of the VUD readers who responded to my request for station info. I now have enough station lists to cover my desk, and have solved several Unid's as a result. As usual the members of the WTFDA have come through!

TV INFO: As a user of a late model Zenith (SG2795BG-90) I must say that Harry Hayes' comments in the July VUD were right on the mark. While the newer sets are more feature packed than ever before, few of the features are designed with the TV DX'er in mind. My set, like Harry's, has that annoying audio mute feature, which can ruin Id's and forces one to constantly man the mute button. The set also squelches weak signals, but I have found I can over-ride this by hitting the 'enter' button again, and thereafter I can watch uninterrupted snow if necessary. By far the biggest drawback on this particular set is the lack of video output jacks; shameful for a TV in this price range. (I was fooled, there is a VCR loop output, but it only puts out on Ch 3 for use with a cable box.)

The set still has some redeeming features including decent image/adj. ch. rejection, and dual antenna inputs which can be A/B ed via the remote. Picture-in-picture triple flashback is also neat; it's possible to watch 3 TV stations superimposed over cable or a video tape, and to change these 3 stations at will. If you line up ch's 2-3-4 you can watch the MUF climb during a skip opening!

I decided to replace my set with an Icom R-7000 (the set will serve as the monitor) I've only had the Icom a few days now (I'm still waiting for the Video adapter) and the results are impressive. The only crosmod problems are on VHF with the antenna pointed at the locals (also experienced with every other tuner I've tried). In fact, as audio goes, it's much less susceptible; it will lock in WGAL-8 over eighty miles away, with clear audio in the FM wide mode while the Zenith is overloading from the local Ch 9. Then there is the FM narrow mode, which as other members have reported, allows you to separate offset audio carriers. This may be the single best feature on the receiver, and one that the TV DX'er can really appreciate. The S-meter was handy for fine-tuning my traps, which isn't easy to do by eyeballing (at least two were way off!) I hope we get some good tropo this fall to try it out on.

Christopher S. Dunne, 21541 Nw 8 Ct., Pembroke Pines, FL 33029

7/1 Es	7/5 Es	7/19 Es
1628 WJMN 3 MI 1330	1040 WTKR 3 VA 750	Morn KIII 3 TX 1010
(Note 1)	Sally J. Raphael	Morn unid 3
1830 unid 3 Mexico		(Note 4)
(Note 2)	7/14 Tr	1130 WSIL 3 IL 880
	2330 WTTA 38 FL 165	(Note 5)
	(Note 3)	
7/2 Tr		
2259 W16AR16 FL 80		

## Footnotes

- (1) Got "WJ..." on cassette tape (audio), and 2 Escanaba FMs were in simultaneously.
- (2) All I could catch was "Canal de las Estrellas"/"TVO". Definitely Mexican, 'cause Tampico FMs were in, and it looked like "AEN" on screen plus what looked like Televisa logo. Had a program (soap opera), "Yo No Creo en Hombres" ("I Don't Believe in Men") at 7pm EST. Maybe Monterrey?
- (3) New TV AIR from St. Pete. 1397 kw visual power mentioned in sign-off.
- (4) Said "KY3". Is this KYTV Springfield MO?
- (5) I'll have to scratch out my WHSV logging of last month; then I heard "Harrisburg" & thought "Harrisonburg" (VA), but now I see (from my copy of BROADCASTING YEARBOOK 1983) there is a Ch 3 in a Harrisburg. Multiple ID w/ Marion & Carbondale (IL). Called themselves "TV 3".

Hope soon to catch Es on somethin' other'n Ch 3, like last month. Oh well....

73s

Chris

Robert Ross Box 1003 Station B London ON N6A 5K1 Canada

Toshiba portable, Ant# 1 VHF FM Beam Ant# 2 UHF Flying arrow

6/29 ES 2010 CKND 2 MB	7/1 ES 1300 KXAS 5 TX	7/2 ES 0055 KALB 5 LA
6/30 ES 2053 WGBH 2 MA	7/2 ES 1159 KPBY 4 SD	From 6/29 thru 7/24-91
7/1 ES 0956 KJRH 2 OK	1215 CBWFT 2 MB	

Harry Hayes 9 Henry St Wilkes Barre PA 18702

RCA 1971 Colortrak, Ch 2 Quad loop at the south window, Zenith Sentry II, 6ft dish in attic with a PA 4975 amp.

7/1 ES 1915 WWL 4 LA	7/18 ES 1800 KJRH 2 OK	7/19 ES 2146 WPTV 5 FL
1930 KALB 5 LA	1807 KIVO 3 MO	2150 NBC # Note 2
7/4 ES 2200 CKND2 2 MB Note 1	1815 WTVJ 4 FL	7/20 ES 1600 WUFT 5 FL
CBWFT 3 MB	1820 KFSM 5 AR	1835 WREC 3 TN
7/5 ES 0820 WBRZ 2 LA	1900 KSNC 2 KS	1903 WKRG 5 AL
2059 KJRH 2 OK	1928 WLBT 3 MS	7/22 ES 1740 WCCO 4 MN
7/6 ES 1225 KJRH 2 OK	7/19 ES 1715 WESH 2 FL	1805 KDLO 3 SD
7/18 ES 1700 WMAB 2 MS		7/26 ES 2100 KITCA 2 MN #3
1800 WEDU 3 FL		KETS 2 AR
		2120 WBRZ 2 LA

Notes: #1 ID as CKND, the channel 11 in Winnipeg. CKND2 call was gleaned from information in a 1990 Doug Allen report, no city of license was mentioned.

# 2 this channel 4 programming w/NBC was in during an almost exclusively FL opening. My old log book notes that all of ch 4's in the Southeast are CBS. Did WJXT, WTVJ or WTVY change network affiliation or does one of these share NBC & CBS? (Harry, I can't answer your question on network changes etc, but, perhaps consider other possibilities as short skip, 7/19 had a lotta short skip that day-BN).

# 3 KITCA, KETS & WBRZ all in just about the same time this night also possibly KDLH-3 Duluth -quite an area spread! Unfortunately the MUF stayed around channel 5.

All I have to do is complain a little bit and the season improves. This still is one of the all time poor seasons, but late July's skip activity move it a little closer to 1990 which wasn't all that great. Mid July featured an absolute absence of any skip activity that I could see. One of the hottest & driest months on record in the North east, resulted in little or no tropo.

Frank Wheeler 6485 Wattsburg Rd Erie PA 16509 EDT Present log: 327 rec, 220 Veries

Sylvania Color 19" 1985 Year, Archer VU 160 Antenna, Servo rotor. (ALL E-Skip)		
7/1 0928 KJRH 2 OK 927	7/8 1300 KPRC 2 TX 1212	7/18 1905 KNOP 2 NE 1059
0952 KTVY 4 OK 1030	1500 WEDU 3 FL 988	2000 KBIX 3 TX 1183
1200 WPBT 2 FL 1110	1200 WBRZ 2 LA 1016	7/19 1700 WEDU 3 FL 988
1630 KTBS 3 LA 992	7/15 1538 KING 2 WY 1328	1958 KTRH 2 OK 927
1130 WEDU 3 FL 988	1800 KUSD 2 SD 898	2300 KPRC 2 TX 1212
7/2 1130 KTVY 4 OK 1030	7/18 0900 KJRH 2 OK 927	7/20 1700 WPBT 2 FL 1110
1100 KUSD 2 SD 896	0930 KSNC 2 KS 1009	1800 WEDU 3 FL 988
1131 KGFE 2 ND 960	1200 KIWO 2 WY 1328	7/22 1858 WEDU 3 FL 988

We were married 50 years May 14. T also was at my 60th Hi-school class reunion. On July 27 a hot air balloon landed in the field by our house and they gave us a free ride, another landed just below our house. We have 18 acres. I thought it was quite a novelty for a couple, senior citizens (me 78, Marge 70).

Good Dxing Frank W.

Jim Renfrew 61 Wilcox St Rochester NY 14607-3832 GE TV, Radio Shack Rabbit ears

6/2 Tr 0240 WUTR 20 NY 120	6/15 Tr 0224 CBOT 4 ON	6/19 Tr 0845 Syracuse & H20town
6/9 Tr 0045 WUTR 20 NY 120	0233 CHOT 40 QC t	U's excellent.....
0225 WNEQ 23 NY	0238 CICO 55 ON	Ch 40 Channel Amer
0238 CFTO 9 ON 105	(Jim it is in	-ica off the air
0315 CITY 57 ON 105	Cloyne, which is	6/20 ES 1230 MUF 100.1 maybe
0327 WICZ 40 NY	near Bancroft-BN)	to 105.9, no TV
0417 WBNG 12 NY	0307 CJOH 13 ON	1350 in the car!
6/15 Tr 0209 CICO 53 ON	0328 CBOFT 9 ON	6/29 Tr 0330 WIXT 9 NY
0210 CICO 42 ON	6/16 ES 1938 WPBT 2 FL	ES 1359 WPBT 2 FL
(Jim, it is in	2000 KTBS 3 LA t	1441 KATC 5 LA
Mac Arthur Mills-BN)	6/19 Tr 0845 WICZ 40 NY	1452 KTBS 3 LA t

(TURN TO THE NEXT PAGE FOR THE REST OF JIM'S REPORT)



## Eastern TV DX

September 1991

Jim Renfrew continued.....

6/29 ES 1453 WEAR 3 FL	7/2 ES 1230 KBME 3 ND	7/19 ES 1655 MUF 107.3
7/2 Tr 0925 CBLFT25 ON	7/4 ES 2145 UNID 3 PBS	7/26 ES 2116 KGAN 2 IA
ES 1020-1332 MUF 103.5	7/6 Tr 0113 CIII 22 ON	UNID CBS-3
1050 KSTP 5 MN	ES 1220 UNID 2 & 3 ABC	" NBC-4
1051 UNID 5	1230 KDTN 2 TX	" ABC-5
1059 KGFE 2 MN	1258 KJRH 2 OK	2147 " PBS
1148 CBWFT 3 MB	1324 UNID 2	2155 KGAN 2 IA
1200 KFYR 5 ND	7/18 ES 1959 MUF 106.7	2158 ES GONE 4 GOOD
1230 KBME 3 ND	1959 WBRZ 2 LA	

Ed Hanlon 165 South Road Bolton CT 06043

Panasonic 25" Console, JC Penney (RCA) 19" Mitsubishi VCR, QM 1110 Quantum w/cartridge amp RC-6 coax,HD-73 rotor,40' AGL, 482' ASL

having given up on UHF (I don't evn list the equipment used), I have 2 TVs parked on channels 2 & 4. The results are pretty good! Almost every evening I sit down to watch Florida news at Six on channel 2. Florida has become a local on TV & FM up here! I stopped logging these stations because they've become so routine. I agree with Eric Voytko-The QM 1110 is one awesome antenna. I was able to null local Ch 3 (WFSB) & pick up WEDU (in Florida, of course) Eric, if you are still looking for a list of TV stations order the 1991 Broadcasting Yearbook. It's as useful for TV as the The Elving Atlas is for FM. And as a bonus, it lists AM/FM by frequency -call etc. (Ed, your question about the R-7000 should be directed to the midwestern TV/FM DXers who use it swear by it, not at it and one DXer out there gets 600 mile daily troposcatter on UHF, I have not heard of the FRG-9600, but I could say that the R-7000 runs circles around it-B

6/7 Tr 0015 WLIW 21 NY	6/30 ES 2341 KHAS 5 NE	7/5 ES 1316 WESH 2 FL
6/24 ES 2030 WPBT 2 FL	7/2 ES 2015 WCSC 5 SC	7/6 ES 1430 WESH 2 FL
6/30 ES 2200 KIVI 2 MO	ES 2030 WIVY 4 AL	7/12 ES 1915 WEDU 3 FL
2230 KGAN 2 IA	Tr 1840 WMUR 6 NH	7/20 ES 1630 WIVY 4 AL
2305 WTVJ 4 FL	7/5 Tr 1300 WENH 11 NH	7/21 ES 0705 WBRZ 2 LA
2311 WDBF 2 IL	ES 1305 WJXT 4 FL	7/23 ES 2030 KYW 3 PA
2329 WDAF 4 MO	1306 WTVJ 4 FL	7/26 ES 2030 KGAN 2 IA
2334 WPTV 5 FL	1315 WPBT 2 FL	2044 WDAF 4 MO
		2100 KUSD 2 SD

Tom Bryant 849 Todd Preis Drive Nashville TN 37221 CDT

this has been one of the most disappointing ES seasons in many years. When I noted the first opening on May 19 (MUF 5), it appeared that we might be off to a good start: but that was not the case. Aside from an excellent opening on July 19, it's been a real ho-hum summer.

5/19 ES 1229 KENW 3 NM 963	7/1 ES 2210 KDLO 3 SD 882	7/19 ES 1848 KREG 3 CO 1138
1230 UNID 3 SS	7/2 Tr 2230 KTEJ 19 AR 217	1858 KBME 3 ND 1022
2159 KACB 3 TX 832	ES 0959 KREG 3 CO 1183	1925 KOTA 3 SD 1014
6/2 MS 0300 KUSD 2 SD 754	7/8 ES 1018 PBS 3 2 different	1946 CKND 3 MB 1184
2215 KIII 3 TX 851	7/18 ES 2033 KIII 3 TX 851	2000 CBWFT3 MB 1087
6/3 ES 0215 KWNC 2 CO 1029	7/19 ES 1800 KENW 3 NM 963	
6/8 MS 0344+KSNC 2 KS t	1810 KFYR 5 ND 1023	
6/13 ES 2000 UNID 3 SS muf 6	1842 KOAA 5 CO 982	7/22 ES 0959 KTVS 3 CO 926

Notes: 6/2 KUSD sightings mentioned as this is my most frequently seen MS station. See an UNIDC-X with full color bars now and then suspect CHBX-2 but can't be sure. 7/2 sighting ofKTEJ was the second time ever. 7/19 KFYR catch was special for me, as that's where I started broadcast career in 1956. Both KFYR & KOAA seen thru local channel 5 as a floater, 3rd time KOAA as a floater. (Tom mentions that he will be buying new antennas for UHF & VHF-73's Tom

Greg Coniglio 5100 Glenwood drive Williamsville NY 14221 see last report for equipment

6/27 Tr 0000 Detroit	6/30 ES 2259 KTIV 4 IA 612	7/1 ES 1816 WBRZ 2 LA 111
Greenbay 32,38	2304 KIMT 3 IA 612	7/2 ES 1100 KMIV 3 NE 893
N. Mich on 7,9	2330 KMIV 3 NE 893	1145 KDHL 3 MN 707
under locals	7/1 ES 1200 KBSD 6 KS 1194	1200 KGAN 2 IA 671
6/29 ES 1500 KATC 3 LA 1168	1300 KALB 5 LA 1118	7/8 ES 1100 WBRZ 2 LA 111
1530 KTBS 3 LA 1090	1715 KXAS 5 TX 1224	7/16 Tr 0000 Cleveland,Akron
1630 KOTA 3 SD 1227	1720 WKRG 5 AL 985	H2Otown,snowFree
1717 KDLO 3 SD 947	All 3 over CBLT-5	0900 WNW0 24 OH 255

(SEE NEXT PAGE FOR THE REST OF GREG'S REPORT)

## Eastern TV DX

September 1991

Greg Coniglio continued

7/16 Tr 0903 W48AP OH 255	7/16 Tr 1825 WLUK 11 WI 475	7/22 ES 1731 KMTV 3 NE 893
Chanel America LPTV	Green Bay,VHF DX record	1801 KDLT 5 SD 938
-XLTR DX record	7/19 ES 1800 WPTV 5 FL 1134	7/26 ES 2156 KIMT 3 IA 613
WUFW 36 perfect	+ FL regulars	
0930 Ft Wayne IN	7/20 ES 1555 WCTV 6 GA 897	7/26 ES 2200 KUSD 2 SD 962
36-s/f 63 Angola wk	1600 WEDU 3 FL 1066	

The season picked up somewhat during the second half, but not enough to rescue it from the fate of being my worst season to date. Only "big" openings this year was July 1 tho June 26,29. July 2 & 19 were OK. I hope tropo start picking up late this summer and this fall: not much of that so far either.

73's Greg

Jeff Wolf 1131 University Blvd W Apt 701 Silver Spring MD 20902

6/30 ES 2044 OCI 2 NE	7/6 ES 1140 UNID 2 NBC	7/19 ES 1841 MUF 92.9
2233 UNID 3 ABC	1143 UNID 2 CBS	2018 MUF 106.5
2300 KGFE 2 ND	1150 UNID 3 NBC	2026 UNID 6 NBC
2351 KDLO 3 SD	1413 MUF 2	2100 WEDU 3 FL
7/1 ES 0015 KUSD 2 SDt	7/7 Tr 0200 W40AH VA	2200 WPBT 2 FL
0200 UNID 2 z	0910 NC 16,WYED 17	2305 WESH 2 FL
1800 KTBS 3 LA 983	7/8 Tr 0035 UNID 31 o/WWPB	7/20 ES 0101 UNID 3 NBC
1929 KOET 3 OK	0056 UNID 16	0102 KJRH 2 OK
2016 KTBS 3 LA 983	0115 NC 22,28	0955 UNID 2 cci
2059 KJRH 2 OK 1031	0203 WPDE 15 SC	ES 1300,1429,1500
2114 MUF to 93.1	0238 WYED 17 NC	WPBT 2 FL
2130 WREG 3 TN	very good	1809 MUF 102.9
2158 UNID 2 CBS	0300 W34AX NC	2044 MUF 2
7/2 ES 0124 UNID 2 tp	0800 NC 22,28,40	2347 MUF 2
0158 MUF 3	7/14 ES 1216 MUF 2	7/21 Tr 0915 SC 15, NC 16
0222 UNID 2 cci	1958 UNID 2 NBC	0940 UNID 17 cci
7/3 ES 0013 MUF 2	7/15 Tr 0615 SC 15 t	over WYED
Tr 0311 WFT 27 t	ES 1759 KBME 3 ND	UNID 35
NC 16,28	1803 KDLO 3 SD	ES 2021 MUF 3
7/4 ES 1845 MUF 3	1900 KGFE 2 ND	7/22 ES 0749 KOET 3 OK
7/5 ES 0800 KPRC 2 TX 1235	1903 UNID 3 ABC	1800 KGFE 2 ND
1951 KUSD 2 SDt	1959 KDLO 3	7/25 Tr 2320 WNEP 16 PA
2013 UNID 3 CBS	2030 Fade outs	7/27 ES 0827 MUF 2
7/6 Tr 0715 WPDE 15 SC	2312 KUSD 2 SD	
WYED 17 NC	7/16 ES 2059 MUF 2	
0906 NC 11,22,28,40	7/18 ES 2018 MUF 2	7/28 Tr 0101 WSET 13 VA t
0932 UNID 35+ CCI	2308 KJRH 2 OK	
ES 1132 UNID 3 PBS	7/19 ES 1829 CUBA 3	

Ed Phelps Rt2 Benton KY (All phoned in to me-BN)

Notes Ch11 in Martin TN might be going off the air due to budget cuts.

July 10th;;KMBC-9-KS, KCCI-8-IA (Tr)-7/18 ES KGFE 2 ND, CBWFT 3 MB. WCIX-6-FL o/WPSD!  
 July 20th ES SUPER! WCBS-2-NY, WFSB-3-CT,WNBC-4-NY, WIAE-4-PA at only 517 miles!  
 HI-BAND SKIP 45 minutes, WWOR-9-NY, WPIX-11-NY tent.CBKT1-4-SK Moosejaw  
 July 22nd Tr WSB-2-GA finally logged, called station.  
 July 30th Tr KAKE-10 KS-508, KTF0-41-OK-410 ex KGCT.  
 July 31st ES KIII-3-TX, XHBQ, XEPE-2-NL, I finally ID-ed W53AZ as a TBN Birmingham AL.  
 July 24th Tr UHF to Chicago & Indiana incl WPMR-50-IL-350 miles  
 July 25th Tr WTTU-30-IN Grand Total 433 stations  
 To Tom Bryant...Call Ed Phelps

Dude from Joisey PO Box 2999 Clifton NJ 07015-2999

to be honest, this season was a stinker. On the 19th, when other members were getting short skip on 2-6 and Hi-band 7-12. I did see SOMETHING on channel eight. Normally Ch 8 here is New Haven CT and cannot be nulled out really. But I did see some cci on 8, I just assumed it was WGLA Lancaster PA (which by the way I never logged yet!) so I passed it by and didn't really think further of it until of course I had heard that there was hi-band skip that day. Bob Smolarek of West/Central Jersey did log Ch 3 from NC at only 450 miles or so! So that is it from here.

Goodking!!!!

Bill Nienajadly  
PO Box 2999  
clifton NJ 07015-2999  
202-478-3044 NO Collect

October 1991

Outoff 3 months

Nov 5 1991 Deadline

Sorry about missing a September column, I did mail my column in, on time along with my renewal and...HQ likely did not receive it. This column SHOULD be there this time as I am sending this out NEXT DAY AIR for 9.95 at my cost. On to DX, and get ready for fall tropo!

Ed Phelps Benton KY

August tropo: first week..K69FN Crestwood MO @ 165 miles, K66CN Harrison AR (near Fayetteville @ 275 miles....Aug 29 Tr W53 AF Boonville MS @ 150 miles Unity Broadcasting, they do run some TBN. totals up to 436 stations

Bob Seybold 10567 Bennett Rd Dunkirk NY 14048 (716) 366-0957 (Host of the 1991 Convention)  
7 ft dish w/channel Master amp, channel Master 1110 VHF, 6 element FM-rotors on all antennas  
-Hills antennas 7ft dish with new amp from Jim Dietrich, Winegard 5200 VHF both with rotors.

As for E-Skip, only a few really good open-ings May 1st - Aug 15th tropo fairly good most of the summer, lot of warm humid days, The best openings late June to July 15th. Warm humid days induced early morning and evening tropo especially to 400 miles to the west mainly. Didn't really get into intense DXing until the week before the convention, when I installed antennas in hills for the convention -period...August 2-9th the following stations were seen in this time period, WMGU-14, WANE-15, WICD-15, WTAP-15, WLYH-15, W15AA Rochester NY: WNDU-16, WQEX-16, Dayton 16,22,68 (new): Scranton 16,22,38,44, Watertown 16, Grand rapids 17,35: WLF1-18, WHIZ-18, Elmira 18 & 36, WJCM-19, WUTR-20: Indianapolis 20,40,59: WPTA-21, WDCG-20 -Harrisburg 21 & 27: Hershey 33, W22AA Olean, WSBT-22, WPTt-22, WKAR-23: Altoona 23: TVO-24 -Ottawa...WEYI-25, WCIU-26, WJTC-26, WBGU-27, WJSV-28, WFUM-28, WBRE-28: WFLD-32 (Chicago-BN) KRIN-32, WKY-32, WKJC-33, Cadillac 33, WNIT-34, WLIO-35, Binghamton-34,40,46: WOSU-34, WADL -38, WCFC-38, WFWA-39, Greenville TN-39, Pittsburg 40, WUHQ-41, Sandusky 41: WPBO-42....

Bloomington IN 42 & 63, Richmond 43, Lima 44, cambridge 44, Dayton 45, WHME 46, Altoona 47  
Lansing-47,53,67: WCET-48, Newark OH 51:..W51AA Butler PA, Sandusky 52, Kalamazoo 52,  
Muskogean MI-54, WFTT-55, Plattsburg NY-5, W59AA Rochester, Chicago 60, Hammond 62 (new).  
Many TVO,CBC, Ontario U's seen..

The following seen during the convention...9/11 all Chicago, Ft Wayne Jukebox, South Bend U's: Kalamazoo 52,64: W45AA Ft Wayne Video Juke Box (new): W65AA Springfield ILL (new) W36AA Palatine ILL.tent: WICS-20 Springfield, WICD-15, Poughkeepsie 54 (WTBY-BN), Smithtown 67 Riverhead 55, NJ U's, Washington 26, Tenn 39. St Louis 30: Cincinatti, Dayton, Columbus U's, lansing (new), and many other, IN,IL,MI U's- Also Milwaukee U's 18,30,36, 58 (new). Some E-Skip-brief no ID's,....more recent tropo 8/23/91 ... Ft Wayne U's, South bend U's all super -WICD-15,WTAP-15, Dayton-16,22,45, Oxford 14, W39AA Younstown(repeat of Canton 17) new.. WLF1-18, WMCC 23, Michigan U's 14,17,19,20,23,26,28,31,33,35,38,41,47, 49, 50, 52, 53, 56,62, 66(2), 67, ...French-39 to North East (new), Ottawa 24,40,- Montreal 35, Canadian U's to N. Super strong incl...Little Current 16 (rare). Newark 51: Columbus, Cincinatti 48, Lexington 36, Tenn 39 also new.... Aug 2 ..Knoxville 15, Aug 23 continued east St Louis 46, also Sandusky 41, Toledo 48 both LPTV: Chicago 26 & 60, August 24 Supertropo opening: Michigan U's super strong, also Milwaukee 18 very strong plus 30,36,58, WLF1 18 strong: also WMCC23: Hammond 62 Bloomington, Indianapolis U's very good: Richmond 43, Decatur 23 strong, Rockford 17,23,39 good. Chicago U's WICD, WICS 20, WLKY 32, Columbus U's, Dayto U's  
Then Duct into Minnesota (noted about 1030 EDT-St Cloud 41, Austin 15 (new), KSAX 42 (new) K65- 65 translator of KMSP-9 (new) Redwood Falls. land of Lakes 16, Cadillac 33, Muskogean -54, Kalamazoo 52, Grand Rapids 35 & 17, Northern Indiana U's strong.....Then evening tropo ....madison 15,21,27,47, all very strong: WMCU 14 super Chicago U's very strong. W33AA Madison -LPTV, TBN (new), WHRM 20, Milwaukee 18 & 36.

August 25-0500-0945 EDT ...-super opening to Northren Wisconsin, all Green Bay U's 26,32 -38 strong,also W57AB Green Bay (new), W15AA Grand Rapids (WHNE) all Milwaukee U's 18,24,30, 36 & 58, Grand rapids 17 & 35 very strong: W46- Spanish Milwaukee new: W43- Channel America new: K58QM - Duluth (TBN). W65- (WCIU-26 new) Milwaukee,...Michigan U's 52,54,64,14,19, 23,25,28,53, 62, 47, 41, 33 very strong: also Marstee 21, Chicago U's strong, Rockford 17 & 39 Dubuque IA 40, Indianapolis 20,46 & 59, ..W59- lansing (new).... thats it for now. New system in hills location seems to work the best of any I have tried to date. 73's Bob

Harry Hayes 9 Henry St Wilkes Barre PA 18702  
7/30 ES 2020 ICR 2 CUBA 8/11 ES 1229 WEDU 3 FL 8/11 ES 1315 WUFT 5 FL  
8/8 ES 1700 WMAB 2 MS 1245 WJXT 4 FL 1455 KBTX 3 TX  
1735 KJRH 2 OK 1300 WPBT 2 FL 2305 KSNC 2 KS  
8/11 ES 1210 WESH 2 FL 1301 WSAV 3 GA 2315 WPBT 2 FL

(Harry's comments on next page-BN)

EASTERN TV DX

OCTOBER 1991

Dave Nieman 12284 Nice Road Akron NY 14001-9529

Equipment: RCA 19" b&w TV w/Teknika 6510 tuner, CM 3617B VHF at 23', CM 7' dish w/Blonder-Tongue CMA-Ub preamp at 30'. Using RG-11 coax.

August 1991

6 Tr 0830 CBCE 16 ON 266 25 Tr 0138 WNDU 16 IN 404 25 Tr 0957 CHNB 4 ON 218
11 ES 2200 KOTA 3 SD 1235 0200 WXTM 17 MI 355 "MCTV"
13 Tr 0103 CIVM 17 PQ 300 0223 WSBT 22 IN 404 1000 CICO6 6 ON 218
0800 W48AP OH 265 0655 WJUP 10 MI 348 "TVO"
"Channel America" 0900 CBCE 16 ON 266 1100 WKAR 23 MI 299
Toledo "MCTV" ES 2100 KSWK 3 KS 1234

Nice meeting all who had time to make it to the WTFDA convention at Bob Seybolds. Thanks to Bob Seybold for being such a great host. Dave

Harry Hayes continued from bottom of last page....

E-skip was quite good on 8/11, the last hurrah for a painfully disappointing 1991 season. As of 9/1, no tropo of significance were noted on UHF or else where. A week of stifeling hot & humid weather at the end of August failed to produce any tropo. A winter like cold front came in on 8/31 & bought winter like conditions as well on UHF. I hope this high weather system will become static enough and produce some high pressure tropo. We still have 3 months really for some tropo to develop.

Christopher S. Dunne, 21541 NW 8 Ct., Box 81, Pembroke Pines FL 33029

Forgot date Es 8/12 Es 8/23 Es  
1230 WSIL 3 IL 880 1700 WPSX 3 PA 990 morn KIII 3 TX 1010  
(See Note 3)

8/7 Es 8/19 Es  
0930 unid 3 SS 1129 KFDX 3 TX 1150  
(See Note 1) "wichita Falls"  
1230 unid 3#SS  
(See Note 2)

Notes:

- (1) Relog, "Canal de las Estrellas" + XEW logo. Seeing the Mexico City newspaper in the downtown Miami library, XEW-2 is also called "Canal de las Estrellas". Dunno if affiliate or relay. Could be Monterrey.
- (2) This one was in \$ and had Pink Panther cartoons. I say it's Guatemala City, Guatemala; Fabu stereo 88.1 was in as well. I wrote Fabu for QSL & gave info on my Ch 3 log; hopefully they will respond.
- (3) Never saw this till 1991; now a pest! Knew it from logo.

# = color. See past VUDs for equipment used. Setenta y tres again

*Chris*

ED Notes...I know I have another 2 or 3 pages for the October column, but work obligations and limited time precludes me from finishing the October column. Im very sorry for this major inconvenience. It does happen once in a while, though NOT all the time, so please be patient and the rest of all your eports WILL appear in the November ETVDX. Again sorry for the 2 pager this month. Thanx for understanding! Dude from Joisey

Bill Nienajadly  
PO Box 2999  
Clifton NJ 07015-2999  
1-201-478-3044 no collect  
Deadline Dec 8 1991

November 1991 3 month cutoff

I am going back to using this much smaller type again as it saves space, but it does not look as good as the other one I was using for awhile. Before we go and finish the remaining reports from last month, lets take a quick look what happened 5 years ago this month.

Flashback to "Thanksgiving 1986." ..An incredible super tropo condition developed with loggings so amazing, that conditions even lasted into the broad daylight with several UHF stations on each channel. The following were culled from various VUDs. For you newer members, this is what it was like...Bob Seybold of New York said.....  
.. "Most channels several deep all the time. 1000+ miles with local quality strength. Many 800+ mile stations completely wiped out regulars.." Bobs logging's were like this...KCRG-13-MD (720 miles) on open terminals with(no antenna attached)..." Steve West of PA (near Philly) said..." The conditions on Thanksgiving weekend were incredible-like 10 ducts at one time, always changing strength and direction.." Harry Hayes of Wilkes Barre, PA remarked..."An E-skip opening on UHF.." What really was amazing were the two way paths that occurred like Danny Buntin of Stillwater OK receiving ch 29 in Buffalo NY and Bob Seybold of NY getting ch 14 in OK not to mention also KBVO-42 of Austin TX at a totally amazing 1325 miles. Other top loggings included Rich Wertman of NY logging KQMC-34-OK at 1129 miles. Glen Jacobs of PA logging KTBO-14-OK at 1254 miles. Harry Hayes with an indoor dish logged WEEK-25 IL at 710 miles. To this day , many TVDXERS swear that this was the best opening ever. Well fellow DXERS here is november, will this happen again? Keep watching. Let this retrospective of "Thanksgiving 86" remind you that VHF/UHF dxing can really be truly exciting and will keep you on your toes for the next "Thanksgiving 86".

Tom Bryant 849 Todd Preis Dr Nashville TN 37221 CDT

8/12 ES 2059 KTVS 3 CO 1138 8/23 ES 1859 KPRC 2 TX 688 8/23 1907 XET 6 NL 1065 8/23 ES 1929 KIII 3 TX 851  
8/23 ES 1856 KBTX 3 TX 647 ES 1906 KCEN 6 TX 677 1915 KRIS 6 TX 847

Notes: 8/23 opening was about the second best this year. KPRC (previously logged as Ms) seen 'floating' under local WGRN. Fin's from Monterrey also in MUF approx 94.5. 73's Tom

Frank Wheeler 6589 Wattsburg Rd Erie PA ALL E-SKIP

7/1 0928 KJRH 2 OK 927	7/2 1130 KGFE 2 ND 960	7/18 0930 KSNC 2 KS 1009	7/19 2300 KPRC 2 TX 1212
0932 KTVY 4 OK 1030	7/8 1300 KPRC 2 TX 1212	1200 KTMW 2 WY 1328	7/20 1700 WPBT 2 FL 1110
1130 WPBT 2 FL 1110	1500 WEDU 3 FL 888	1218 KSNW 3 KS 962	1800 WEDU 3 FL 888
1200 WEDU 3 FL 888	1200 WBRZ 2 LA 1016	1905 KNOP 2 NE 1059	7/22 0855 WEDU 3 FL 888
1630 KTVS 3 LA 992	7/15 1538 KTMW 2 WY 1328	2000 KBTX 3 TX 1183	7/30 1800 WEDU 3 FL 888
7/2 1300 KTVY 4 OK 1030	1800 KJSD 2 SD 895	7/19 1700 WEDU 3 FL 888	
1100 KJSD 2 SD 895	7/18 0900 KJRH 2 OK 927	1958 KTRH 2 OK 927	7/31 1645 WEDU 3 FL 888

Doug Smith 14 Brookside Court Nashville TN 37209-4503 CDT -Sears Stereo 19", rabbit ears, RS corner reflec @ 6 ft  
ALL Tropo July 1991 except July 30th was E-Skip

2 2300 WFIE 14 TN 121	2 2300 UNID 12	29 0630 WBIR 10 TN 158	29 0820 UNID 62
W46- TN 82	(Note # 1)	W3CH 43 TN 157	(note # 4 )
Cookeville TBN)	4 0000 WJIN 9 IN 128	W27AN TN 40	WTVW 7 IN 128
WDSI 61 TN 106	WUKY 32 (IN)158	(MurFreesboro CHA)	30 ES 1400 UNID 3
WBMG 42 AL 177	WDRB 41 (IN)157	0820 WBAK 38 IN 208	UNID 6
WVAL 44 AL 150	UNID 13 NBC	WNTN 9 IN 128	(Note # 5 )
UNID 23	WHAS 11 (IN)157	W52AZ IN 128 -see note # 3	

Note # 1 Both of these UNIDs were running Love Connection, but not in parallel. Suspect ch 23 was KBSI-MD.  
Note # 3 (No # 2 ?-BN) Tentative-all news program (not CNN or Headline News). W52AZ is supposedly with the All News Channel. 3rd LPTV state: that's 1 more than I ever saw from Wisconsin..

Note # 4 TBN, seems to beam the same direction as Evansville and Terre Haute.  
Note # 5 Channel 3: PBS in Stereo. Probably WEDU. Channel 6 CBS Either WCIX or WCPX.

Comments: Should have probably tried FM harder during the 7/29 opening. Still need Illinois on FM & it shouldn't have been too hard to do that morning. Dunno why I can't find WICT-27.. I've seen Memphis, Jackson, Paducah & Cape Girardeau, and on the 7/29 opening NWS station WMM49 (162.425 Mhz, licensed to Paducah but with antenna on WICT's tower) was full quieting-into a 19" whip antenna.. So far..I've received one Illinois station (besides WMM 49!) on VHF/UHF: WYCC-20-Chicago, about as far away in Illinois as you can get! The July 30 ES was pretty good on FM. Was hoping for Cuba, and I did hear tone mixing with WCIX audio on the car radio while rushing home to DX..

Joel Rosenberg 19 Glenayr Rd Richmond Hill, Ontario L4B 2N9 (416) 884-8454  
5/15 Tr 1830 WITI ?? NY new call 6/13 Tr 2330 WAKC 23 OH 235  
5/20 ES 0900 ??? ? ? 1st ES 6/14 Tr 2300 CFJP 35 PQ 325  
1345 ??? ? ? ? no IDs 6/17 ES 2305 UNID 3 CTV  
5/23 Tr 2300 UNID 35 Montreal? 2330 ATV 4 CTV  
5/28 Tr 2300 Scranton-16,22,28 lite sw 7/1 ES 1245 UNID ?  
38,44-cci 1306 KDFW 4 TX  
6/8 ES 1800 ES picking up 1530 UNID 3 PBS-KS? 7/18 ES 0745 UNID 3 PBS  
1907 KARK 4 AR 7/11 Tr 0745 WETE 30 OH  
6/9 Tr 0930 WJTR 20 NY 215 CIII 22 ON  
7/20 Tr 0745 WXXA 23 NY  
ES 1900 KJRH 2 OK  
KLINE 3 NE  
1925 UNID 4 NTW//KAKE-10  
2000 KSMK 3 KS  
(It is in Lakin KS-BN)  
7/20 ES 1630 Weak no IDs

Eastern TV DX November 1991

Joel Rosenberg continued...  
On 5/29 @ 2300, on ch 22 religion. Scranton in strong at the time. including WYOU-22, a TBN station parallel to WNYB-49 Buffalo came in through a null aimed east of Scranton, thats it for now. 73's Joel

Jim Renfrew 61 Wilcox ST Rochester NY 14607-3832 GE color TV, radio shack rabbit ears ALL TROPO LOGGINGS  
8/1 2230 UNID 3 8/16 2310 WTVT 53 VA-s/off 8/17 0159 WHPV 65 NJ 8/17 0836 UNID 67 cci u WMPB  
(See Note # 1) 2314 WQAL 8 PA 0206 WTVZ 33 VA (WSNL Smithtown NY-BN)  
8/16 thru 8/17 8/17 0130 WNTT 27 VA 0211 WGTI 61 DE 0858 MLTW 21 NY  
SILVER SPNG MD 0135 WTFX 29 PA 0245 WJLH 35 VA 9/7 0811 Rochester NY  
2300 WHRO 15 VA 0158 WGBB 49 PA 0829 WPMI 43 PA 0311 UN 8(See Note # 2)  
0340 UNID 60(See Note # 3)

Note # 1: UNID-3 British accent drama under WSTM-3 Syracuse, no ID break. CIII-2 not observed, so wonder if WPSX instead of OKVR?  
Note # 2: UNID-3 weak Pay per view cable station (221-1000 # at the bottom of the screen during movie previews). scrambled at 0330. No cable line anywhere in my house! Local PPV is cable ch 3. WSTM-3 off. What is this? (Jim, it very likely was cable leakage from somewhere outside along the lines-BN)  
Note # 3: UNID-60 w/Lifecall PSA, 1-900-820-7300 ad, "sattle Mates" Western movie then faded. I have no idea what this is. Long distance unlikely due to rabbit ears and little evidence of tropo on other channels. Most locals (and images) Off. (Jim, I don't know who it is. Send it in to the CCI column-BN)

Greg Coniglio 5100 Glenwood Dr Williamsville NY 14221 See previous VUDs for equipment set up.

7/29 ES 2320 WLBT 3 MS 978	8/13 Tr 0000 Toledo & Det vgd	8/13 Tr 2300 CIVM 17 PQ 306
KATC 3 LA 1168	+SW Ont, NE to Mont&Ottawa	w/lcl WNED-17 @11mi on!
7/30 ES 1100 WEDU 3 FL 1066	0030 CIVM 17 PQ 306	8/14 Tr 2320 CBLN 45 ON 146
7/31 Tr 2130 Detroit U's-s/f	Local WNED-17 off the air	8/25 Tr 0035 WJYS 62 IN 440
2300 WGN 52 OH 237	0030 cci to lcl WNYB-49!	(Hammond/Chicago HSN)
WFWA 39/WKJG-33	0055 W64AK OH 165	0045 WNDU-16, WSBT-22
8/2 Tr 0000 WCFE 57 NY 266	(Conneaut WVIZ-25 Clev)	WNIT-34 & WME, S.Bend
Kingston,H20town,NE OH	+8,19,43,61 Clev-s/f	gd @ 394 mi,+tent Chicago
8/12 ES 1900 KOTA 3 SD 1227	0800 WCFE 57 NY 266	9/1 ES 0000 KGFE 2 ND 996
8/13 Tr 0000 Cleveland-lcl-s/f	2300 CFJP 35 PQ 306-n/s/f	0000 KBME 3 ND tent.

First September ES, and just barely made it, it was gone by 0045! the e-skip seemed to hang in there later this year than in recent years. Maybe it was making up for the poor start to the season. there was some skip on Sun.Aug 11 at the convention, we saw WWAY-3 Wilmington NC. A lot of tropo this time, but only one opening of real consequence (the 25th). Fort wayne (357) and Toledo , Ohio (255) have been showing up very frequently this summer. i will only report them from here on if they come in with a strong signal. thanks again to Bob Seybold for hosting the convention this year-we all had a good time!

Greg now reports from his Vacation spot in Hampton Beach NH August 17-24

WGBH-2-MA-s/f	WFTW-8-NH-gd	W17?? ME-gd	WFXV-25-MA-s/f	WSBE-36-RI-exc	WGBY-57-MA-poor tent
WFSB-3-CT-fair	WMLR-9-NH-s/f	TBN Bangor	WMEA-26-ME-s/f	WSBK-38-MA-exc	W30T-60-NH-exc
WZL-4-MA-s/f	WJAR-10-RI-exc	UNIDS upper	WTVS-26-CT-fair	WGBX-44-MA-s/f	WMFP-62-MA-s/f
WCVB-5-MA-s/f	WCCB-10-ME-exc	teens Spanish	WHLL-27-MA-s/f	UNID 46 or 47	saw color bars & old movie
WCSH-6-ME-s/f	WUNH-11-NH-s/f	WTVX-20-CT-poor	WVIT-30-CT-poor	WNDS 50-NH-s/f	WHSB-66-MA-s/f
WJNE-6-RI-s/f	WPRI 12-RI-exc	UNID 23 or 24	W33AK NH-exc	WPXT-51-ME-s/f	
WHDH-7-MA-s/f	WQME-13-ME-exc	WCCB Augusta xtr	Nashua VJN	W.VI-56-MA-s/f	WQTV-68-MA-s/f

Distances approx for above....:NH Derry 55, manchester 62, Durham 20, Mt Washington 95 miles  
MA Boston 44, N.Bedford 92, Springfield 104, Lawrence 23, Worcester 64.  
RI Providence 80, CT Hartford 120, New London 124, Waterbury 148.  
ME: Biddeford 39, portland 57, Augusta 112, Bangor 168.

Skip was seen Thurs evening 8/22 around 2200. KETS-2-AR popped over WGBH with a fundraiser. Also tentative WREG-3-TN on ch 3, coming in with WFSB's audio. CCI was seen up to ch 6, but no FM ES noted. maybe someone knows what some of the UNIDs are, presumably new translators; 33 or 34 with Boston Video Jukebox, excellent signal if it is fact a LPTV on 17 w/TBN, which I assume is Bangor from the listing printed in the May VUD. Also Spanish around 18-20 on a rotary dial TV, and the WCCB xtr on 23 or 24. Also noted on the road, 64 TBN in Albany is on the air, and there seemed to be a LPTV in Utica on channel 11. We were there for Hurricane Bob: quite a experience, spending a whole day in a shelter. after the hurricane, conditions were very dead, but gradually improved. I was amazed how strong Boston station on FM/TV got into Hampton, 25, 38 and 56 were imaging, 4 & 5 were very hard to null, and even the VJN was almost snowfree. 73's Greg

Harry Hayes 9 Henry St Wilkes Barre PA 18702  
RCA 1971 color TV, Fincio 6' dish in attic, PA 4975 Amp.  
9/24 Tr 0850 WHAG 25 MD 145 9/24 Tr 0900 WITF 33 PA 100 10/2 Tr 0800 WITB 54 NY 100

DX is still "el stinko", too much dry weather and cool temps this fall. October is starting somewhat warm & moist so possibly still some hope left.



Matt Sittel PO Box 21451 511 J Wood Hall NCSU Raleigh NC 27607 (919) 834-6053

Equipment: 4-bay bowtie UHF, Winegard CP-4800 Amplifier, Rabbit ears fore VHF, Armstrong Rotor for all!

8/18 Tr 0830 WFTY 50 DC 242
8/19 GW 1358 W57BO NC ??
8/22 Tr 0830 WTAT 24 SC 200
8/23 ES 2000 UNIDS 2,3,4,
8/28 ES 2140 UNID 4
8/31 Tr 0034 W51BH VA 166
9/2 Tr 0900 W1NS 21 NC 229
9/5 Tr 0900 WTAT 24 SC 200
1835 WCES 20 GA 266
to WTAT 24 SC 200
2330 WAGT 26 SC 239
W5GAR NC 28
Smithfield TBN
9/6 Tr 0532 WEBA 14 SC 233
to WJWJ 16 SC 236
1017 WCES 20 GA 266
WTAT 24 SC 200

9/6 Tr 1017+WDCO 29 GA 344
9/8 Tr 0506 W19BC VA 113
Lynchburg-Family Net
0958 WTAT 24 SC 200
WFTY 50 DC 242
WTKK 66 VA 225
9/10 Tr 0813 WBOC 16 MD 255
to WETA 26 DC 241
0921 WFTY 50 DC 242
9/12 Tr 0830 WBOC 16 MD 255
0900 WTAT 24 SC 200
9/14 Tr 0820 WTAT 24 SC 200
9/15 Tr 2159 WTAT 24 SC 200
9/16 Tr 0113 WITV 7 SC 200
to WEBA 14 SC 233
1035 W1NS 21 NC 229
WTAT 24 SC 200

I hope everyone has been getting some fall tropes by now, although technically the above is summer tropes, hi! I purchased a new amplifier from Rich Wertman, and I am very pleased with the results. I hope to get more tropes with it. 73's Matt

John F Combs PO Box 7581 Tallahassee FL 32314

(904) 878-6317

ALL SEPTEMBER 1991 TROPO

5 0600 MLTX 19 SC 325
WTAT 24 SC 317
WJPM 33 SC 373
WACH 57 SC 313
0605 W67BJ GA 214
Savannah TBN
0607 WPOE 15 SC 394
0626 WRLK 35 SC 319
W51AR GA
Tifton ACTS
6 0840A11 Tampa Bay
LPTVs 14,24,61
63,68 Super
W14AW over
WABW-14 !
0852 WNPL 46 FL

13 2308+ W6SE 43 SC 393
14 0047 WJUE 8 LA 341
0050 WYES 12 LA 341
15 0034 N. Orleans8,12,26,38
0105 WHLT 22 MS 302
0111 WITZ 24 MS 292
WLBM 30 MS 292
WML 4 LA 346
0900+Many signals incl
Meridian,Columbus,Charles-
-ton,Fayetteville-too busy
16 0615+W6NO 26,WTAT-24
21 2200 WMPN 29 MS 381
2225 KLRT 16AR 565
2244 WAPT 16 MS 377
2259 WANS 38 AR tent
22 0004 WKQJ 23 MS 420

And Tom Bryant continued..

..W43AG in Hopkinsville, KY (70 miles) really gets out..on 24 hrs..mostly NEWS CHANNEL satellite feed but some local origination..always a small '43' logo superimposed in the lower right corner. Im really anxious to see what this system will do when a good opening pops up! 73's Tom

Mike Reid 1408-65 Spring Garden Ave. North York ON M2H 6H9 Zenith 19", Icom R-7000, RS 2 bay & AC-4990 amp

ALL TROPO LOGGINGS

7/11 0631 WEYI 25 MI
0650 CBEFT 25 ON
0710 WKAR 23 MI
0711 WFLM 28 MI
0730 WVCX 35 MI
0752 WMD 24 OH
7/12 0840 WSNR 43 NY
7/15 0652 W0XA 23 NY
0615 WEYI 25 MI
0650 W65AJ NY
0840 W64AJ NY
W62AS NY
W66AD NY
7/16 0723 WDC 67 OH
0735 CBLN2 34 ON
0745 W72AQ NY
WB1AI NY
0825 WFWA 39 IN
0830 W80AK NY
0845 W6GN 52 OH
W10 35 OH
0950 W64AF NY
7/17 0845 Ft Wayne-33-39
8/7 2345 W5Y7 68 NY
CBLFT17 68 ON
W62AN NY
W6PR 62 MI
2357 WADL 38 MI
8/8 0002 WKAR 23 MI
8/8 0016 CBCE 16 ON
0427 CBLN2 20 ON
0432 C1CO 24 ON
0435 WFXV 33 NY
w/muchmusic (?!-BN)
0500 WSNR 43 NY-----1
0915 Binghampton 34,46
8/13 0900 CHLF2 39 ON
0920 C1C096 48 ON
8/16 2320 Ft W,33,39,55
2321 W6GN 52 OH
9/02 WMTV 36 WI
8/17 0101 WMD 24 OH
0520 CBLFT17 68 ON
0525 Det.,20,38,56
8/22 Ft Wayne,21,33,55 @ 0300
8/24 2345 Ft Wayne U's
2358 WKAR 23 MI
8/25 0000 WDC 23 IN
WMD 16 IN
0010 W6XN 20 MI
0030 W6XN 59 IN
0045 W64AV PA
0125 WLF1 18 IN
0205 W6TM 18 NY
0259 WDL1 17 OH
0311 WJVS 62 IN-HSS
0344 WEYI 25 MI
0401 W1JC 26 OH
0401 UNID 25-----2
8/25 0415W48AP OH-ss rx
0422 WEHS 60 IL
0440 WTLJ 54 MI-HSC
0445 WFLD 32 IL
0457 W6FC 38 IL
0558 W6MI 66 MI
0622 WMMI 17 MI
0742 W6VK 52 MI
0755 W6MU 14 MI
0815 WDJT 58 WI
0843 WKEF 22 OH
0902 WMTV 36 WI
0940 CBCE 16 ON
1017 UNID 15-----3
8/28 0720 WKAR 23 MI
WEYI 25 MI
0740 UNID 59 -----4
0845 CHLF2 39 PQ
C1VO 30 PQ
8/31 0215 W6K1 33 MI
0235 WTLJ 54 MI
0312 WMMI 17 MI
0315 WFLD 32 IL
0320 WEHS 60 IL
0335 W668V MI
0700 Ft W, 15,21,33,55
0725 W48AP OH
0825 Scranton 16,22
9/2 0005 Ft Wayne U's
9/2 0120 WDC 23 IN
0200 C1VO 30 PQ
9/4 0922 W0SU 34 OH
0925 W60BE OH
9/7 0845 W6MU 14 MI
0940 Ft Wayne 39,59
9/11 0915 Ft Wayne U's
0929 W668D IN-----6
FE Wayne IN
0952 WSBT 22 IN
0955 WNTT 44 OH
1000 W0UC 34 OH
1020 WMD 16 IN
2330 W6RA 15 VA
2344 W6FC 38 VA
9/12 0007 Sreanton 16,22
0035 WANE 15 IN
0715 WKAR 23 MI
0900 WDC 44 OH
0920 W0UC 20 OH
0929 WITE 28 OH
0930 W0SU 34 OH
0935 W6TM 39 TN
0945 WTC1 45 TN tent
0955 WTLK 14 GA
1045 W1AP 15 W
9/13 0915 Scranton 16,22
0935-WDC 34 NY

----Notes--- # 1 light snow, watchable. W18AL IDs.-----# 2 25+ w th religous program. Suspect Marion IL. Not WEEK.
---# 3 15- CBC English w/satellite delay from CBLT. Ottawa/Mt. Laurier FM's coming in very well. Suspect Maniwaki PQ over Temagami ON. Certain station had a minus offset, there was slop from WANE (15+) however. Anyone have current offset information on Maniwaki?-----# 4 CBOT repeater w/plus offset. Obviously new.-----# 5 Really was a open -ing to Rochester, Syracuse, Utica, etc. Funny what can creep in.-----# 6 Local fundraising. W1NN x1tr?
---# 7 A good reason to start bandscans at ch 14, even when you don't think there is anything to get. 14+ with Family feud. About 730 mi, new distance record for this place. (Nice going!-BN)

At 0900 on 8/29, CBLFT-25 was +21 khz off frequency, by signoff this had to increased 27.5 khz. this caused a similar drift in the repeaters as well. they were back to normal the next day. CBOT-5, McArthur Mills now has a zero offset As I write this (9/30), there seems to be some tropo activity after a stretch of no tropes.

Here are some offset information for some allotments that are newer than the TV Data Base and for some stations whose offsets weren't given there, All Ontario

Chatham 64+ Little Current 16+ Midland 51z Wingham 45z (Mike, thanks for that very
Cloyne 55- London 53z Penetang 51z Wiarton 20- Valuable information, I'm
Cobourg 27z McArthur Mills 42+ Sud bury 25- Wiarton 20- others will benefit-BN)
Hawkesbury 39-,48+ Midland 7z Samia 34- Hull PQ 49z
Kitchener 56+ Owen Sound 4+ Toronto 41z
73's Mike

Saul Chemos PO Box 611 Orillia Ontario L3V 6K5 From Burnt River
8/13 ES 1357 WPBT 2 FL 8/25 Tr 2145 CB 56 ON-CBC,EE 8/25 Tr 2230 WJVC 35 MI
2145 CB 40 ON-CBC-EE 2235 C1CO 32 ON-TVO
8/25 Tr 2045 W6XN 20 MI 2205 WJAB 43 OH 2312 CBLFT 61 ON-HF
2100 WMD 24 OH 2208 WITZ 25 OH 2314 CB 45 ON-EE
2104 C1CA 53 ON-TVO 2212 UNID 49 (MNYB-49?-BN) 8/26 Tr 0023 CB 20 ON-EE
2140 WJ10 19 OH-Fox \*\*\*\*\*
\*\*\*\*\*
From Orillia
7/19 ES 2315 WPBT 2 AL 7/22 1730 WDIQ 2 AL 7/22 1743 K5NC 2 KS
-----See next page for the rest of Saul Chemos' report-----

Tropo begins its annual fall comeback! the opening of the 21st & 22nd was strange- nothing on the weather map indicated any hint of potential tropes. I confirmed KDEB-27-MD by phone-turns out using TVG would have done no good as a ballgame had delayed their late night schedule by about 2 hours! I had ocd on 21 & 33 earlier that evening that was likely Springfield,too. All signals in this opening were rather wimpy (except KLRT-16, which was in color at times). Anyway, KDEB-27 is now the longest overland tropo I've seen! .. been a good month when one can log 3 new stations on the same channel as a local (27) after that local signs off (WRJA,WLOV,KDEB)

My mother bought an Ambassador 12" B & W TV at a garage sale-it turned out to have a really decent tuner in it for both VHF & UHF! I swapped her for it and will put it to the test Oct 6-11 when I will be staying a top Mt Cheala AL. This is not a DXpedition , but a vacation, so equipment will be minimal: the 12" TV, a UHF 2-bay, a preamp and bunny ears. Hopefully, WCIQ-7 won't be too much of a problem. 73's John

Tom Bryant 849 Todd Preis Dr. Nashville TN 37221 CDT

ALL TROPO LOGGINGS

9/22 0003 KSPR 33 MD 344 9/22 0100 WJLA 10 AL 372 9/22 2344 WITTO 21 AL 176 9/27 0136 W62BH KY 70
0028 KOLA 10 MD 345 0106 KAIT 8 AR 226 2351 WLOV 27 MS 198
0032 KDEB 27 MD 344 0159 KPLR 11 MD 254 9/23 0131 WDBB 17 AL 178 0159 W27AN TN 34
0059 WTKR 11 MS 275 1857 WTRI 26 AL 0143 W6MG 42 AL 176

Antennacraft P-5 @ 25 ft, (5 ft parabolic) w/ Antennacraft AP 7820 preamp, Antennacraft (VHF) CS-1000 @ 20 ft: RG-6U (two separate feeds), Archerrotor, 13" Portland TV & Emerson VCR 754-VHS.

Notes: Even what seem to be quite dead conditions, the results with the new antennas are remarkable...especially on UHF. For example, I'm now consistently seeing 22 from Cookeville TN: along with many others from KY, AL & MD that were seldom in with the old Archer VU-160. Thanks to Doug Allen for the advice & special DXer price on the new gear.

CALL LETTER CHANGE for ch 27 in West Point MS..was W5SB now WLOV. WDBB seen after local WZTV signoff, but WDBB stayed on with "incommercials". the new LPTVs logged were right under my nose all the time, but I just never got them with the old set up. (Tom returns on the following page....-BN)

Saul Chemos continued....

....not exactly a banner year. The channel 49 Gospel UNID gave phone #'s (618) 947-1851 and (714) 731-1000. Maybe Buffalo NY, but I have my doubts. This was the first time I've ever had moderate success on UHF with indoor equipment.

73's SAUL.

Tom Yingling Jr. ARS KASTCC 221 Pinewood Rd Baltimore MD 21222-2345 EDT local time ALL ES from Baltimore

Table with columns for time, frequency, and station names. Includes entries like 7/8 1600 ES weak ch 3, 7/19 1830 CUBA 3 NTV, 7/20 1100 WEDU 3 FL, etc.

Note: I just got my Icom IC-7000 from UPS, and there was skip in (how nice), hooked it up to my 10 meter ham vertical, heard another ch 5 audio that did not match the TV set. My first time to log one station on the vertical antenna while I was using another set on a horizontal!

For Baltimore: Sony TV model kv-1214, 1975 model year, Teknika TV Tuner model 6510, cheapie amp on VHF 12 db gain, Winegard 4975 on UHF, Channel master Quantum 1114 VHF antenna, plus a UHF dish, fixed direction (rats) rotors down. CM (Channel Master) traps tuneable, 7008 for ch 2-6, 7009 for 7-13, 7206 for ch 14-83. CM single channel band pass filter model (s) 7483 for ch 3, 0556 for ch 6. Microwave Filter Co. traps for channel 2 video, 5KV-2

\*\*\*\*\* DX received at Ocean City MD \*\*\*\*\*

Table titled 'ALL TROPIC LOGGINGS' with columns for date, time, and station names. Includes entries like 7/24 2230 DC-4,5,7,9,20, 7/24 2300 Salisbury, 7/25 1530 WNYT 53 VA, etc.

For Ocean City: TMK-717 AM/FM/SW/ 2 " B & W TV, 10 element yagi beam like antenna, 75 ohm feed (for old pay TV station ch 50) hand held, with Armstrong rotor, no preamps.

Notes to report ---# 1 Most Ocean City loggings came and went as the weather fronts came through the area ---# 2 Was using my Regency MX-7000 scanner on whip antenna

Well, thats all for now. I hope to have my antennas back to normal soon. The WHF antenna is fixed one direction, dish is down, I got a new tripod, now just to find time to put it all up again. 73's

(Ed Notes: Tom sent another report before this one, which I misplaced and unfortunately I can't seem to find it sorry about that, but I recall Tom saying that his antennas fell down along with some shingles on the roof during a storm and hit his Mom's car I believe he said, correct me if I am wrong--BN)

Bob Seybold 10567 Bennett Road Dunkirk NY 14048

August 27-trops-0430-1000 EDST-MLW 21 (new), Poughkeepsie 54, riverhead 56, Smithtown 67, Conn. 20 & 30, WTA (vermont translator on 63, unided translator on 69 to the est., Elmira, Binghamton very strong, also Scranton U's, Washington DC 20,26,32 & 50, Hagerstown 25 & 68, Altoona 23, York 43, WLYH 15, Canadians to nothast above normal, WTAP 15, Tenn 19, Newark (Ohio) 51: Ft Wayne 15,21,33,39. outh bend 16 & 46, Cadiillac 33: WMCU 14, Grand Rapids. 35, ML10 33, Angola 63, Muskegeon 54, Lansing 33, Kalamazoo 52:, late afternoon Dayton 16 & 68.

August 28-0500-1000 EDST Cadiillac, Muskegeon, Grand Rapids, Ft Wayne, South Bend, Angola 63, Poughkeepsie 54: Conn 20 & 30, Scranton, H20town, Elmira real good, canadians to the North good, Syracuse, Ohio normal, WMCU 14, Sandusky 41 & 52, Lansing 23,47,53,67,: WETA 26, WHP 21, WLYH 15...Hershey 33 did not check in evening.....

August 29-1991 -0500-0930- Conn 20,26,30, WETA 26, WHAG 25, WHP 21, WITF 33, Poughkeepsie 54, York, Lebanon, Scranton TBN-14-Binghamton (new), Boston 25 and much of general run good (Indiana, Ohio, Muskegeon)

8-30-Chicago -26 & 60, Michigan 14,52, 35,23,28,33,17,47,53,67, Angola 63, Ft Wayne, South Bend, Sandusky, WJTR 20 WIA 44, LaSalle 35, Grand Rapids 35, Muskegeon 54, Canton 17 on 39(Youngstown).

8-31-0500-1000 Chicago 20,26,32,38,44 & 60, Indiana 15,16,18,20,21,22,23,28,29,33,34,39,40,46,62,63,69,...Michigan 14,15,17,19,20,23,25,26,28,31,33,38,41,17,49,50,52,53,56,59 (LPTV new to me) 62,64, 66 (2), 67: Ohio 22,26,34, Rockford 39, Dubuque 40, Iowa 36,14, PBS on 15, Madison 15,21,27, Milwaukee 36 & 58

August 30-evening- WHIZ 18, Columbus, Dayton, Springfield, Newark (ohio), sandusky, Ft Wayne, South Bend, Angola 63 Saginaw-, WMCU 14, also 0500-0930 Conn 20 & 30, WHP 21, PA 15,16,17,21,22,28,33. Binghamton 14,34,40,46, Elmira Utica 20, York 43, Smithtown 67, WTA 41 on 63, Watertown (H20town-BN) Garand Rapids 15

Sept 1-0500-1000- canton 17 (also on 39), Tenn 39, Ohio 14,16,18,20,22,24,26,27 (WBGU), 28,30,34,35,36,41,42,44 (WOCV) dayton 45, Mansfield 47 & 50, Newark 51,52,58 (Youngstown) Cincinnati 64 & 48, Dayton 68, Indiana 15,16,18,20,21,22, 23,28,33,34,38,39,40,42,43,46,55,59,62,63,63( Angola & Bloomington ) Michigan 14,17,19,23,25,28,31,33,35,38,41,47,50, 52,53,54,62,64,66,66,67, Illinois26,32,38,35,44,60, Kentucky 21,32,36,52,56, Pittsburgh 16,22,40,53,63, WTAP 15 W48AA Martinsburg, WLYH 15, WNEP 16, Philly 17 & 57, Altoona 23 & 47, PA 21,22,28,33,39,33,44,51, baltimore 45 & 54 VA-46, Washington DC 20 & 26, Conn 20 & 30, poughkeepsie 54, Binghamton 14,34,40,46, Elmira, H20town, Milwaukee -58, Rockford 39, Hagerstown 23, (Bob Seybold continues on the next page--BN)

Bob Seybold continued....

Sept 2-0500-100 Phill 19, WHP 21, York, Hagerstown 25, Altoona 23, MLVT 39, WLYH 15, WETA 26, Poughkeepsie 54 Michigan U's (see last ETVDX page), Ft Wayne- WSBT-22, WNDU 16, Angola 63, WLF1 18, Indiana 62, 28,34,46, Sandusky 41 52, PA 51, Pitt 61, Newark Ohio 51, WTAP 15, Little Current 16, .....

Sept 3 Michigan-14,23,25,28,35,47,..... E-Skip channels 2 & 3 about 2100

Sept 4 0430-1030- great tropis opening, Peoria, 19,25,31,47 super strong, Indiana 15,16,18,20,21,22,23,28,33,34,38, -39,40,42,43, 45 (FT Wayne) 62,62,55,66 (Ft Wayne new) 69 (South Bend), 63,63,59 Illinois 43,51,15,23,39,35 Chicago -26,60,32,38,44, Michigan U's, Milwaukee 18 & 36, evening Chicago up for one hour very strong all U's even 20, Oakland mansfield 36, Pittsburgh, canton U's, Hershey, york, WLYH-15, PA 51.

Sept 5-0500-0930 Conn 30 & 61, Watertown 16, Norwood 18, WJTR-20, Poughkeepsie 54, Binghamton, Elmira, Syracuse good, Altoona 23, WLYH-15, York 43, WHP 21, Hershey Lebanon 39, Canton 17 on 39, Ohio 20,44,18,52,51,26,22. Ft Wayne, WNDU -16, WSBT 22, WME 46, Muskegeon 54, Philly 17 & 29, Rochester super 15 & 38 strong, evening, Belleville, Kingston -Ontario U's very good,

Sept 6 -0500-1000 Philly 17, Scranton, York, Lebanon good: Altoona 23, Poghkeepsie 54, (Southren Tier U's) WHP 21 WHAG-25, WNDU Ft Wayne U's, WME 46, Youngstown 39, (Canton 17) Lansing U's:...evening Angola 63, Belleville, Kingston, Ontario U's good: Ft Wayne, Michigan U's super, WNDU 16, WME 46, dayton 68, WLYH 15, York 43, sandusky, bowling Green U's.

Sept 7-0500-100 tropis very good (Mich- LPTV's 15,59,69,66,67, other Mich U's great, Chicago 26 & 60, all South Bend -U's including 69, Columbus 17 (LPTV) new, East PA U's etc. IN,OH

Sept 8 0500-0930 PA 16,17,43,15, IN 15,16,21,22,28,33,39,34,46 & 63 all good, Mich U's above normal.....

Sept 9 same time Mich U's above normal, lansing, Cheboygan 4 (rare), WDIV 5 (W.VA), Mich U's super strong, Traverse City 31,33,35, 35 (Grand rapids & Bad Axe) 38,41,47,49,50,52,53,54,56,59,62,66, 66 (Detroit & Flint) 67 & 69 South Bend U's good, Angola 63, WETA 26, WHP 21 + NE PA U's, WTZA 62, York 43, WJTR 20,

Sept 10 -Weak tropis, tropscatter, Dayton 16,22,45, WJTC 26, WOSU 34, WOLB 20, Sept 11 evening Chicago U's great, Milwaukee U's, Indianapolis U's great, WATA (VJN) Indianapolis (new) WMCU 14, Bloomington 42 & 63, Angola 63, Ft Wayne great, same for South Bend , also Dayton, OH 14,16,17,18,22,26,27,28,34,48,41, -48 (Toledo LPTV) 51,52,68, Rockford 39, Michigan U's strong, Indiana U's..

Sept 12 -0430-1030 SUPER TROPIS-WTLK 14 Rome GA (new) (Wow!!-BN), WOLB 20, WMCU 14, W14-- Binghamton,WLYH 15, Ft Wayne U's, W15A Grand rapids, WTAP 15, Knoxville 15, Florence Ala 15, WOCV Louisville, South Bend U's including 69, WNEP 16.

Watertown 16, Norwood 18, Pitt u's incl 63, WHIZ-18,WLF1-18,WLEX 18, Elmira 18, Milwaukee 18,30,36, WKPT 19, Dayton 16, Oxford 14, Indianapolis 20,40,59, WJTR 20, WCCA 20, Louisville 21, Birmingham 21, WHP 21, WSBT 22, Burlington (VT) 22, WZZA Olean, Dayton 22, Annapolis 22: Scranton 22, Pittsburgh 22, Windsor 22 ( 8 on 22 alone), Altoona 23

Marion 23, WEYI 25, WHAG 25, WTWS 26 CT, WETA 26,WJTC 26, WCIU 26, Lexington 27, WBGU 27, Harrisburg 27, Columbus 28 & 34, also columbus Ohio, WBA (?-BN) religious programs (new), WSJV 28, WFLM 28, WITF 30, Nashville 30, Philly nashville 17, canton 17, WLKY 32, WFLD 32, WITF 33, Bu rlington 33, Huntington 33, Binghamton U's, LaSalle 35, grand Rapids 35, Lexington, Scranton 38, Chicago 38, Greenville Tenn 39, W39AH Youngstown, MLVT 39 , WJHO 41, Louisville

Rapids 35, Lexington, Scranton 38, Chicago 38, Greenville Tenn 39, W39AH Youngstown, MLVT 39 , WJHO 41, Louisville -41, Sandusky 41 & 52, WPBO 42, Birmingham AL 42, Richmond 43, Tenn 43, York 43, ----? 43 East TBN, WIA 44

Lima 44, WJUC 44, WRGT 45, Clarksburg 46, Altoona 47, norton VA 47, Lansing 47, WCET 48, Huntsville AL 48 (!!!-BN) saginaw 49, Mansfield 50, Watertown 50, Ashland Ohio 59, W59A jackson Mich, Bloomington 42 & 63, Newark 51, Reading -51 (rare), WGGN 52, Kalamazoo 52 & 64,WKON 52, WMAT 53 snowfree & rare, lansing 53, Muskegeon 54, WKKY 56, Hazard KY 57, Plattsburgh 57, W59A- Rochester NY, ---38 (VJN) from the south/southwest, seen & heard several times: Chicago

60, Hammond In 61, Kingston NY 62, Angola 63,Flint 66, lansing 67, Dayton 68, W69\_ lansing, WTCI-45 (Tenn) WCLP-18 Chatsworth GA (Super Wow!!-BN) This was one of the better tropis days for me this season.

SEPT 14-0500-0900 WMMI-17, Philly 17, Grand Rapids 33, Altoona 23, Ft Wayne, South Bend , Indianapolis 15 Indianapolis 40, Canton 17, WEYI-25,-evening Columbus, Dayton,: WCET 48, WJTC 26,

Sept 16 & 17 Columbus, Dayton U's , WJCT 26,-evening on the 17th, washington 20 & 26, York 43, WLYH 15, WITF 33 MLVT-39, WHP 21, WOLB 20, WJUC 44, WTAP 15, Trenton 52, Sranton 16 & 38, Ft Wayne U's, South Bend 16 & 46,

Sept 18-21 scattered weak tropis from Columbus, Dayton U's That's it 73's Bob

Joseph Fela -150 Robert Place - South Plainfield, N.J. - 07080

Equipment: G.E. monitor, Antennacraft P-7 dish @ 35 ft., Winegard PA-4975 amp, rotor.

Table with columns for date, time, and station names. Includes entries like AUGUST 1991, 26 Tr 0558 WNCN 36 NC 516, 0600 WJZY 46 NC 515, etc.

COMMENTS: Except for an occasional Norfolk or Coastal MD opening in August, there was very little DX during the month. And, to repeat myself from last year, Washington, Baltimore, Hagerstown, Central PA, and a few other areas are so common that I do not make note of them in the logbook (e.g WFTY-50 is there virtually every night after Local WJNM-50 signs-off). Otherwise, local LPTV W36AS New Brunswick, N.J. is on the air. It's schedule is Sunday mornings only. An hour or two of color bars, then some Indian programming for another hour or two, and then off. Generally by 1400, it's programming is done for the week!

Robert Ross (VE3JFC) BOX 1003 Station B London Ontario N6A5K1

7/26 ES 2104 WDAF 4 MO 7/31 Tr 2314 WOKR 13 NY 8/25 Tr 0055 WITI 50 NY 8/25 Tr 0410 CBOFT 34 ON-?-FF  
 2127 KFDX 3 TX 2321 WRQC 8 NY 0144 WSYT 68 NY 8/29 Tr 2330 W44AG PA-Erie,TBN  
 7/30 ES 2350 WJXT 4 FL 2355 WGBAW NY-ROC TV station # 300!! 2345 WJEX 16 PA  
 1850 CUBA 2 8/11 Tr 2300 W67AL OH 0325 CICO 42 ON 2355 WPTT 22 PA  
 Tele Rebelde

Jeff Wolf 1131 University Blvd W Apt 701 Silver Spring MD 20902

7/29 ES 2305 UNID 2 PBS 8/2 Tr 0739 UNID 42 8/13 Tr 0656 NC 28,45 8/27 Tr 0158 WLIW 21 NY  
 2356 UNID 3 NBC 8/3 Tr 0301 WYED 17 NC 8/15 Tr 0033 WPMI 43 PA fair to good  
 7/30 ES 0200 MUF 2 0856 NC 45,61 0116 MD 25, WV 44 UNID 21z cci +  
 1800 WEAR 3 (AL) 1015 WNEO 45 OH very good 0200 WJFL 22 NC  
 WDIQ 2 AL 8/11 ES 2333 UNID 2 -Note # 1 0737 NC 16,45 WPTT 22 PA  
 2106 CUBA 3 8/12 ES 1830 MUF 4 8/16 Tr 0004 W44AA WV Note 2 0232 WPMJ 21 OH  
 7/31 ES 1800 WDIQ 2 AL 1836 CUBA 3 0202 WPTT 28 NC-s/off 0235 WNET 13 NY  
 MUF 5 8/12 Tr 2320 VA 29, NC 45 WYED 17 NC 0554 WBR4 15 VA  
 1830 ABC 3 8/12 ES 2352 WPBT 2 FL WJFL 22 NC 8/28 Tr 0132 VA 23 ID 3/4cb  
 2059 MUF 2 2356 UNID 2 NBC 0213 W40AH VA GW 0133 WDC4 20 off  
 8/2 Tr 0311 WTVS 26 CT 8/13 ES 0000 WEDU 3 FL 8/17 Tr 0911 WLIW 21 WLIQ-55 Tr 0133 WPMJ 21 OH  
 0313 WYED 17 NC 0006 WEDU ID 73/4 cb WNUJ 47 cci UNID21 cci  
 0318 NYC cci 2,4 0007 WEDU 3 s/off 8/18 Tr 0644 W28AL VA-Note 3 0137 WNEO 45 OH  
 no NYC UHF 0028 MUF 2 0839 NYC 47 cci 0145 WPTT 22 PA  
 0728 NYC VHF cci GW 0120 WWSW 24 off 8/23 ES 1830 MUF 3 NC 22  
 NC 17,36 ES 0201-0204 UNID-3 8/26 Tr 0156 WKBW 27 OH 0145 WAKR 23 OH  
 0739 WNET 9 NC Tr 0231 WITTE 28 OH 0659 WBR4 15 VA CCI  
 WRW 45 NC 0656 W14 DE 8/27 GW 0158 WDC4 20-off XXXXXXXXXXXXXXXX

Notes---# 1--Reporter " 2 live Skybeam in Jefferson County " on screen.-----# 2 tp grid with triangle insert of  
 cb tp, WNPB ID bottom right.-----# 3 The numbers 10,24,28 on left WAZT on bottom right. This was on screen  
 during programming.....

William R. Hepburn 35 Lockwood Rd Brampton ON L6Y 4T7 (EDT)

DX From Mississauga ON

August 1991 22 TR 0124 C..... 25 ON 215 4 TR 0759 WFWA 39 IN 335  
 13 ES 0018 MUF 2 Sudbury FF 0820 Dayton Us 345  
 17 TR 0059 WFXU 33 NY 230 TUD-La Chaine  
 Utica-Rome \$ 24 TR 2118 WRGT 45 OH 345 (Note #1) : It's hard to  
 0205 CFCF 12 PQ \* tell this one apart from  
 (\* cable TV) the TUD on 42 in McArthurs  
 22 TR 0019 CICO 42 ON 116 Mills -- however this  
 Parry Sound 3 TR 0113 WEVI 25 MI 220 opening was highly  
 w/TUD tp Saginaw-Flint- directional to the north  
 (see note #1) Bay City \$ while McArthur is to the  
 northeast.

Comments: I've now moved into a house in Brampton. It's amazing how the Buffalo  
 signals drop off so sharply only 8 miles further north. WNYB-49, which blasts in  
 in Mississauga even creating an image on ch 34 ... has plenty of snow here in  
 Brampton. Chs 2 & 4 are rather weak. Great for DX (ES esp.) ... however this is  
 now a case where what's good for DX is not so good for regular TV viewing. I'll  
 be putting up outdoor antennae by next summer.  
 73s, Bill

Dude from Joisey PO Box 2999 Clifton NJ 07015-2999  
 Nothing worth mentioning in the way of DX, It is mid October and the conditions stink. What else is new hi!

Editor's notes: About the absence of this column in the last two months, I have no apology. I sent my column (s)  
 in time to HQ. The first time I likely got lost in the mail (I did send it in time.). Last month I sent ETVDX via  
 next day air and the post office told me it got there in time on my deadline, the 20th, but the envelope was not  
 taken until the 26th from the postal box! Can't blame me for that! So I'm trying again, to send this column next  
 day air, 2 days before my deadline, if this column doesn't show in November, again don't blame me, please.

Do blame me on the new look of ETVDX, I've used much smaller print and went to FOUR columns instead of 3 to save  
 space and the 7 pages this month would have been 11 pages + under the old print type that I was using. Goodking!-BN

# WESTERN TV-DX

November 1991

Fred McCormack  
 Box 17860  
 St. Paul MN 55117-7860

Deadline: 12-12-91  
 Cut-off: 09-01-91

This year's tropo season is the WORST IN HISTORY... that according to Jeff Kadet.  
 From the lack of reports, it appears that has been the case. Only August 25th was  
 reported with tropo out to 500 miles, as seen by Robert Kramer.

CORRECTION - Way back in August, several errors crept into William Draeb's report  
 courtesy of your editor. The distance for CHSJ-4 should have been 1375 miles, not 1230.  
 K69BA, Iron Mountain, carries The Disney Channel, not WBAY-2. And W69AV, Leeland,  
 Michigan; carries WCML-6, not WCMV-27. According to Bill, W69AV can either pick WCML-6 up  
 directly or via W46AD.

Once again, I would appreciate each translator logging including the primary.  
 Hopefully, that will prevent me from erroneously listing the primary from an old source!

New \_\_\_ New Mode \_\_\_ Tent. - t Unidentified - unid S/On - + S/off - =  
 ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &  
 Parallel Programming - // MTS Stereo - \$

BN Baja California Norte GR Guerrero

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388-2350) CDT

Equipment: See October 1991 Western TV-DX

Not much DX seen with the recent cold snap that invaded this area. Last night I  
 discovered my UHF setup wasn't working as it should (water in connections) and I fixed  
 the problem this afternoon. I may have missed a little DX during the down time.

September 1991	1 tr 2154 Cleveland Us 355	8 tr 0530 W27AP 27 WI 155
1 tr 0547 WKBN 27 OH 420	7 tr 2248 W69BJ 69 MI 195	(Lac du Flambeau LPTV)
WFMJ 21 OH 420	(Lansing WAQP-49)	0930 W59CA 59 MI 200
2154 WJW 8 OH 355	(TBN)	(Jackson WAQP-49)
(MD Telethon)	Twin City Us 280	(TCT and TBN)
WNEO 45 OH 405	(Good)	10 tr 2100 KSAX 42 MN 374
WEAO 49 OH 380	8 tr 0530 W23AH 23 WI 155	11 tr 0450 KFME - 13 ND 500
WAKC 23 OH 380	(Lac..Flambeau WGN- 9)	KSAX 42 MN 374
WDLI 17 OH 395	W25AN 25 MI 155	13 tr 2142 KSAX 42 MN 374
WHIZ 18 OH 400	(Lac du Flambeau LPTV)	22 tr 1002 KFVst 12 MO

All three Lac du Flambeau LPTVs were scrambled.

Pat Dyer, 5315 Silvertip Drive, San Antonio TX 78228-2744 CST

Equipment:  
 Wards 12" b&w Model GEN11235 (1984 vintage), KTV 12" 1210A b&w, RCA 13"  
 (1987) EMR350E (color). Archer V-100 and 8-bay bow-tie UHF array at 20 feet  
 with rotor.

July 1991	8 Es 1339 WSAV 3 GA 1040	18 Es 0829 KUSD 2 SD 945
1 Es 0757 WCIA 3 IL 930	1359 WEAR 3(AL) 660	0859 KDLO 3 SD 1070
0759 KTVI 2 MO 780	1429 WBTW 3 NC 1090	0959 KDHL 3 MN 1245
KUSD 2 SD 945	1430 WESH 2 FL 1040	KBME 3 ND 1190
1529 WWAY 3 NC 1235	1529 WFMY 2 NC 1175	1029 KIDK 3 ID 1240
3 Es 0930 KDKA 2 PA 1295	10 tr 0354 KTRE 9 TX 260	2109 WSB 2 GA 885
0956 WDTN 2 OH 1075	12 Es 1233 XHAP 2 GR	19 Es 0828 KTWO 2 WY 1010
0959 WAVE 3(IN) 955	13 Es 1536 KTWO 2 WY 1010	0906 XHBC 3 BN 1025
1040 WTWO 2 IN 925	14 tr 0118 KLFY 10 LA 375	1516 WDTN 2 OH 1075
5 Es 0759 WAVE 3(IN) 955	15 Es 0113 WSIL 3 IL 790	1602 WBTW 3 NC 1090
0829 WCMH 4 OH 1140	tr 0159 KLFY 10 LA 375	19 Es 1622 KGAN 2 IA 960
0830 WWAY 3 NC 1235	17 Es 1129 WCB2 2 SC 1140	20 tr 0449 KNOE 8 LA 430
0859 WDTN 2 OH 1075	1159 WSAV 3 GA 1040	0453 KTRE 9 TX 260
0929 KDHL 3 MN 1245	18 Es 0149 WBTW 3 NC 1090	0459 KLTW 9 TX 290
0950 KGAN 2 IA 960	0612 KTWO 2 WY 1010	Es 1859 WMAB 2 MS 615
1057 KDLO 3 SD 1070	0629 KWGN 2 CO 800	24 Es 0658 WTVJ 4 FL 1150



Pat Dyer (continued) 29 Es 2131 KGAN 2 IA 960 31 Es 1605 WKYC 3 OH 1255  
 2205 KIMT 3 IA 1010 1759 WDTN 2 OH 1075  
 25 tr 0238 KLFY 10 LA 375 2206 KDLH 3 MN 1245 1929 KTVO 3 MO 830  
 Es 1859 WPBT 2 FL 1150 31 Es 1526 WWAY 3 NC 1235 1956 KTVK 3 AZ 835  
 29 tr 0119 KLFY 10 LA 375 1532 WRCB 3 TN 865  
 Es 2105 WBAY 2 WI 1185 1603 WAVE 3(IN) 955

In very early July the Wards black & white TV use was discontinued as "vertical folding" at the lower edge of the screen became too severe to deal with (nothing like a few lost IDs that way!).

In spite of its annoying "blank-to-black" feature, the RCA color set had to be used as the DXing instrument for the rest of this month. So far, I've not been successful in any of my attempts at locating a schematic for it so that I might find a way of defeating that circuitry.

What I really need is a good CCTV black & white monitor to put the video output into from my old JC Penney (1976 tuner/1980 IF, etc.).

With our high temps in the 100s, many days the in-state tropo levels were so high that much of the E skip ended up being "buried" in it. Anyway, a few channel four E skip catches were IDed under our local.

The E skip MUF reached 144 MHz to the US southeast on July 18th and this time my 2 meter rig was in working order! (A very much briefer event in the same direction occurred the next day as well.)

Other "diversions" of the month included the failure of the central air conditioner compressor (less than a year old!) from June 28th to July 3rd (and having to install a 5000 BTU temporary window unit), the July 11th solar eclipse, and my 25 year high school reunion activities here July 12th to 14th.

## August 1991

1 Es 0849 WDTN 2 OH 1075	7 Es 1205 KOTA 3 SD 1040	19 Es 0858 KUSD 2 SD 945
0859 WKYC 3 OH 1255	1228 KUSD 2 SD 945	23 Es 1139 XHBC 3 BN 1025
1127 KTVQ 2 MT 1245	1329 KBME 3 ND 1190	1433 WSJK 2 TN 1010
1128 KIDK 3 ID 1240	1427 WCIA 3 IL 930	1445 WSAZ 3 WV 1125
1259 WTWO 2 IN 925	2103 KIMT 3 IA 1010	1450 WHSV 3 VA 1300
1358 KTVI 2 MO 780	2117 KDLO 3 SD 1070	25 Es 1716 WWAY 3 NC 1235
2 Es 1859 XHBC 3 BN 1025	8 Es 1832 KGAN 2 IA 960	1759 KGAN 2 IA 960
2028 KTVK 3 AZ 835	9 Es 0930 WEDU 3 FL 995	29 Es 0830 KGFE 2 ND 1290
6 Es 1129 WFMY 2 NC 1175	1339 WPBT 2 FL 1150	1056 WAVE 3(IN) 955
1839 WWMT 3 MI 1160	12 Es 1859 KGAN 2 IA 960	30 tr 0423 KADM 15 LA 385
7 Es 0845 XETV 6 BN 1110	2045 KUSD 2 SD 945	0427 KFDM 6 TX 280
0907 KTLA 5 CA 1185	13 Es 1300 WWMT 3 MI 1160	0428 KTRE 9 TX 260
0924 KVBC 3 NV 1050	1359 KGAN 2 IA 960	Es 1425 KWGN 2 CO 800
0929 KNAZ 2 AZ 845	1400 WJMN 3 MI 1310	1443 KMTV 3 NE 830
0959 KUTV 2 UT 1085	1409 KIMT 3 IA 1010	1459 KUSD 2 SD 945
1029 KTWQ 2 WY 1010	18 Es 1609 WBTU 3 NC 1090	KOTA 3 SD 1040
1129 KMTV 3 NE 830	1611 WFMY 2 NC 1175	1518 KIMT 3 IA 1010

By the end of the month, the KTV 12" black & white set was put on line as the DX instrument (the "blank to black" video feature of the RCA color set was causing too much DX to be "lost"). The black & white set has very poor selectivity, especially on high-band VHF, so it is not really considered "permanent". Though this was bought in July 91 (to "replace" the RCA as the video display for the Atari 8-bit computer system) the manufacture date has July 1988 on it!

August 18th had the Carolina stations with their live local/remote coverage of the effects of Hurricane Bob. Nice to catch a new channel 3 later in the month. A lot of August TV E skip considering the comparatively low levels of it in June and July.

## September 1991

2 Es 1900 XHBC 3 BN 1025	3 Es 2232 WKRN 2 TN 820	23 Es 1710 WDTN 2 OH 1075
3 Es 2120 WSAZ 3 WV 1125	10 tr 0058 KLNO 14 TX 65	1729 WSAZ 3 WV 1125
2129 WSJK 2 TN 1010	(// KXAN-36)	1759 WRBL 3 GA 840
	16 Es 1715 WWAY 3 NC 1235	

More TV E skip this month considering the relatively low levels of E skip for the "main" part of the summer season.

The local LPTV K02MX pest had video loss for a day + this month. A few days after fixing that, it was then completely off for ten days (September 20-30). Four years of nothing but color bars with ID and test tone! That really stretches the definition of "... in the public interest ...."

For several days I had been noticing faint CNN video under the LPTV in late August - an obvious indication of CATV leakage. The Bearcat XL-55 hand-held scanner with

Pat Dyer (continued) 149.75, 161.75, 167.75 MHz TV audio quickly verified this and where it was coming from! A couple of phone calls to Paragon Cable finally got a technician out who found the underground service feed to the immediate west neighbor (who'd only moved there in mid June) had been chewed into by their dogs. That was quickly fixed, and ironically, about two weeks later that entire system (with three or more "branch feeds") was relocated to the other end of their house!

Such cable problems pose a dual threat for me - not only QR'ing my TV etc., but also presenting a point where my transmitted amateur signals could ingress into the CATV lines!

73, Pat, WA5IYX

Christopher W. Hanley, 1321 Beecher Avenue, Galesburg IL 61401

CDT

## Equipment:

VHF antenna (unknown vintage) at approximately 30 feet. Tabletop Radio Shack UHF bow tie in the attic at approximately 15 feet. Kawasho 13" color set.

Here's my DX report for late August and early September, such as it is. Oh well... the rest of my life is going pretty well.

## August 1991

31 tr 0701 +WPNE 38 WI 267	0731 WCGV 24 WI 195
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## September 1991

7 tr 0852 WXIN 59 IN 231	0900 WHMB 40 IN 231
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7 tr 0900 WBAK 38 IN 197

Jeff Kruszka, 2824-E Steamship Circle, Harahan LA 70123

CDT

## Equipment:

Sylvania 12" black and white, quad loop cut for channels 2 and 5, Radio Shack U-75 corner yagi. Sony Watchman. Mitsubishi HS-U31 VCR.

## August 1991

12 Es 1735 unid ch 3 CBS	unid channel 2
1750 WWAYt 3 NC	1800 WTKR 3 VA 920
2030 KREG 3 CO 1169	

## September 1991

3 Es 2128 unid ch 3 CBS	2201 KMTV 3 NE 849	2212 KTVIt 2 MO	2215 KGAN 2 IA 857	2221 KIMT 3 IA 927
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3 Es 2245 MUF ch 5 briefly

2300 KLNE 3 NE 888	2307 KSNC 2 KS 762	2318 fade out
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The skip on September 3rd was nice - had some beautiful IDs! Not much tropo to speak of lately. Had some brief tropo on August 13th in the evening and on September 21st around noon (strange time! - it was gone within an hour or so).

I believe I saw KTVI on the night of September 3rd. They were running local news with a black woman on the left and a white man on the right behind the news desk. In the back, it looked like a nighttime backdrop of St. Louis with the Arch. Can anyone confirm this news set for St. Louis? It would be another short-hopper for me.

Robert Kramer, Box 8244, Chicago IL 60680 (N9MBK) (312-262-6299)

CDT

## Equipment:

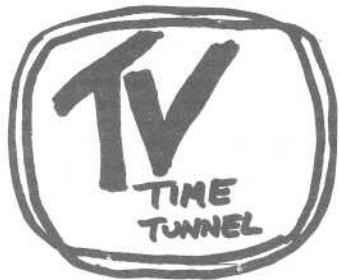
1978 RCA 19" black & white, Sony 1923 19" color, Mitsubishi HS 422UR Stereo VCR, Archer V-185 VHF & Archer U-120 UHF at 60', 4 Archer adjustable preamps (Model 15-1113A), Ricoh XRM 35 mm camera w/Kodak T-Max 400 film, Alliance HD-73 rotor, numerous traps and attenuators.

## August 1991

23 tr 2000 WUCM 19 MI 233	2152 WGBA 26 WI	(Over WCIU)
24 tr 0038 W33AX 33 WI	(Madison TBN)	0114 WHLA 31 WI 230
0120 WHWC 28 WI 299	0159 WXON 20 MI 240	0545 WLIO 35 OH 200
0555 WRGT 45 OH 237	0559 WTIIE 28 OH 280	0600 WXIN 59 IN
0607 WTLW 44 OH 200		

24 tr 0617 WNWO 24 OH 220	0657 WOSU 34 OH 280	0700 WBGU 57 OH 200	1827 WVIZ 25 OH 320	2144 WEYI 25 MI 222	2251 WNWO 24 OH 220	2310 WGTG 30 OH 220	2350 CIII22 22 ON 252	25 tr 0005 CITY2 31 ON 365	0023 CBLN 40 ON 338	0038 CKCO3 42 ON 260	0110 WQHS 61 OH 320
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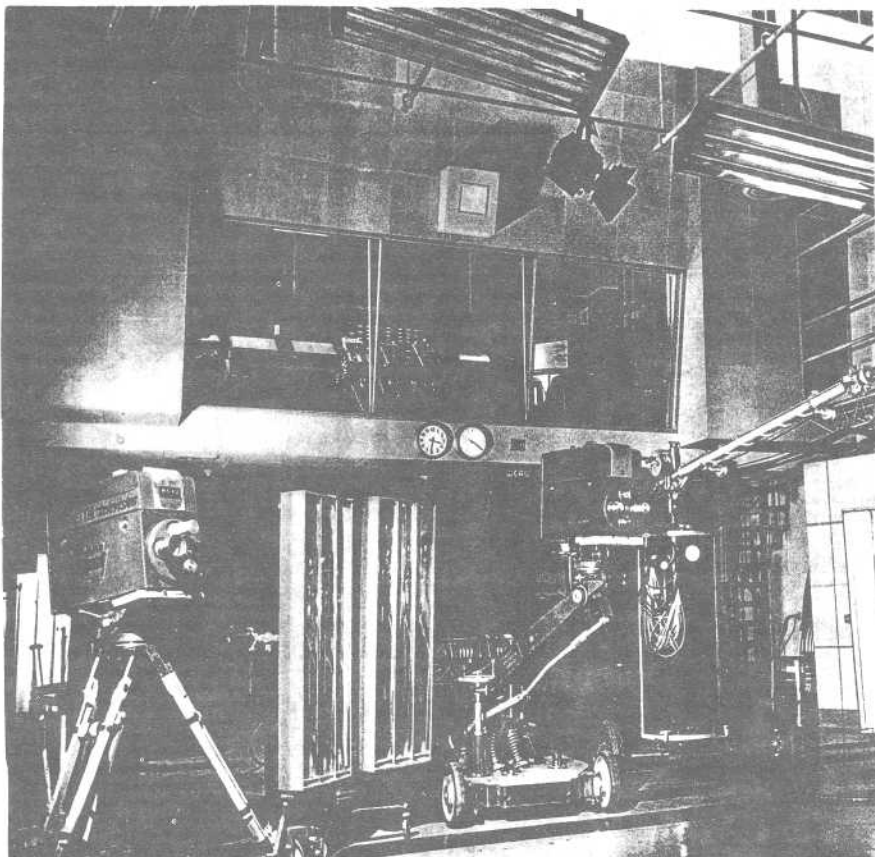
25 tr 0113 WGPR 62 MI 240	(Through WJYS)									
25 tr 0116 CICO59 59 ON 287	0149 WTTT 28 OH 285	0208 WTJC 26 OH 243	0221 WBNX 55 OH 307	0226 WKBN 27 OH 347	0241 WXYZ 7 MI 240	0305 CBCE 16 ON 448	0310 CIII27 27 ON 509	0319 WAQP 49 MI 222	0335 CFMT 47 ON 440	0341 CIII88 41 ON 440



PREPARED FOR THE VUD BY TOM BRYANT; 849  
TODD PREIS DRIVE; NASHVILLE, TN; 37221

Photos aren't used often in this column  
but I've made an exception here to  
present this pictorial history of  
WCAU-tv. Thanks to WTPDA-er Bill  
Burrows of Gloucester City, NJ for  
sending a copy of this feature from an  
old BROADCAST NEWS magazine.

In 1946 channel 10 in Philadelphia was granted a construction permit as  
WPEN-tv, but as the result of an ownership transfer, became WCAU-tv prior  
to the May 1948 startup. It was the city's 3rd television station, and  
the second affiliate for the fledgling CBS Television Network.

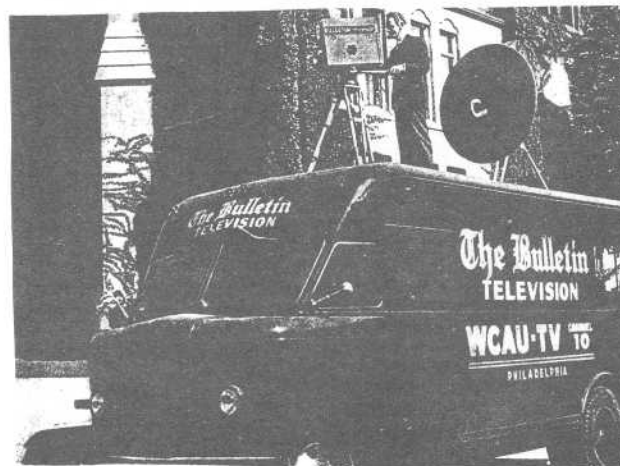
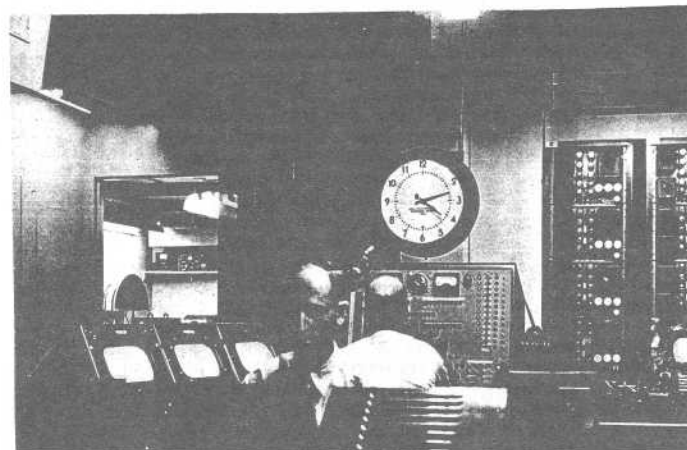


A LOT OF OUR READERS WEREN'T AROUND WHEN THIS SORT OF STUDIO FACILITY WAS  
STATE-OF-THE-ART; AND THOSE WHO WERE MAY NOT HAVE HAD A CHANCE TO SEE  
SUCH A SETUP. OF SPECIAL INTEREST IN THIS SCENE ARE THE ELEVATED CONTROL  
BOOTH FACILITIES (1-r rear of RCA audio console and 3 camera control  
units), THE LARGE LIGHTING PANELS, THE BOOM MIKE, THE RCA TK-31A CAMERAS  
[one on a wooden tripod, the other on a rolling boom], AND THE SPEAKER  
[sporting WCAU call letters] JUST BELOW AND TO THE RIGHT OF THE CLOCKS.

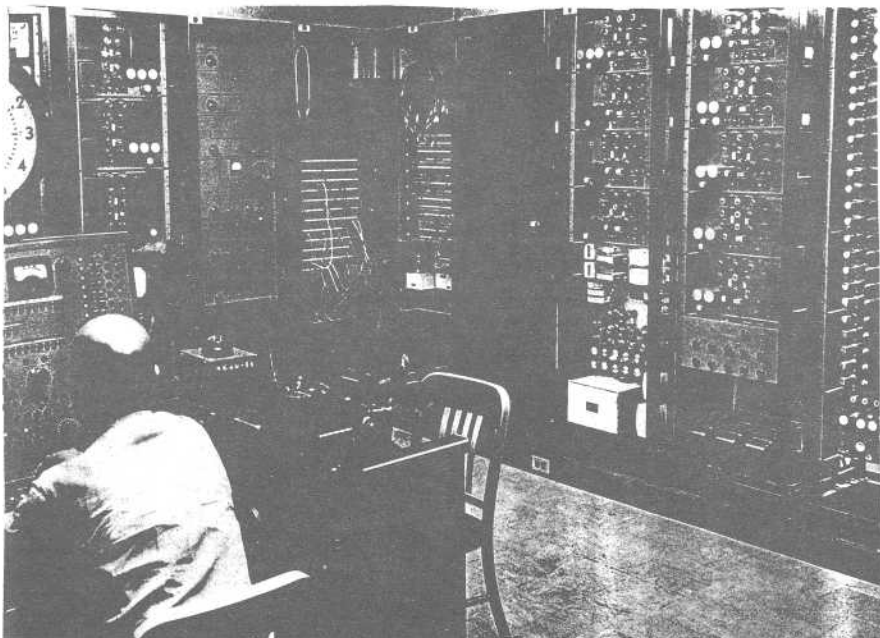


WHILE MOST STATIONS RAN  
TEST PATTERNS FROM SLIDES  
OR MONOSCOPE PICKUPS;  
WCAU-TV UTILIZED A FLYING  
SPOT SCANNER TO AIR THEIR  
TEST SIGNAL. SINCE  
CHANNEL 10 WAS CO-OWNED  
WITH A NEWSPAPER,  
EMPHASIS ON NEWS AND  
INFORMATION WAS STRONG.  
THE CAMERA TYPE AND  
PHYSICAL LAYOUT OF THIS  
PARTICULAR PATTERN  
PERMITTED INFORMATION TO  
BE CHANGED QUICKLY;  
EITHER BY INSERTION OF  
TYPEWRITTEN COPY (such as  
the date shown on top),  
OR LETTERED WITH A MARKER  
(such as the forecast).  
INTERESTINGLY ENOUGH, IT  
DID NOT MENTION THE CITY.

IN THE WCAU-TV  
CONTROL ROOM,  
ONE ENGINEER  
KEEPS AN EYE  
ON AT LEAST 3  
OF THE 6 RCA  
CAMERA CON-  
TROL UNITS,  
WHILE THE  
OTHER RIDES  
GAIN ON AUDIO  
LEVELS FROM  
ALL SOURCES.  
THE RACKS ON  
THE RIGHT ARE  
FILLED WITH  
TUBE - TYPE  
SYNC AND DIS-  
TRIBUTION ELE-  
CTRONICS.

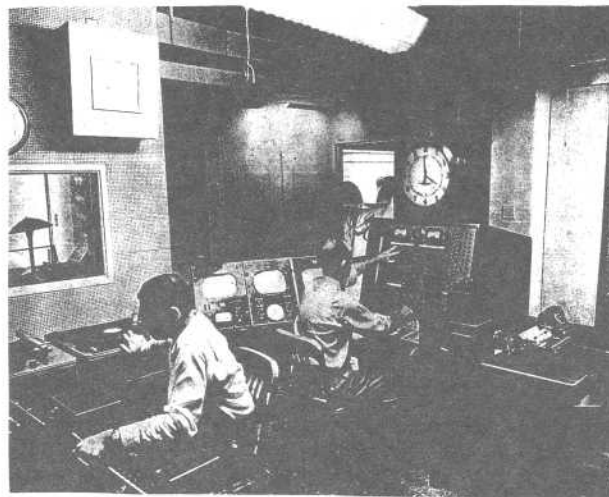
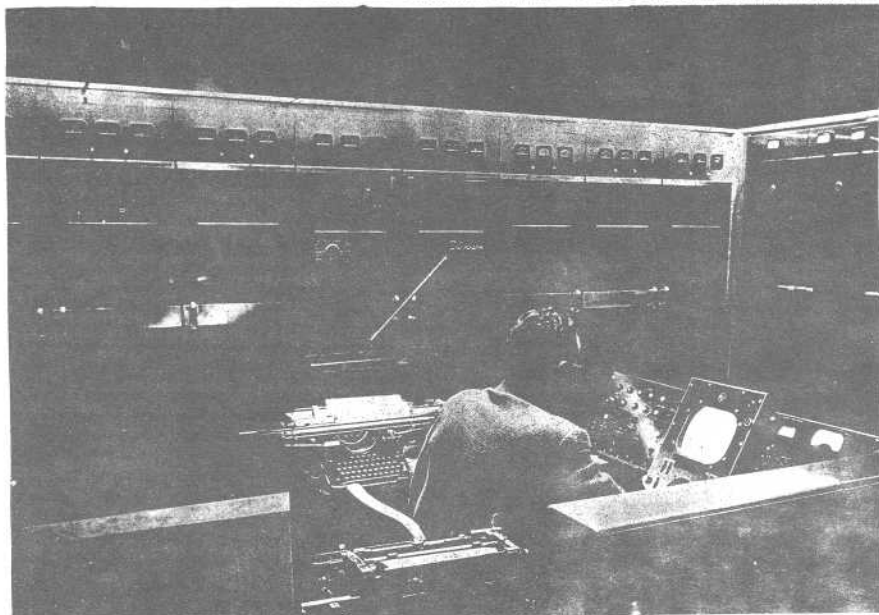


ALMOST ALL EARLY RE-  
MOTE UNITS LOOKED  
THE SAME. THIS ONE  
IS TYPICAL OF THE  
VINTAGE VANS. MOST  
OF THEM HAD ONLY ONE  
CAMERA, AND WERE  
STAFFED BY AN AUDIO  
OPERATOR, MICROWAVE  
AND VIDEO ENGINEERS,  
AND A CAMERAMAN. IF  
THE UNION WAS STRONG  
ENOUGH, THERE WAS  
ALSO A DRIVER. DUE  
TO THE LINE OF SIGHT  
TRANSMISSION OF THE  
MICROWAVE SYSTEM, IT  
WAS NECESSARY TO BE  
CAREFUL IN SITE SEL-  
ECTION. THESE UNITS  
LOOKED A LOT MORE  
PRACTICAL THAN THEY  
ACTUALLY WERE.



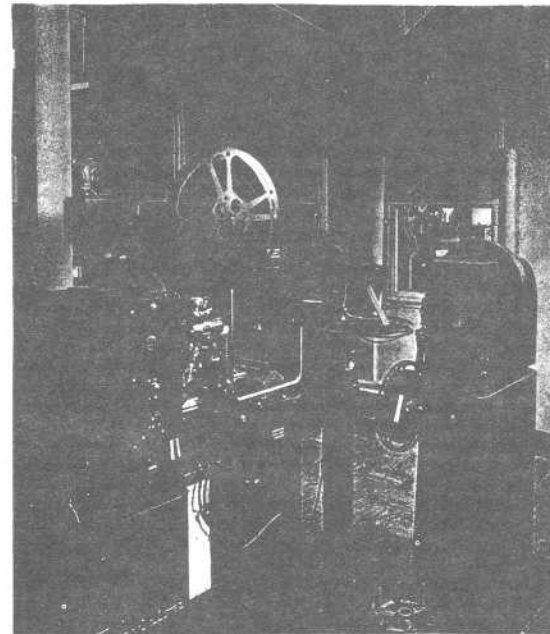
ABOVE: ANOTHER VIEW OF THE MASTER CONTROL ROOM; THIS TIME CONCENTRATING ON THE ENORMOUS AMOUNT OF EQUIPMENT IN PRE-TRANSISTOR TIMES. FOR SAKE OF COMPARISON, IT'S LIKELY THAT MODERN COUNTERPARTS OF EVERYTHING IN THE PHOTO WOULD FIT INTO ONE RACK..WITH ROOM TO SPARE!

BELOW: THIS WAS ONLY PART OF THE WATER-COOLED RCA TT-5A TRANSMITTER. NOTE THE EXTRA-WIDE TYPEWRITER CARRIAGE ABLE TO ACCOMMODATE LOG FORMS.



THE CONTROL AREA CONTAINS TWO LARGE TURNABLES DESIGNED TO HANDLE ACETATE TRANSCRIPTIONS. ON THE WALL IS A "WESTERN UNION" CLOCK. THESE WERE RESET AUTOMATICALLY WITH A PULSE FED ON A PHONE LINE; AND WERE THE INDUSTRY STANDARD. BEHIND THE WINDOW ON THE LEFT IS AN ANNOUNCE BOOTH WHERE LIVE, OFF-CAMERA VOICE-OVER ANNOUNCEMENTS ORIGINATED. THE AUDIO MIXING BOARD APPEARS TO BE AN RCA CUSTOM DESIGN. THE ROTARY PHONE AND MANUAL TYPEWRITER ADD TO THE MUSEUM-LIKE SCENE.

TV PROJECTION ROOMS WERE FASCINATING PLACES. THE PROJECTORS SHOWN HERE ARE RCA MODELS (which made a heck of a racket when in operation). ALTHOUGH A FEW OTHER FIRMS SUCH AS DuMONT, GENERAL ELECTRIC, EASTMAN, AND SARKES TARZIAN MANUFACTURED TV STUDIO AND TRANSMITTER EQUIPMENT; RCA WAS THE UNDISPUTED LEADER IN THE FIELD..AND ABOUT 80% OF THE STATIONS USED RCA GEAR EITHER EXCLUSIVELY OR EXTENSIVELY. STUDIO CAMERAS USED IMAGE ORTHICON PICKUP TUBES, AND TENDED TO 'BURN' IF LEFT ON ONE SCENE TOO LONG. THE PICKUP TUBES IN FILM CHAINS WERE USUALLY ICONOSCOPES OR VIDICONS; AND WERE NOT AS PRONE TO RETAINING UNWANTED IMAGES. MOST TV STATIONS USED BOTH SLIDES AND OPAQUES..AND THERE WERE NUMEROUS DEVICES TO PROJECT BOTH. SOME LARGE STATIONS EVEN BOASTED 35mm THEATRE PROJECTORS.



\*\*\*\*\*

NO APOLOGIES FOR PHOTO QUALITY IN THIS FEATURE. WE ALL KNOW THAT IT'S DIFFICULT TO REPRODUCE PICTURES, BUT CONSIDERING THE SUBJECT AND CONTENT; I SIMPLY COULDN'T PASS UP THE OPPORTUNITY TO PUBLISH IT. IN FACT, IF THIS ONE COMES ANYWHERE NEAR MAKING THE GRADE (Quality-wise) THERE WILL BE A SIMILAR FEATURE ON WLSL-TV IN A FUTURE ISSUE.

\*\*\*\*\*

NEXT MONTH: MAILBAG, ODDS AND ENDS, MISCELLANEOUS, ET AL!



# NWS NEWS

IN THIS ISSUE:  
 -The column finally returns!!  
 -NWS western style- a new reporter from Colorado!!  
 ...and much more!

November, 1991

Matt Sittel  
 PO Box 21451  
 511J Wood Hall, NCSU  
 Raleigh, NC 27607  
 (919) 834-6053

Deadline: none  
 (read column)

Long time, no column, eh? Well, I seriously considered terminating NWS News permanently due to lack of support, but just when I thought that was it along came a few reports! So in the future this column will run on an as-needed basis, not the every other month schedule unless I receive enough reports to merit a column. Anyway, NWS News will be here, so if you have something to send, please do. On to the reports...

William R. Hepburn, 1211-1547 Mississauga Vly, Mississauga, ON L5A 3X8 Canada EDT

Equipment: Realistic PRO-2004, 12th floor balcony vert. dipoles w/20dB amp.

## MAY 1991

21 tr 0746 VEU-671	162.550 ON Harwood	81 WRC Peterborough
0920 KIG-60	162.400 VT Mount Mansfield	350 NWR Burlington
26 tr 0305 VBG	161.650 ON Orillia	70 CMB Toronto CGR
		// and o/161.65 Cobourg

## JUNE 1991

20 tr 0130 VDJ	161.775 ON Kingston	159 CMB Cardinal CGR
		// 161.65 Cardinal

Comments: Vermont becomes VHF weather state #7! KIG-60 ID gave location as Mt. Mansfield (20 miles east of Burlington).

Regarding questions in the March VUD...WXM-49 ID did use Goreville as its location... WXJ-47 ID mentioned only the Akron-Canton studio location (I've seen its location listed as Cambridge, Caldwell, and Zanesville -- take your pick!)...TACAN=TACTical Air Navigation Omnidirectional. Similar to VHF 'VOR's on 108-118 MHz except they are used primarily by the military and give both azimuth and distance information to pilots -- but they have no voice broadcasts...As far as the 20dB amp -- I've always had the in-line amp directly at the antenna -- after an FM trap. 108-112 MHz reception suffers somewhat because of the trap but not too badly. (I'm so close to CFMX-96.3 I need an FM trap to get anything worthwhile, hi). Well, 73's for now, BILL

Charles Gauthier, 3260 Beaulieu, Brossard, PQ J4Z 2P7 Canada

Equipment: Realistic PRO-2002 scanner, homemade "log-periodic" scanner beam at 20 feet AG in parallel with a Realistic magnetic mounted mobile antenna (20-012) on the roof (15 feet AG), 10dB amplifier.

## JULY 1991

21 tr 0100 WXL-38	162.475 NY Binghamton	265
	Very clear audio; forecast for central NY, the Adirondacks and the Mohawk Valley. Marine forecast for Lake Ontario and the St. Lawrence river. Hourly conditions.	
0130 KHA-53	162.400 NY Rochester	261
	It was under KIG60 Burlington, VT for half an hour and it finally destroyed it almost completely. (Awww!, hi-mcs) Hourly conditions in Rochester.	

This opening was so strong that CJOH-8 Cornwall, ON was totally wiped out by WROC-8

Rochester, NY by antenna as well as on cable. 73, Charles  
 Doug Allen, PO Box 5646, Woodland Park, CO 80866 ---NEW REPORTER!---

Equipment: Regency Z 30, "NOAA 5" at 30' fed with coax, Ham M rotor.

AUGUST 1991 (8/26 gw below-whoops!)	31 tr	
1745 WXM56	162.475 CO Colorado Springs	19
1750 KEC76	162.550 CO Denver	51
1755 WXM50	162.400 CO Greeley	105
30 tr		
0710 WXL67	162.550 NE Scottsbluff	231
0720 WXM53	162.400 CO Sterling	155
31 tr		
0655 WXM37	162.475 WY Cheyenne	150

(Doug, is Sterling 126 or 155 miles?-mcs)

I've been threatening to send a report and finally have one! I've got local stations on .400, .475, and .550 and nothing on the other freq's, to my knowledge, for hundreds of

NWS NEWS, November 1991 Allen, cont. page 2  
 miles, so DXing with a quarter wave whip was out of the question. So, I finally designed a 5 element yagi (from the ARRL VHF Manual) cut for 162.5 MHz. I built it from the parts left over after putting an FM-13 together from two FM-10's. I'll try to get an article on the construction submitted to VUD sometime soon. In the meantime, anyone who has "remanufactured" the FM-13 and has the leftover parts, can throw this yagi together very easily. Send me a SASE for the construction details. Many other FM and TV antennas can also be re-worked into a NOAA weather yagi.

I'm not absolutely sure of the calls of some of the above. (I filled them in for you, Doug.-mcs) Greeley and Sterling simulcast with both calls announced. They both run 300 watts. I can only get Sterling with tr enhancement to the NE whereas Greeley is fairly strong to the north all the time. Also on 162.550, KEC76 and WXM61 both simulcast to my north all the time. (Did you mean WXM51? WXM61 is in Lander, WY and is on 162.475. My list shows WXM51 Longmont // WXM56 Denver.-mcs) I assume I'm only getting the nearer station at Stapleton Airport, Denver, but have no way of knowing for sure. The tr of 8/31 points out one of the deficiencies of my cheap scanner. When Cheyenne and Merriman were similar signal strength to my locals, as they were this morning, I get both stations at the same time due to the poor capture ratio. It's hard to pick out the calls that way! The Regency Z 30 also has poor sensitivity. About 18 months ago I had a Yaesu FT 73 two meter HT that covered NOAA weather. It was more sensitive with its rubber ducky than the Regency with a quarter wave whip! I could sometimes get Pueblo on 162.400 with it. Don't remember the calls. (WXM52. But Doug mentions in his letter with the September tropes that Pueblo is off the air.-mcs)

Matt Sittel, NWS News Editor. Raleigh, NC DX:

I've shortened my report to basically listing how many times I have received each station in 1991. This is a much shorter way to catch up on my reporting, but less informative.

WXL59	162.475 NC Rocky Mount	66	53	Comes in often under WXL50 Fayetteville-local.
KHB31	162.550 NC Wilmington	116	38	Comes over WXL58 Raleigh from time to time
WXL42	162.400 NC Winston-Salem	88	37	
KEC95	162.400 SC Myrtle Beach	123	26	
KEC84	162.400 NC New Bern	104	21	This is rarer than Wilmington, for some reason
KIG77	162.475 NC Cape Hatteras	187	9	Came in a lot during the summer
WXL60	162.475 VA Roanoke	124	7	Comes in with WXL42 usually
KHB37	162.550 VA Norfolk	156	4	Hard to get over the local
KHB29	162.550 SC Charleston	200	4	Much easier to null local to log
WXM57	162.400 VA Heathsville	195	2	Rare-trops have to be good for this one
WXX65	162.475 VA Richmond	142	1	Seems to have a hard time getting past WXL50/59
WXJ20	162.400 SC Columbia	173	1	Very rare-it is a great-tropo indicator

I'm back living in the dorms again, so signal loss is a problem. I was getting Myrtle Beach rather weak one morning with my scanner in the window, a north-facing one at that. When I took my scanner to a south-facing window nearby the signal was near local strength! Just what I feared, though there isn't much I can do about it. The above listings go through October 5.

OTHER NOTES: I have lots of NWS stations on tape that I recorded while traveling. I taped just about everything I could get to and from the WTPDA Convention in Dunkirk, NY. But my favorite has got to be KBA99 from Honolulu, HI, taped in March. It is a very unique station because this one station covers the entire state through a network of repeaters, and has lots of information about marine data. Weather isn't that much of a priority in Hawaii (the newscast on KHON-2 gave it about 30 seconds at the very end of the newscast!) so you'll not hear much about a forecast, but there is tons of buoy data, wave information, etc. If you'd like to hear it, let me know!

As I mentioned at the start of this column, this will appear on an as-needed basis in the future. For awhile it seemed that I was the only one who had anything to report, and that was why I let the column go. Then I got a few reports and decided I should go ahead and type them up. Now if I don't get any more reports, this is the last column. But if I do get reports, then there will be a column. So in the future you may or may not see NWS News in the VUD. But it is here if you have something to send in.

I noticed awhile back that WXL60 Roanoke, VA switched back to 162.475, after being on 162.400 for about 3 years, I believe. The difference seems to be in coverage area. When they were on .400 they put a nice signal into Wytheville, about 75 miles WSW of Roanoke. In addition I rarely ever got them in Raleigh. Now that they are on .475 there is no signal at all into Wytheville yet I get them every once in a while in Raleigh, much more than ever before. I have no idea if the transmitter site has changed, but there is a change in coverage area.

Did anybody get any NWS Es this summer? I checked, hoping that with all the short FM I had maybe I would get something but I didn't. I may or may not be in Raleigh next summer; I graduate in May of 1992 and I'm not sure where I'll be after that. It is likely that I will go to the University of Oklahoma for graduate school, though. 73's Matt

## Robert Kramer (continued)

25 tr 0400	WLNS	6 MI				2 tr 1441	W46AS	46 WI			
0413	CITY	57 ON	440				(Milwaukee)		LPTV)		
0426	WDLI	17 OH	340				W65BT	65 WI			
0437	CICO32	32 ON	245				(Milwaukee)		LPTV)		
0445	WTOL	11 OH	240			2 tr 0015	WXON	20 MI	240		
0455	WKEF	22 OH	237			0025	WUAB	43 OH	293		
0520	WNEM	5 MI	233				WOIO	19 OH	320		
0529	WUAB	43 OH	293				WADL	38 MI			
0536	WPTD	16 OH	237				WTVS	56 MI	240		
0604	WCET	48 OH	250			0300	WLKY	32 KY	277		
0648	WFUM	28 MI	224			0341	WKEF	22 OH	237		
0658	WCMU	14 MI	200			0450	WPTD	16 OH	237		
26 tr 0543	WADL	38 MI				1022	CIII29	29 ON	260		
0544	KMCI	38 KS	468			1030	WIPB	49 IN			
27 tr 2156	WGTU	29 MI	225			1441	W43AV	43 WI			
							(Milwaukee)	WDJT-58)			
						11 tr 2142	CBLN	40 ON	338		
						2213	WFUM	28 MI	224		

(For the record, my sources show the call letters for channel 46 in Milwaukee to be W46AR. Do they use W46AS on the air? fm)

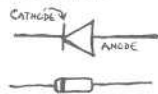
## ANOTHER SUPERTUNER III MOD! by BILL NOLLMAN

One additional modification to the Pioneer SuperTuner III is possible.

By adding a 1N914 (or any small signal diode) to the main PC board in the D514 holes the FM tuner will tune in steps of .05 MHz!

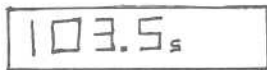
D514 is located under the tape section which must be removed to install the diode. Just make sure the band on the diode (the cathode) faces left (as marked on the board).

You can buy the diode at Radio Shack (or at any electronic parts shop) in a pack of 50 for \$2.



On the foil side of the board (the green side) the holes for D514 is labeled ES - likely European Standard. Or Extra Steps, or...

When the mod is done the display will look like →



Also affected will be the AM tuner - now switched to 9 kHz steps. PUTTING IN A SWITCH TO "UNPLUG" THE DIODE WILL RESTORE THE AM IF NECESSARY.

Good luck to any who try this as always.

DIGI-KEY NOW HAS 110 KHZ I.F. FILTERS IN STOCK!

DIGI-KEY OF MINNESOTA (701 Brooks Ave. South, Thief River Falls 56701-0677) now has the 110 kHz FM ceramic filters in their inventory and they are shippable now with no back orders.

--Bill Nienajadiy

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