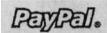
THE WORLDWIDE TV-FM DX ASSOCIATION Serving the UHF-VHF Enthusiast

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION THE FUNCTION OF THE OBSERVATION AND STUDY OF THE PROPARATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT WHF AND UNF, WITPAL IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREB CONGLO, BRUCE HALL, DAVE JANOWIAK AND MAKE BUGAJ.

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Had Enough Es Yet?

What a season we are having! This VUD weighs in at 64 pages and we could have added another ten pages if we wanted to. We've had to scale back FM North a bit. What we didn't use this month will surely be used next month.

This has been an extraordinary year for Trans-Atlantic TV and FM E skip. We've now seen that Paul Logan in N. Ireland has heart and verified CBAF 88.5 in Moncton, NB, We'll try to have more about that next month. Enjoyl

VILSAS 20 INCOM



FM ATLAS #19

Bruce Elving's newest listing of FM Stations is just \$23.00. Send your check or money order to FM Atlas, P.O. Box 336, Esko, MN 55733-9413 and keep it next to your radio or in the glove box in your car.

SPORTSRADIO!

Jim Thomas tells you who's on what station and when. Send your check for \$12.00 to WTFDA, P.O. Box 501,

Somersville, CT 06072 (checks payable to Dave Janowlak).



AUGUST 2003

Has everybody had their fill of E skip yet? Of course not, but conditions sure seem to have quieted down in mid July, but seem to be heating up again. Thankfully I did not have computer access during the convention and a few days after, but I did hear that there wasn't much in the way of Es floating around during that time so we didn't miss much.

| hope everyone who attended had a great time. 1 was happy to meet again with the folks I first met last year in Albion and 1 was happy to meet more WTFDAers this time. Unfortunately in all the chaos I missed a couple but there will always be a next time.

If you happen to be a member without internet access (or you're not a member of the WTFDA Topica list) then you've probably don't know of all the Trans Atlantic E skip floating over the North Atlantic during late June and early July. The skip was absolutely amazing. But never fear because you're going to read about it here. And if this type of skip makes your mouth water, you're going to find out what you need to know to hear it and see it here on this side of the pond. You got a little taste of it here last month and you'll get the whole meal this month. Yum!

MEMBERS AND MORE

We have three new members this month. One of them is James Alexander from Voorhees. NJ. Does that name sound familiar with anyone out there, especially those who've been here for some years? It should. Jim was the first editor of Photo News, If you look to your right you'll see page 26 from the March 1981 VUD, which is, think, the first Photo News.

By the way, over the years the VUD has had it's share of problems with the reproduction of photos and last month was no exception. It seems Jim also had the same problems when he was Photo News editor. What we've done this month to try to eliminate the problem is to change printers. If the pictures and graphics look better to you this month then hopefully we were successful with the change.

Our next new WTFDA members are Garrett Wollman from Framingham, MA and Steve Rich in Indianapolis. If I have all my information correct. Garret is a radio engineer and Steve also works in "the biz". And we should not forget Shawn DeCesari from Providence who we've had the pleasure to talk with on IRC chat many

times. Shawn is a computer consultant. We're happy to have you all here and hope you all eniov being part of the WTFDA.

Now, here's the list of all you good people who paid your dues and decided to put up with us for another year:

Robert Williams, IN Ralph Strobel, IN Paul La Fren!ere, MN Fred McCormack MN John Zondlo, OK Nick Lombardi, GA Mike DeRoo, KS Ron Purdue, MN Alan Michalek, MA David Flottman, MO Eric Sundius, AZ Paul Swearingen, KS Rick Lewis. AZ William Eckberg, It. Bill Burrows, PA David Shapiro, OK George Jensen, MD Calvin Glover, MD Chip Kellev, TX Bob Timmerman, IN Paul Mount, NJ James Snow, GA Michael Parks, WI John C. Johnson, MT Bob Smolarek, NJ Frank Aden, ID Guy Falsetti, NY Tim Johnson, NM Charles Bemth, NY Niel Wolfish, ON Dan Oglethorpe, LA



RENEREW GETS A VERIE PLUS

RENFREW GETS A VERIE PLUS...

We'll let Jim tell you about this, " On July 14 I received a verification letter for an E-skip reception of KON, channel 6, Tulsa OK on May 30, 6:22 AM CDT. The letter was sent by Gerald Weaver, Asst Director of Engineering. Nothing unusual about that, But, in addition, he also sent me a video tape of a segment of the 6 o'clock news in wh~h the local news anchors try to stump the weather guy about the "E Laver. and quote extensively from my QSL letter. Over his head with the subject, confusing ducting with skip, the weather guy finally refers to me as the Einstein who can explain it. They put my wean shot photo on camera showing their morning sports guy. They were guite amused by my okt N set which has knobs and dials, and suggest that in addition to the verification, the station should also send me a new N. The female anchor says that my reception of the station is better than hers down the street from the station. My N, by the way, is an old GE B8W model, vintage unknown. Perhaps this is a first, an on-air N verification? Scott. too bad I didnt have this in time for the WTFDA convention)

HAVANA FM STATIONS

This infom>ation supplied by the unknown DXer: " The Havana stations are on 90.3, 91.7, 93.3, 94.1, 94.9, 96.7, 98.3, 99.1, 99.9, 101.5, 106.3, 106.9 and 107.9. **RDS on 90.3, 93.3**, 96.7, 98.3, 106.3 and 107.9. " So, iF you heard Spanish on any of these channels during skip season, you may have had Havana. And who is the unknown DXer? Our lips are sealed (but it's not me.)

N DXER'S LAMENT, PART II

In reply to Roy Barstows cormrents regarding DN DXing in the July VUD, Bob Cooper writes "Ref Roy's so well stated: "Many little tricks I learned to enhance DXing. Now the demise of analog N DXing is like, losing a long friendship, it is slipping away in the darkness."

DVB-T (digital terrestrial) and digital satellite require two sets of computer instructions to work. One is the "software" that is unique to each telecaster and the other is called "firmware" which is the so-called "standard" which all stations use. The finrruvare has built into it a system of monitoring the number of errors in any given segment of time - such as 1 error (one missing data bit) in say 10,000 data bits. When the data bit "errors" exceed the firmware's pre-programmed threshold point, you have no reception. And in most boxes the wean goes to a blue saeen. What is important here is that the firmware determines WHERE this point might be. And the manufacturer who subscribes to the firm~nrare "standard" has adopted that

particular frmware "setting" to be in his set top box.

Let me make a forecast (will whether vou allow me to do so or not!). Somebody with far more native intelligence than I will work out how to MODIFY the STB (or N set's) firmware with a new set of instructions, perhaps making the acceptable "error rate" something rrae like 1 error in 1.000 to still produce a picture - of a sort. The present frmware is VERY consumer conscious - it stops reception when the number of data stream errors exceeds a very small number - in recognition that the AVERAGE consumer would tolerate virtually no "pixelation" before he turns off the N set. But you (and I) are hardly an AVERAGE consumer when we are chasing DX. We would gladly accept more pixelation if we could reduce the "threshold" of the blue screen switchon a few more dB.

Jim Gould in Indiana and a handful of others have the native intelligence to expbre the firmware in STBs and to work out how this "threshold point can be modified - not for your typical and AVERAGE viewer but for the Roy's of the world.

Now that you know it IS possible, all we need is somebody who is smart enough to do something with that knowledge!

WHOSE PROTECTING WHO?

On July 15", Bill Noliman caught a reception of WXNY-LP ch32 in New York City and wondered how this one could co-xisl with the full power ch31 (PAX) also in New York City. Doug Smith replied: " All prohibitions on firstadjacents are gone, except for full power analog vs. full-power analog. You can have a DTV next to an analog; a DN next to another DN; a full-power analog next to a LPN; or a DN next to a LPTV. Here in Nashville we have a LP on 26, a DTV on 27, and full-power analogs on 28 and 30.

Given that with cable, you have all the adjacents in use, this isn't as totally absurd as it might seem The same selectivity components that make it possible with cable are still in the circuit in over-the-air mode.

QUESTIONS

John Vervoort wants to know when WRGB- 6 was last received by Es. That was on July 19th by Doug Smith ~ 12:58pm. And after DN conversion will N stations return to their original channels? It's the stations' choice. They need to tell the FCC what theyll do by the end of the year. If their analog channel is above ch51 they cant move. If their DN channel is outside core they must move back. Non-comets get one more year to think about I (end of 2004).

Confused? frame the FCC, not Doug. See you in 30. -Mike

4



PAUL LOGAN TELLS HIS STORY

There's a lot d discussion going on of this amazing reception on the night d June 26th. So I thought I should introduce myself as I have not posted to the list in some time, but regularly read the digests.

I am located some 30 miles inland from the Atlantic coast d Ireland in the Northern Irish county of Fernanagh. There isrit much blacking me from the WNW and I was in this direction that my humble 4 element yogi was pointing Thursday **night** when the unimaginable happened.

For years DXers this side of the pond have discussed and dreamed about a Transatlantic opening. I guess the attraction was the notion of openings in which most of the stations heard are in our own language. Plus the distance d course!.

Over here we contend with everything from the usual Spanish and Ration openings to Arab North Africa and a slew of stuff from Eastern Europe and former soviet bloc states. Its all good stuff, but for years the holy grail of **Dxers over here has been an opening that** might span the Atlantic.

I think most of us have tried AM dx-ing and after hearing a few signals from North America that way- I think the idea aNvays comes up at some point, wouldrit this stuff sound great in stereol. Of course this was all dreaming...until last Thursday night.

The first signs of something happening were the pots on the 6 metre contact loggers online which showed a wide open path across the pond around 17:30utc. Then all the **N** carriers and some audio started rolling in.

But then around 18:10 there were brief blasts of North American speech on 88.5 interspersed amongst the huge European opening which was in full swing. I just didn't believe my ears. A station came up with a reference to New York and then talk about comedy. (I thought it must be AFN Europe) Then there was a French language station on 88.5 for ages - maybe 20 minutes and very strong which was giving hints at its source being outside Europe but I didrit waM to get too excited - and then while on the phone to David Hamilton in Scotland the yl dj said "Radio Canada" and I couldnY believe my ears. Next was light music on 88.5 coming up to 1900 fdlowed by a full ID on the hour from WHCF Bangor, Maine. And that was it -no more doubts. I was literally in a state of shack. The distance from my QTH to Bangor Maine is 2756 miles. And I am confident that other stations from along the Eastern seaboard were coming in but the open frequencies like 95.9 sounded like soup, with a number of stations bubbling all over each other.

Here's the final log for what made it through:

88.5 1815 CAN CBAF Moncton NB yl with "Radio Canada" id talk about Brazilian music in FF

88.5 1815 CAN CBVG Gospe QC CBC English, comedy show, mixing with CBAF. Gaspe just North from NB. Later very good at 1959

88.5 1900 USA WHCF Bangor ME id on top of hour and news. Fair to good at times. Later strong Gospel music.

88.7 1910? N. American Station, country, with Mark Knopfler country song not RTE or Radio2. Strong but brief.

92.9 1930 CAN CKLE Bathurst NB ads, frequent id's very very strong. Still there at 21 0 and after.

92.9 2020 CAN CBTR Roddickton NL CBC fisheries prog- brief burst of signal giving number in "St. Johns area".

97.5 1952 ? Two North American Stations here One Contemporary Rock other Country fighting I out.

97.1 2005 CAN CBTR Baie Vert, NL fisheries programme, received on 97.05 due to local ORM, David Hamilton also received this.

97.5 2010 CAN? VOCM St. Johns NL presumed Rock music station, heard at same time as 97.1 Baie Verte.

99.3 2015 CAN CBV6 la Malbaie QC? three Quebec stations listed but this one dose to Northern NB which seemed centre of opening in FF audible on 99.35 battling with local Lyric FM.

So I happened and now everyone over here is hoping for a repeat- which may or may not come. And I must confess in the days since I have been watching for A2 video a bt and trying to convince myself that Thursday night really did happen.

On a personal level I waited 20 years for this opening, I hope that the next one doesn't take as long.

Paul Logan,

Lisnaskea, N. Ireland.

Location: 54 15 N, 7 27 W in 1064GF

(Note: If you check Paurs loggings above, you will find a reference to two stations fighting it out on 97.5. Fortunately for Paul, he had a tape going at that time and this tape was placed on the internet where it was chopped, diced and dissected by WTFDA members. The result of this effort was a log of WFGY 97.5 in Watertown, NY. The staff at WFGY listened to this audio clip and definitely IDed this dip as originating at Froggy 97.5.)

DAVID HAMILTON TELLS HIS STORY

Hi all. Now that I have calmed down a bit I can tell you a little about what happened on Thursday 26 June 2003. About 18.00 GMT I did notice on the 6 meter duster that UK stations were working into Canada etc..so I checked A2 and A4 for carriers and for the next hour the carriers got steadily stronger and video was received on ch A2. Paul Logan from Ireland did phone me that he was hearing us stations on 88.5 and I did say a few choice words to him when he told me his recorder wasn't running.

So this was it. After the disappointment of my **short reception on Monday I started luning** around. I did hear some weak TV audio on 87.75 and some French on 88.3 and 88.5 but nothing strong enough for a recording. After a short while I thought this is not going to happen so I actually tuned to 97.1 to see if there was any tropo.

After 5 minutes I heard a weak YL, then it got stronger and then 1 heard the US/Canadian accent and I thought I was dreaming. The recording button was hit with a vengeance. Paul Logan and Tin Bucknall were phoned and were told I was getting Canada on 97.1 ... yes 97.1 ... I think Tin and Paul were in a state of shock. Shock doesn't adequately describe how I was feeling at the time!

The first reception was of a court case about a driving accident and the next was the fishing report with John Murphy ... thanks Mark Hattam for the website ... this has turned out to be CBTB-FM in Baie Verie, Newfoundland, Canada with 5kw but after telephoning the station I was told it is an old **transmitter and puts out much less. I also did** a small interview for them.

I have over 20 recordings to sort out and also possible A2 video pics and screen grabs from A2 and A4 video. So whars next ... South America? Well after Thursday's propagation anything is possible as Paul had North America up to 99.3 MHz. Thanks everyone for the help especially Paul Logan and Tin Bucknall

Equipment used: Sony ST SB920, 2 x 6 element stack (corn PCR 1000, dsp, 4 element band 1 yagi Plustron TVRC 5D band 1 tv Spectrum Lab software http://www.geociles.com/vdxrools/index.htm

David Hamilton, Scotland UK

AND NOT TO BE OUTDONE

Cyril Willis in the U.K. heard audio from WPBT-2. Impossible? No, it wasn't.

On Wed July 9th, 2003-07-09 at 04:39, Cyril Willis wrote: 2145 GMT A2 "BBC World", World News in English, sound 59.75

Doug Smith checked this and replied, "Again depending on your confidence in the offset, I think we can conclude this was WPBT Miami.

The CBC program schedule says BBC Works is carried only on CBC Newsworld - which is available on cable only, it's not broadcast over the air.

In the U.S., ft's carried by some PBS network affiliates at various lines. There are only four PBS affiliates on channel 2 zero offset: WPBT, WUND (Columbia NC), KGFE (Grand Forks ND), and KDTN (Denton TX). WPBT carries BBC World from 2130-2200z. KGFE carries it between 2200 and 2230 but of course that doesn't cover the period Cyril heard it.

am making the assumption no commercial stations carry this. I honestly think thafs a reasonable assumption for the U.S. and Canada."

WFRY VERIFIES BY EMAIL

Hi Paul,

We are just a bit excited here... that is definitely our station. We recognize two of our announcers, our voice guy, plus our "Froggy" identifier. Well be glad to confirm this however you need us too.

Thanks!

Michael Ring, CE

As you can all imagine I am pleased as punchl. Distance from Lisnaskea, N. Ireland to Watertown NY is 3049 miles!.

DXing the TAs...Equipment You Need

Will a good quality television and a good quality FM tuner be all you need to be able to dx European FM and TV?. Probably not.

It's **been** suggested the best choice would be an kom 7000/7100, but why would **DXing** with an lcom make it any easier? As long as you have a good tuner with narrow filters, a good antenna system, monitor the 6m 1-hour maps on dxers. Info **and subscribe** to the Skywaves list to see what our Mends on the other side are receiving, you should be In good shape for *FM* skip to Europe. Is an Icom absolutely necessary for **European** TV an" *Flit D)Ong*?

You need both. A quality selective FM tuner and wideband mutt-mode scanner. The lcom mufti-mode scanner (or comparable quality scanner) is used to detect the onset of any mufti-hop Es opening. This means you have all the main 48-70 MHz Europan TV carriers in memory pre-sets. You also check 50.11 for any unusual ham activity. All of this 45-60 MHz DX happens for a relatively long period before the MUF will reach 88 MHz. Once the MUF does reach the FM band, it will typically only be in about 10% of the time compared to the lower band 1 TV frequencies.

If your mainly into TV DX, you will go no further than the above. If you are also into FM DX, it's time to bring out the Onkyo and APS-13, and point it towards Europe.

How many East Coast US or Canadian DXers logged any European TV carriers during the June 26 opening? None that I know of. Given the extent of 50 MHz 6m multi-Es (both TA and TP), 45-70 MHz TV carriers would very likely be there to monitor if any one was interested.

The online internet 50 MHz prop logger and maps are useful. However, none of this will do much good unless you have the equipment to verify what they are reporting. This means quality separate outdoor directional antennas covering both the 45-88 and 88-108 MHz range.

The members of Skywaves are pretty much into weak video carrier detection. They were all using quality scanners. Paul Logan used a icom R7000 to track the rising TA Es MUF. Without scanners, Europan DXers would not be aware that US channels 2-6 were there. ---From Todd Emslie

it is my view (clearly stated as such) that North American TV (and III-A) DXem are creatures of "opportunity" using sub-par equipment, and techniques which were current decades ago. It is highly unlikely you will "stumble across" a European FM station without some advanced technology. First, almost nobody points their antennas E/NE unless there is a companion opening to Nova Scotia. The Europeans who did the "TA thing" had an intense Es opening at the same time they found NE USA and Canadian FM stations. They were for the most part prepared - highly refined lists of probable targets When I lived in Oldahoma and led the TV station-logged list, I approached each opening by having a very concise list of all stations still unlogged in any given direction. I would as a matter of habit not bother with reloggings. If I needed channel 34 Binghamton. I knew this from my prepared lists and when conditions were favorable I sat on channel 34 (and otters also needed in the same area such as Scranton 22) looking for signs that it might pop through. Relogs are fine for VUD space, but they don't push the imits of propagation. I would rather sit through a tropo opening into a target area on a blank channel watching for a signal to appear than relog channels previously logged. By the way, I left (Oklahoma) 'Target List" copies with Mike (B) when we met in Albion last September - as an example of "being prepared and ready" when the band did open. It is far better to know what the targets are, and to concentrate on those channels/frequencies, when conditions are favorable than zip up and down the band logging (relogging) the same stations again (and again).

The European Channel 1 TV stations still operating (Germany, for example) are nominally on 48.250XXX. That is almost 2 MHz lower in frequency than the typical amateur 6 meter band contacts at 50.11 and above; and therefore would be seen/heard BEFORE the amateur signals cross the Atlantic. The TV stations (Scandinavia, Germany, Spain) operate with big time power. By being BELOW 50.11 MWJ6 meters, they will with their power "propagate through/scross the Atantic' before - BEFORE - the six meter signals do. Therefore it will "happen' more often that TA six meter signals. Has anyone in NA ever - EVER logged a 48.250XXX TV signal? I believe not. First you need a PAL foment receiver, although that is not essential (an outboard tuner that tunes 48.250XXX feeding an American - NTSC - TV set will produce images just fine - they will simply display "tall, skinny peoplee" slightly out of proper proportions to what you are accustomed ot watching). More important, you need a TV set or outboard tuner that tunes to 48.250XXX. Does anyone have one, connected to an appropriate 7 meter aerial? I doubt that. Want to be "the first" to log European TV in NA?

Get a receiver or converter (under US\$40 in Europe) that tunes 48.250XXX, a decent antenna (a six meter "ham" beam would be a good start) and watch the web postings. The signals are there, strong enough to satisfy Guy F's criteria that you be able to "see video" if not actually hear audio as well. You won't do this with a "stock" Ameican TV receiver and a Radio Shack antenna.

European stations are well documented (listed) and powerful on FM. There, unfortunately, remains limited band 1 (low band) TV services in Europe although there are a few still operating on 48.25XYYY. The guys in Europe have invested in the best equipment, the best technology, and in the motto of the Boy Scouts - "they are prepared" when the conditions merit careful scrutiny. It pays off. We all know that, now, Record loggings don't just happen; they are the result of superior skills, better than average equipment, incredible perseverance, careful preplanning and lots of good luck. Logging a 1.200 mile channel 2 station on rabbit ears is a facet of our hobby. But it hardly pushes the limits of either the technology or the conditions that obviously do prevail at times.

Those who are FINALLY becoming interested in TA from east to west might check: www.Aerial-Techniques.com to learn what sort of TV DXing gear the Europeans use. Also, you might enter into exchanges with Roger Bunney who is TV-Satellite DX Editor for TELEVISION (a UK magazine) as well as WHAT Satellite TV (another UK magazine); Roger Bunney@solent.ac.uk, Once you know what you are looking for, in the way of specific models of gear, then go to e-bay UK (not USA!) and let your fingers do the walking. European channel TV sets are very common but unfortunately not in USA. They can be found in Miami and Los Angeles at larger electronic stores, for export sales, however. By the way, I handed to Jeff (Macomb, Illinois) the fabled D100 TV DXing tuner which most serious Europeans use when in Albion last September - I don't think he has plugged it in so perhaps somebody else in NE USA can talk him out of it! That's all you need and even a USA low band TV all-channel antenna will work, after a fashion, at 48.250XXX MHz (avoid cut to channel yagis as they have steep response skirts on both sides - even a channel 2 antenna: a 3 element ham radio 6 meter beam (see any ARRL handbook) will work quite well at 48.250XXX). -From Bob Cooper

The Icom R-75 is ideal. I use a 4 element wideband band 1 aerial 45 to 70 Mhz I think or somewhere round those frequencies. The video carriers are certainly visible without hearing anything. Obviously if they are getting to the level when video would appear (usually around S5) you hear a buzz but most of the

time you see the carriers and the meter doesn't move at all. You see loads of stuff going on meteor pings and carriers from hundreds of miles that you could only normally receive by tropo or Sporadic E. Programme in 48.239 48.249 and 48.259 and you will see carriers above and below those **frequencies or you could just tune through.** The Skywaves site has an excellent list of transmitter offsets.

TV tuner sensitivity:

Luse a D100 TV VHF/UHF tuner/RF converter. This little tuner box is used with any reasonable UHF TV that has vancap (variable dial tuning). The sensitivity of the D100 overrides whatever poor sensitivity may exist in the TV. Apart from using a 2dB noise figure masthead preamplifier in a quite rural area, the D100 provides optimum sensitivity.

The external ambient noise levels at band I 45-70 MHz frequencies are fairly high. The D100 features Mosfet RF amps, which has a noise figure lower than ambient external noise levels. This was confirmed by connecting the D100 via a RDX Labs UA-701 GAASFET wideband preamp (2 dB noise figure). The UA-701 made no viewable improvement to weak band I signals. 1950s and 1960s TV DXers would have almost killed to get their hand on one of these things! -Todd Emslie

AND NOW YOU HAVE THE CHANCE TO GET A D100!

If an loom R7000, R7100 or R75 is out of your **price range, an alternative is the D100** converter, built and sold in the U.K. Please see the information on the D100 included in this VUD.

The cost of the D100 is £159.95 plus £30.00 shipping. Payment must be made in pounds sterling and mailed to the UK. Electronic transfer is another option.

Even so, your cost in USD will be about \$267 plus \$33 shipping plus bank charges for certified checks or bank transfers.

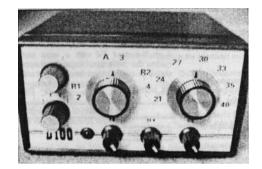
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com R75

DX-TV CONVERTERS

DEDICATED RECEIVERS FOR TV DX-ING NO MODIFICATIONS TO YOUR TV REQUIRED VISION I.F. BANDWIDTH REDUCTION



NEW D-100 IDE-LUXE'

- AUTO/MANUAL VARIABLE VISION IF BANDWIDTH
- MULTI-SYSTEM SOUND
- CALIBRATED IN DX CHANNELS
- NORMAL AND EXTENDED TUNING RANGES
- AUTO-BANDSCAN
- OPTIONAL BUILT-IN DX ALARM
- SUITABLE FOR SPORADIC-E, TROPO, F2, etc.
- VERSATILE AND EASY TO USE

D-100 VERSUS THE MULTI-SYSTEM TV The increasing intrusion into VHF Bands I and III by PMR, telementry, and other various forms of pomunication, means that the TV DX-ing hobby is becoming more of a challenge, especially in the United Kingdom. As a consequence, a receiving system with a high degree of selectivity is essential to help counteract its effects on long-distance reception.

At first, a multi-system TV receiver may seem the ideal choice for TV DX-ing but it does not address the complex reception problems encountered, particularly in VHF Bands 1 and III where interleaved channel allocations exist.

Multi-system receivers are mainly intended for the traveller or for use in countries where more than one TV system is available. The main drawback with such a receiver for DX-ing is its inherently wide vision I.F. bandwidth, which is necessary for high-definition pictures. Although good results may be obtained with local-quality signals, the shortcomings of such a receiver begin to show if attempting to resolve anything other than a strong solitary signal.

Other drawbacks associated with current TV receiver trends include video channel muting, when the signal level is considered inadequate for

domestic viewing, plus complex set-up menus and tuning arrangements.

The enthusiast relying on an 'up-converter' device (VHF to UHF frequency converter) for viewing VHF signals via a UHF TV receiver will also experience **shortcomings due to the use of the wide vision** I.F. bandwidth of the TV. Not to mention the problem of locating the channel in the absence of a signall

COMMUNICATION-STYLE' TV DX-ING

The D-100 Converter was first introduced in the early Eighties, providing a versatile approach to TV DX-ing and general-purpose sound monitoring. Its 'communication-style' design takes into account the special problems likely to be encountered by the TV DX-er in any part of the World.

The D-100 features its own calibrated tuning system with separate VHF and UHF rotary controls for coarse and fine tuning, covering virtually all known terrestrial TV channels.

A variable bandwidth vision I.F. processes the signal prior to final conversion to UHF Channel 65 approx. (adjustable) for presenting to the aerial input of a UHF TV receiver.

The D-100 exploits the double-superset principle of operation in which the television receiver functions as another I.F. *Further* improvements in selectivity can be achieved by making small fine tuning adjustments to the TV when interfering carriers are encountered.

The dial tuning found on many small-screen monochrome portables provides an easy and convenient means of fine selectivity adjustment and the most pleasing results will be obtained with such a receiver, especially when using bandwidth **reduction**.

A second output feeds an FM radio for sound. By simply matching the sound to the picture, multisystem reception is achieved, without the need for a special TV set or complicated internal receiver modifications.

BENEFITS OF A REDUCED VISION IF. BANDWIDTH

Television receivers designed for the now-defunct 405-line system employed a much narrower vision I. F. bandwidth (approx. 3MHz) than is necessary for today's 625-line systems. Years ago, DX-ers using modified 405-line TVs for the hobby soon jearned to appreciate the value a narrow vision I.F. bandwidth, not only in terms of its excellent selectivity, but also for the visual enhancement of weak signals.

A narrow *LF.* bandwidth is essential when attempting to resolve extremely weak OX signals under difficult reception conditions. A reduced vision *LF.* bandwidth helps resolve pictures normally 'lost in the noise' when a wide bandwidth is used. **Using** reduced **bandwidth**, some **enthusiasts** can detect low-level signals from transmitters located 300-500km away, virtually on demand, even under flat conditions.

VARIABLE I.F. BANDWIDTH

One of the most important features of the D-100 is its variable-bandwidth vision I.F. enabling optimum performance to be achieved with any type of propagation and reception difficulty. Bandwidth reduction techniques are increasingly used in domestic FM radio and satellite equipment for improving the reception threshold.

SELECTIVITY

On its narrowest bandwidth setting, a dramatic improvement in selectivity is achieved. Selectivity, to put it bluntly, is how effectively a receiver will only 'see' the wanted signal yet reject unwanted ones on adjacent frequencies. As a consequence, a useful degree of separation is possible when signals are present on adjacent channels only 1.5 MHz apart or less, such as Channels E2 and RI or IA and E3.

A multi-system TV with a wide bandwidth I.F. means the problem of adjacent channel reception shows as both pictures floating over one another.

OX SIGNAL 1 DX SIGNAL 2

WIDE VISION IF BANDWIDTH

ARROW I

MULTISYSTEM SOUND

By means of a simple connection to the aerial input/telescopic rod of an FM radio, any of the Worlds intercarrier sound systems can be resolved, irrespective of the vision *LF*. bandwidth setting, namely:-

4.5 MHz (USA, Canada, Japan 8 S. America) 5.5 MHz (Europe, Africa, Asia 8 Australasia) 6.0 MHz (tire, U.K and South Africa) 6.5 MHz (E. Europe; the CIS, Russia 8 China)

Variable sound-spacing means non-standard spacing can be resolved too, such as the 5.74 MHz carrier of TV services using the twin-channel intercarrier system for dual-language or stereo broadcasts. In the case of the latter, both channels may be monitored using two FM radios, each set to a different carrier.

GENERAL SOUND MONITORING

Non-TV sound carriers can also be monitored, such as the East European FM band (63-72 MHz), Italian FM radio links in Band I and cordless telephones operating at 49 MHz. Block frequency conversion is also possible, e.g. 63-72 MHz to 93-102 MHz.

AUTOMATIC I.F. BANDWIDTH

As the signal strengthens, the vision I.F. bandwidth increases, thus optimising picture quality. This is extremely useful when receiving SporadicE signals of fluctuating strength. Manual control is also provided.

AUTO BANDSCANNING

During periods of intermittent Sporadic-E activity it is tempting to monitor a vacant channel for initial signs of reception. Unfortunately, propagation can frequency-selective and signals usually

suddenly materialise on another channel! The

scanning facility allows the previewing of the whole of Band I when an opening is imminent. UpfDown scan indication is provided.

TUNING

Calibrated in DX channels, rotary controls provide fast access to virtually any current terrestrial TV frequency. The normal tuning range covers commonly-received DX channels while extended ranges provides access to frequencies outside the normal TV bands, such as Band II channels used in Australia, Japan, Albania, Russia and CIS countries.

COLOUR RECEPTION

When conditions allow, colour DX-ing is possible. The D-100 will pass PAL, SECAM and NTSC signals to the TV but will only be displayed in colour if the receiver has the appropriate decoder fitted.

FRENCH RECEPTION

The French system is incompatible with any other used throughout the World: positive-going vision modulation is used, as opposed to negative-going. For general DX-ing, the D-100 provides video inversion of medium/strong signals. In France, AM sound is used, as opposed to FM intercarrier. Many FM radios have poor AM rejection, which provides a basic means of hearing the AM sound.

N.B. If the external equipment has an AM sound facility, this may be used. This will also allow other AM (non-TV) signals to be monitored.

DC POWERING (14.5-24V)

The D-100 can be operated from the mains via a standard (non-regulated) '12V DC plug-in adaptor (300mA minimum) or from batteries for mobile work.

OPTIONAL IN-BUILT DX ALARM Emits a tone when Sporadic-E signals are encountered. Also ideal for wintertime, when DX reception is less frequent.

TECHNICAL SPECIFICATION

 NORMAL TUNING RANGE:

 BAND VII: 47-70 MHz (Channels E2-A4)

 BAND III: 174-225 MHz (135-1312)

 UHF:
 470-640 MHz (E2 I-1342)

HIGHER EXTENDED TUNING RANGE:-

BAND 1/11: 65-95MHz (Channels R3-J3) BAND III: 220-300MHz(EI2-SA13) UHF: 620-820MHz (E40-E64)

LOWER EXTENDED TUNING RANGE: BAND VII: 44-50 MHz (Channels NZI-R I) BAND III: 140-175MHz (M4-135 approx.) UHF: 460-480 MHz approx.

AUTO BANDSCAN MODE:-BAND I: 45-70 MHz approx. (NZI-A4) BAND 111: 160-220 MHz approx. (M4-El2) UHF: 470-570 MHz approx. (1321-1333)

RADIO OUTPUT: 95-108 MHz (typical). TV OUTPUT: Ch E65 (adjustable). I.F. BANDWIDTH: Min: 2 MHz (typical) Max: Limited by the TV LF. bandwidth. DC INPUT: 14.5-23V via 3.5mm JACK-

D-100 'DE-LUXE' without Alarm... Code R20 D-100 'DE-LUXE' with DX Alarm. Code R21

N.B. D-100 and D-500 converter prices include a 12V DC 3-pin (flat pin) mains PSU when despatched to UK addresses. With EXPORT orders the PSU is NOT supplied and this is reflected In the add-on supplements for Insured AIRMAIL delivery.

A receiver based on the D-100 for vision-only DX-ing in Bands I and II.

The D-500 is ideal as an additional receiver during hectic Sporadic-E openings or where sound can already be resolved using a scanner.

The D-500 features variable I.F. bandwidth reduction to help lift weak signals out of the noise and improve adjacent channel rejection.

 Simple rotary dial tuning Calibrated with DX channels. Covers 4S86MHz approx. (ChNZ1-R4).
 Variable vision I.F. bandwidth.

e Manual gain adjustment..

- e Adjustable RF output channel.
- DC Powering: see D-100 specification.

D-500 CONVERTER.£99.95 + £20 SHIPPING



ORDERING INFORMATION

Payment must be made prior to the dispatch of goods by one of the following methods: 1. International Money Order/Giro and Bank Drafts (**cobained from your local bank**). Ensure that **drafts are** signed and made payable to - HS PUBLICATIONS' in £ Sterling. These should be cashable via a bank located within the U.K. Please send Bank Drafts via registered post for security.

 Current banknotes (£ Sterling or convertible currencies only) sent by registered post. Euros accepted.

MOO: £159.95 plus **£20.00** shipping (Approx \$267 plus \$33 shipping)

Email: Garrysmtth@dx2vfsn&Lco.uk HS PUBLICATIONS 7 EPPING CLOSE, DERBY DE22 4HR ENGLAND

C FM TARGE LIV

Your best bets for hearing those European TAs on FM (material supplied by David Hamilton)

FRANCE

88,700 F Lille-Bouvigny "France Musiques" 400,000 Watt QTH: 02e39/50n25 89 000 E Le Mans-Mayet "France Culture" 200 000 Watt OTH: OOel9/47n45 89,400 F Bresl-Roc Tredudon "France Musiques" 50,000 Watt QTH: 03w53/48n24 89.900 F Rennes/St.Pern "France Musiques" 100.000 Watt QTH: 01w57/48n17 90.600 F Nantes/Haute-Goulaine "France Intel" 200.000 Watt QTH: 01w26(47n11 92.600 F Le Mans-Mayet "France Inter" 270.000 Watt QTH: OOel9/47n45 95,400 F Brest-Roc Tredudon "France Inter' 50,000 Watt QTH: 03w53/48n24 95,600 F Caen-Mont Pinson "France Musiques" 100,000 Watt QTH: OOw36/48n58 96.000 F Vannes-Moustoir•Ac "France Culture"20.000 Watt QTH: 02w53/47n49 96,400 F Niort-Melle "France Culture"200,000 Watt QTH: OOw03/46n11 97.800 F Brest-Roc Tredudon "France Culture" 50.000 Watt QTH: 03w53/48n24 98.300 F Rennes-St.Pern "France Culture" 100.000 Watt QTH: 01w57/48n17 98,900 F Nantes/Flaute-Goulaine "France Musiques" 200,000 Watt QTH: 01w26/47n11 99.600 F Caen-Mont Pinson "France Inter" 50.000 Watt QTH: OOw36/48n58 100,100 F Rouen-Grand Couronne "France Bleu Haute Nomlandie" 115,000 Watt OTH: 01 e00/49n20

101.000 F Niort-Melle "France Bleu Poitou" 50.000 Watt QTH: OOw28/46n20 101.300 F Vannes-MoustoirAc "France Bleu Armorique"20.000 Watt QTH: 02w53/47n49 101.800 F Nantes/Haute-Goulaine "France Bleu Loire Ocean" 158.000 Watt QTH: 01w26/47n11 102.600 F Caen-Mont Pinson "France Bleu Basse Normandie" 100.000 Watt QTH: 00w36/48n58 103.100 F Rennes-St.Pern "France Bleu Armorique" 100.000 Watt QTH: 01w57/48n17 103.900 F Saintes-Preguillac "France Bleu La Rochelle" 60.000 Watt QTH: 00w37/45n39 105.500 F Nantes/Haute-Goulaine "France Info 200.000 Watt QTH: 01w26/47n11 105.500 F NiorVMelle "France Info" 200.000 Watt QTH: 00w37/45n17 105.500 F Rennes/St.Pern "France Info" 100.000 Watt QTH: 01w57/48n17 105.700 F Rouen-Grand Couronne "France Info 100.000 Watt QTH: 01w57/48n17

UK

88.1 G Sandale "BBC2" 250.000 Waft QTH: 03w08/54n55
88.7 G Blaenplwyf "BBC2" 250.000 Watt QTH: 04w06/52n22
89.9 G Blackhill/Ba(hgale "BBC" 250.000 Watt QTH: 03w52/55n52
90.9 G Meldrum "BBC3" 150.000 Watt QTH: 02w24/57n23
93.1 G Londonderry "BBC R. Ulste' 31.000 Watt QTH: 071n22/55n00
93.1 G Meldrum "BBC R. Sootiand"150.000 Watt QTH: 02+n24/57n23
94.3 G Black Hill/Bathgate "BBC R. Scotland"250.000 Watt QTH: 03w52/55n52
94.5 G Divis "BBC R. Ulste' 125.000 Watt QTH: 06w01/54n36
98.1 G Skriaig "BBC1" 50.000 Watt QTH: 06w01/54n36
99.9 G Sandale "Classic FM" 250.000 Watt QTH: 03w08/54n45
100.5 G Meldrum "Classic FM" 250.000 Watt QTH: 02w24/57n23
101.9 G Divis "Classic FM" 250.000 Watt QTH: 06w01/54n36

IRELAND ... THE BEST CHANCE I THINK

88.8 El Maghera "RTE Radio 1" 180.000 Watt QTH: 08w43/52n57 91.0 El Maghera "RTE Radio 2 FM" 160.000 Watt QTH: 08w43/52n57 91.8 El Mount Leinster "RTE Radio 2 FM" 100.000 Watt QTH: 06w47/52n37 92.3 El Mullaghanish "RTE Radio 2 FM" 160.D00 Watt QTH: 09w09/51n59 93.2 El Maghera "RTE Radio Na Gaeltachta' 160.000 Watt QTH: 08w43/52n57 94.4 El Mullaghanish "RTE Radio Na Gaeftachta" 160.000 Watt QTH: 08w43/52n57 94.4 El Mullaghanish "RTE Radio Na Gaeftachta" 160.000 Watt QTH: 08w43/52n57

99.6 El Mullaghanish "RTE Lyric FM" 80.000 Watt QTH: 09w09151 n59 101.8 El Mullaghanish "Radio Today" 80. 0 Watt QTH: 09w09/51 1759 103.7 El Monagahn "KISS FM" 40.000 Watt QTH: 06w58/54n15 105.5 El Clermont Cam "Today FM" 40.000 Watt QTH: 06w19/54n05

What's Out There in TA TV- Land?

This is a brand new list courtesy of Tim Bucknall in the UK.

_E2
47.963.841 Tale A, Monte Faito, Italy 47.977.5 Monfalcone, NE Italy
(10m 48.236.980) 48.236.875 - 237.021 Antwerp, Belg (102124/8/02)
(8m 48.239.584) SVT-1 Orebro, Sweden (207.5 1918/02) (198 2518/02x208121111/02) (345 26/4/03) 48.239.198 - 352 SVT-1 Orebro, Sweden (207.5 1918/02) (198 2518/02x208121111/02) (345 26/4/03) 48.239.456 ARD-1, Gottelbomer Hohe(501 17/8/02) (509 19/8/02) (489 19/9/02) (596 25/4/03) 48.239.568 Asian Unid or Germany drifting (19/8/02) 48.239.577-578 Gerting Sempah, MLA (578 22/10/02) (577 12/11/02 JF) 48.239.577-586 TV3, Nalchon Ratchasima, Thai, Came up with Iran on E'sil (1646 20/8/02) 48.239.592 - 621 INIB, Kuh E-Nuh, Iran, (600 24/8/02) (603 5/9/02) (52121/10/02) (594 4/6/03) VNID (asia/Middle east) (21/10/02) (028 25/10/02 JF) Unid (422 10/6/03)
(7m 48.240.886) 48.241.015 UNID, Scandanavia
(6m 48.242.188) 48.242.166- 242 Muro, Portugal. Drills (195 17/8/02) (166 17/9/02)
(3m 48.246.094) 48.245.816 - 992 NRK-1, Gulen, Norway. (822-832 8/8102) (992 12/11/02 JF) (980 2015/03) 48.245.820 - 830 Unid, Eastern Iran???, dirty signal
(2m 48.247.396) 48.247.396 - 401 HR Bledenkopf, Germany (4017/11102) (400 24/8/02)
(1m 48.248.698) 48.248.698 NRK-1, Varanager
(Zero Offset 48.250.000)
48.249.542 Unid (16/9/02) 48.249.626 - 637 unid (28/4/03)
48.249.674 RTM. Cameron Higlands, malaysia
48.249.752 Unid.
48.249.879-881 48.249.892 - 960 KBC, Timboroa, Kenya (942 918102) (9212318/02) (953 30/3/03)
48.249.967 Low Power Iran (pres) (25/10/02 JF)
48.249.991 (1822 19/8/02) 48.249.994-997 wide.east med (9/8/02)
48.250.000 SF-1, Bantiger, Switzerland (drifts down at Night due to temperature) (000.3 20/8102)
48.250.004 unid, east mad area (9/=2) 48.250.005 (211219/=2)
48.250.008 - 030 5VI-1 Vannas, Sweden (014 19/8/02)(030 27/4/03)(02/ 2//4/03) (018 20/5/03)
48.250.013 Lebanon (20215/8/02) (024 7/8102) (012 9/8102) 48.250.028 central Syria or eastern Jordan-more info required here (JF 25/10102)
48.250.042 Unid, Middle eastern (1.915/03)
48.250.090- 132 Dubai UAE, (115 24/8/02) (114 8/10102) (097 12/11102 JF)(132 19/5/03) (099 26/5/03x130 4/6/03)
48.250.123 - 295 48.250.147 - 172 Home, Syria. (172 718/02) (161818)02) (164 1718/02) (159 24/8102) (158 4/6/03) (162 1/6103)
46.250.270- 280 Unid, Africa (171=2)
48.250.338 - 378 Malabo, Equatorial Guinea (340 4/10/02) (371 22/10/02x352 17/4/03) (362 25/4/03) 48.250.343 - 361 SVT-1, Hoglekardalen, Sweden (361 23/9/02)
48.250.399 Middle east? (26/4/03)
48.250.977 Middle East (26/4/03)
(1p 48.251.302) 48.251.752 - 770 Bodal, Norway (761 183123/11102) (752.5 24/9/02)

(2p 48.252.604) 48.252.201 - 245 SVT-1, Alvdalsasen (202 18/9/02)

48.252.456 - 501 NRK-1, Grepstad, Norway (474 1718/02) (456 2318102) (474 2/11/02)

48252.584 Unid, Dirty

48252.826 - 830 Iran, dirty drifter

(4- 40.055.000)	
(4p 48.255.208)	UNID Distance of a silah and
48.254.701-707	UNID. Dirty, not a sileband
48.255.179	SVr-1, Bispfors (135136 8/8/02)
(5 40 050 540)	
(5p 48.256.510)	NDV 4 Mallow Names (400 40(44/00 JE) (470 00/5/00)
48.256.456 - 500	NRK-1, Melhus, Norway (492 12/11/02 JF) (479 20/5/03)
(7.5p 48.259.765)	
48.259.543 - 595	RIB,Pishin, Iran(554 21/10/02) (543 25/10/02 JFx595 28/4103x231 416103)
(8p 48.260.416)	
48.260.317	Mukdhan, Thalland (22/10/02)
48.260.367 - 378	Udon Thani, Thailand (374 22/10102) (367 22/10102x371 12/11/0)2)
48.260.383 - 421	NRK-1, Stelgen, Norway. (421 8/8/02) (413 26/4/02x394 2015/02)
48.260.409	Unid, Asia (411 23/10/02)
48.260.423	Grunten, Germany (422.5 17/8102x426 17/4/03)
48.260.434 - 439	Unid, beaming east (434 5/8102)
48.260.444	Phrae, Thailand, strong skdebands on 494/5441594/644/694
48.260.559	SVr-1, Utansjoe
48.260.915	Unid Reandanaula (222.5/4.02)(417.25/4/03)
48.261.117-222	Unid, Scandanavia (222 5/1/03)(117 26/4/03)
(9m 40 700 50 4)	
(8m 49.739.584) 49.738.721	Unid, Caucasus Region (1906 8/8/02)
49.738.832	Unid, Caucasus region Slight Wobble
49.739.001	Unid, Central Asia (21/10/02)
49.739.150 - 579	UT-1, Lvov, Ukraine. Massive drifter, dirty signal(504 27/4/03) (574 22/5/03)
49.739.170	Unid Russian, caucasus
49.739.420-703	Budapest, Hungary. Jumper (689 27/4/03)
49.739.579	ET1, unid b, estonia (17/4/03)
49.739.588	UNID. Russia (589 7/8/02)
49.739.592	unid (1/6/03)
49.739.594	UNID. Low power, Russia/ Pyypche, UKR (594 1947 &8102)
49.739.595	Bishkek, Kyryzstan (DH 5/1/03)
49.739.601	Bishkek ??
49.739.601 - 628	Prague, Czech Republic (603 5/8/02x628 27/4/03) (601 22/5/03)
49.739.611 - 662.	Simferopol, Ukraine (66222/&03)
49.739.624 - 628	Drifts both ways, Central Asia
49.739.647	Klintsy, Russia?
49.739.690	Unid, (19/8102)
49.739.701	Unid, (1918/02)
49.739.710	Unid, (1918/02)
49.739.769 - 837	Buky, Ukraine, as unstable as Lvov Hopping badly (1042 218/02)
49.740.119	
(7m 10 710 886)	
(7m 49.740.886) 49.740.537	Elista Russia (1907.8/8102)
	Elista, Russia (1907 8/8102)
49.740.877 (6m 49.742.697)	unid, Russia
49.742.697	Unid LP Russian, N,Caucasus (8/8/02)
-3.172.031	and a constant of a name for a set
(4m 49.744.792)	
49.744.792 - 797	Nanykanisza Hungany (703.8/8102) (702.2/18/02) (705.1315/03)
-3.144.182 - 181	Nagykanisza, Hungary. (793 8/8102) (792 2418/02) (795 1315/03)
(3m 49.746.094)	
49.745.636	Serov, Russia
49.745.833	sideband of 49.761458 Poltsamaa, EST??? (17/4/03)
49.746.390	Khmelnitsky, UKR (4/8102)
49.746.951	unid (15/5/03)
(2m 49.747.396)	
49.747.372	UNID warbler, not Moscow
49.747.390	STV-1, Brestovec, warbler (1804 8/8102)
49.747.400	Moscow, Russia
49.747.675	UNID Clean carrier, not Moscow or the warbler's
	· / ·· · ···· · · · · · ·
(1m 49.748.698)	
49.748.651-654	Unid, Russia
(Zero Offset 49.75	50)
49.748.990	Čahul, Moldova
49.749.426	Astrakan or Unid , Cucasus
49.749.475	Lp Ukraine
49.749.480 - 660	quartet of Carriers, one with rapid cyclical drift, Asia (22/10102)
49.749.480 - 660 49.749.527	Astrakan or Unid, Cuucasus
49.749.480 - 660 49.749.527 49.749.625	Astrakan or Unid , Cuucasus Unid, Lp Ukraine? (2044 3/8/02)
49.749.480 - 660 49.749.527	Astrakan or Unid, Cuucasus

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49.749.823 - 849	Krovol Rog, Ukraine. Last seen on 49.749.827, 02-08-02)
49.749.829 - 831	wobbles, Asia (22110/02) suspect, one of 3 Ws in the IF Region of UKR
49.749.856 49.749.900 - 903	Unid, LP Ukraine (900 2044 3/8/02)
49.749.900 - 903	Kunda, Estonia. Listed 1 watt 1
49.749.928 - 930	UT-1, Western UKralne
	025 St Petersburg, Russia (warbler) (985 19/8/02)
49.749.991	Pavlohrad?,UKR (came up with krivih rlh 2/8/02)
49.749.992	Baki, Azerbaidjan (21/10/02)
49.749.992-996	Minsk Belanrs. V unstable (warbler)
49.749.993 - 999	Yerevan, Armenia (996 7/8/02) (993 8/8/02) (999 22/10/02)
	ORF-1, St Pollen
49.750.001	Unid, Asia $(22/1=2)$
49.750.002 - 009	MTV-1, Unkl ix, HNG Wide +/- 15 Hz
49.750.003	China? (thaliand present) (13/11/02 JF)
49.750.005-007	Kraslice, Czech Republic - presumed
49.750.023	UNID
49.750.045	Astrakan or Unld, Caucasus
	Astrakan or Unid , caucasus
49.750.110 - 113	LP westem UKR (11322(5/03)
49.750.143v	low power Russia
49.750.205	colour bars at this time usually mean BLR, but nothing listed(19/5/03)
49.750.365	unid, came in with St Petersburg, pres LP N.W Russia (2110 19/8/02)
49.750.400	Ukraine? (27/4/03)
49.750.521	unid came in with St Petersburg (2044 3/8/02)
49.750.525	LP RUSA/KR (2021 3/8/02)
49.750.591	low power Russia
49.750.659	low power Russia
(1p 49.751.302)	
49.751.117	Unid, Caucasus
49.751.244	UNID NW Russia, Under 5kW
49.751.296	LPRussia (1941utc 2/8/02)
49.751.335-336	Unid Caucasus Russia
49.751.673	LP Russia (1941utc 718/02)
(0= 40 750 004)	
(2p 49.752.604)	Unid, LP,N.W Russia (254 19/8/02)
49.752.235 49.752.400	N.W. Russia. Low power, under 5kw (400 5/8/02) (402 5/8102) (421 19/8/02)
49.752.400	Caucasus/Central Asia (definitely not same as above) (22/10/02)
49.752.910	Unid, Russian, caucasus
49.753.139-212	UKR,CZE,SVK &HNG present at the time (212 1716/03)
43.733.133-212	••••,••=,••••••
(6p 49.757.812)	
49.757.609-629	Globokoye, Russia (629 5/8/02)
49.758.807	(26/5/03)
(7p 49.759.114)	
49.759.240 - 247	Vladikavkaz, Caucasus (jumper Jumps up to 247, drifts back to 240)
49.759.257	Attbar, Kazakhstan (2211=2)
49.759.549	unid, Russia
(8p 49.760.416)	
49.759.761 - 772	Calilabad, Azerbaijan or low power Russia(761 26/4/03) (750 28/4/03)
49.760.123	Unid, Asia (DH 16/11/02)
49.760.396-409	Kuldiga, Latvia
49.760.411	Kuldiga drifting or unld? (411 5/8/02)
49.760.413	UNID Baftles
49.760.447	Nyandoma or KR.Baki, Russia
49.760.487	UNID NW Russia
49.760.493	Furmanovsk, Kazakhstan
49.760.494	Not sure tt this is Ostrava (19/8102)
49.760.491 - 496	
49.760.543	Amasia, Armenia
49.760.605	Voronezh, Russia (2037 3/8102)
	Destau Dussis (0/0/02)
49.760.868	Rostov, Russia (8/8/02)
49.760.868	Rostov, Russia (8/8/02) Unid, Itay(19/4/03) Unid, Ex USSR? (27/6/03)

NEWS

Doug Smith W9WI 1385 Old Clarksville Pike Pleasant View, TN 37146-8098 w9wi@w9wi.com

August2003

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kri	tions:		
	License to cover (for charges or new station)	PC	
	Applied For (a new station)	PG	
AF aux	Auxiliary (backup) transmitter	PR	
CC	Call Change	QC	
	City-of-license change		
	Station deleted	QG	
	Programming (HeeformatHO) change	OR	
	Granted Amendment (to table of	RA	
	channel allotments)	ROA	
15,188	Not on the air	s	
	New station granted permit	STA	
	New station on the air	XC	
	Proposed Amendment (to table of	XG	
	channel allotments)	XR	

News:



Alabama

27 WCQT-LP OR from ch. 52. 16kw; CC from W52BJ 28 WMJN-LP QR from ch. 43. 12kw 34-30-43/86-50-55 50 W57BV OR from ch. 50, I I.Bkw Uralear Pereluisiklaisiklitiklitigen 43 WGIQ PR<4180kw/262m 44 WGIQ-DT PR>262m

21 WMPV-TV PG<3083kw 34 W34DC OG from W81 DH, 29.9kw

Alaska:

Anchorage 6 KYES-DT GA from ch. 22

Arizona:	
	51 K58AV OR from ch. 59
	16 K18EO CC from K60FC
	24 KTVK-DT PG>501m
boblikteiteiteiteitei	48 KDRX-LP PC>526kw,
	33-20-03/112-03-38
	49 KASW-DT PG>487m
	19 KTTU-0T PR 480kw11123m,
	32-24-56/110-4250
	24 K54FW OR from ch. 54
	29 K29DK PR>1.16kw,
	35-12-011112-12-15,
	already granted
Arkanese:	
FL Derede	20.000000 IZ NC 50001au/520m
El Dorado	30 980920JZ NS 5000kw/538m,

l Dorado	30 980920JZ NS 5000kw/538m,
	33-04-41/92-13-41 11 KETS-2
	11 KE13-2

Power the air Power Power Chann the air Channe Channe Returne Reque Off the Special Transm Transm Transn

Fort Smith	32 K32GH	QG from K68ET.
or ont	92 N920H	150kw
		35-49-49194-09-24
Fort Smith	48 K48FL	PR>51.8kw,
Harrison	B KTKO-LF	35-40-09/94-48-42 PG<2kw
	Dittito Li	CC from K08NG
Jonesboro	20 KTEJ-DT	PG>310m
California:		
Avalon	54 KAZA-T	/ NS 2323kwf634m,
	0.1012.01	34-13-37/118-03-57
		(aux)
Bakersfield	19 KAZBCA	QC#from ch. 65,
Bakersfield	25 KGET-DT	NW# 135kw/405m
Bakersfield	34 KJOI-LP	QC#from ch. 33
Calexico	36 K36FO	QC# from K22FJ,
F		76kw T NW# 185kwl577m
Fresno Hanford	•••••	P QG from ch. 18. 2kw.
Hanioru		37-04-10/119-24-40
India	6 KOSMB	PG>3kw
Los Angeles	25 KNET-LP	PR>A.Bkw,
		34-12-48/118-03-41
		but returned 73.3566
		(patently defective
Monterey		application) P QCS from ch. 52.
montoroy	45 KINOL-LI	55.1 kw.
		36-45-22/121-30-06;
		CL from San Martin
		PCN>9.98kw
Palm Sprs.	31 K68BM	OR from ch. 66,
Paso Robles	17 K17GD	150kw QC# from ch. 21,
1 400 1100/00	II IIII OD	11.6kw
Red Bluff	27 KUCO-LF	
		39-57-45/121-42-40;
Redding	66 new-lp	CC from K27HC AF dismissed ROA
Reduing	00 non ip	

(and/or tower height) change on
change granted change requested nel (WeefrequencyWo) change on
el change granted el change requested ed to the air si of applicant air (silent') al Temporary Authorization nitter site change on the air nitter site change granted nitter site change requested
CH QG from K68ET, 150kw,
35-49-49194-09-24 FL PR>51.8kw,
35-40-09/84-48-42 O-LP PG<2kw;
CC from K08NG J-DT PG>310m
ZA-TV NS 2323kwf634m,
(aux) BCAQC#from ch. 65,
14.5kw T-DT NW# 135kw/405m
-LP QC#from ch. 33
FO QC# from K22FJ,
76kw
2E-DT NW# 185kwl577m
/IMd-P QG from ch. 18, 2kw,
37-04-10/119-24-40
MB PG>3kw
T-LP PR>A.Bkw,
34-12-48/118-03-41 but returned 73.3566
(patently defective
application)
E-LP QCS from ch. 52,
55.1 kw, 36-45-22/121-30-06;
CL from San Martin S-LP PCN>9.98kw
3M OR from ch. 66,
150kw
GD QC# from ch. 21,
O-LP PR>67kw, 39-57-45/121-42-40;
-Ip AF dismissed ROA

Salinas San Diego	13 KCBA-DT 31 K31 FC	NWX 19.75kw1720m FC; sold to	I
S Francisco	52 K521Q	Telefutura NS 62.4kw, 37-49-40/122-18-53	
		(KABL-AM tower,	I
San Bdno.	30 KPXN	Oakland) PR 2630kw1894m, 34-12-461118-03-42	I
San Bdno.	64 new4b	AF 6.96kw, 34-14-031117-08-25	
S. L Tahoe	12 K12PP	NS 47w, 39-04-57/120-10-28 (KRXI-11 Fox)	ŝ
Stockton	64 KKTF	CC from KFTL	
Templeton		XG	-
	A CONTRACTOR	35-38-45/120-44-16;	
		CL from Paso Robes	
Uklah	19 K23CZ	QC# from ch. 23	/
Vallejo		NW! 150kw1419m	
Vista	21 K26FA	OR from ch. 26	
\\/_/		dismissed ROA PG>100.4kw/698m	
Watsonville	25 KCAH	PG>100.4KW/698III	
Colorado			,
<u>Colorado:</u> Aurora	39 KKTU-I P	CC from KDEV-LP	,
Colo Sons	22 KXRM-DT	NW#51kw1641m	
Colo. Sprs.	57 KXTU-LP	NW#51kw1641m PR>B3kw	
Estes Park 2	27 K65AA	QC# from ch. 65, 38kw,	
		39-54-48/105-17-33)
Estes Park 3	36 K57AA	OR from ch. 57,	
		61.2kw, 40-27-191104-55-25	
Ft Collins	54 K541K	NS 76.4kw,	
Ft Collins	54 K54 IK	4032-4&105-11-51	
Placeant V/	130 K3000	QC# from K47CR	
Red Cliff	28 K28H1	QC* from K19CB, 30w.	
Pleasant Vy Red Cliff	28 K28H1	QC* from K19CB, 30w,	
Red Cliff	28 K28H1	QC* from K19CB, 30w,	
Red Cliff	c	QC* from K19CB, 30w, 39-33-57/106-03-17	
		QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m,	
Connecticut Bridgeport	42 WSAH-D	QC* from K19CB, 30w, 39-33-57/106-03-17 TPR 1000kwl164m, 41-16-44/73-11-08	
Connecticul Bridgeport Hartford	42 WSAH-D	QC* from K19CB, 30w, 39-33-57/106-03-17 TPR 1000kwl164m, 41-16-44/73-11-08 PR>150kw	
Connecticut Bridgeport	42 WSAH-D	QC* from K19CB, 30w, 39-33-57/106-03-17 TPR 1000kwl164m, 41-16-44/73-11-08 PPR>150kw POR from ch. B, 50kw,	
Connecticul Bridgeport Hartford	42 WSAH-D	QC* from K19CB, 30w, 39-33-57/106-03-17 TPR 1000kwl164m, 41-16-44/73-11-08 PR>150kw	
Connecticul Bridgeport Hartford Hartford	42 WSAH-D 38 WHCT-L 48 WMLD-LI	QC* from K19CB, 30w, 39-33-57/106-03-17 TPR 1000kwl164m, 41-16-44/73-11-08 PPR>150kw POR from ch. B, 50kw,	
Connecticul Bridgeport Hartford Hartford District of C	42 WSAH-D 38 WHCT-LI 48 WMLD-LI	QC* from K19CB, 30w, 39-33-57/106-03-17 TPR 1000kwl164m, 41-15-44773-11-09 PR: 1504w POR from ch. B, 50kw, 41-47-48-472-47-52	
Connecticul Bridgeport Hartford Hartford District of C	42 WSAH-D 38 WHCT-LI 48 WMLD-LI	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15-44/73-11-08 PR>150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m,	
Connecticul Bridgeport Hartford Hartford District of C	42 WSAH-D 38 WHCT-LI 48 WMLD-LI	QC* from K19CB, 30w, 39-33-57/106-03-17 TPR 1000kwl164m, 41-15-44773-11-09 PR: 1504w POR from ch. B, 50kw, 41-47-48-472-47-52	
Connecticu/ Bridgeport Hartford Hartford District of C Washington	42 WSAH-D 38 WHCT-LI 48 WMLD-LI columbia: 51 WBDC-DT	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15-44/73-11-08 PPR 150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 38-57-44/77-01-35	
Connecticu/ Bridgeport Hartford Hartford District of C Washington	42 WSAH-D 38 WHCT-LI 48 WMLD-LI 51 WBDC-D1 51 WBDC-D1 51 2 WXXU-LI	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15-44/73-11-08 PPR>150kw POR from ch. B, 50kw, 41-47-48-472-47-52 INWI#125kw/253m, 38-57-44/77-01-35 PCC from W12CD	
Connecticu/ Bridgeport Hartford Hartford District of C Washington	42 WSAH-D 38 WHCT-LI 48 WMLD-LI 51 WBDC-D1 51 WBDC-D1 51 2 WXXU-LI	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15-44/73-11-08 PR>150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 39-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m,	
Connecticul Bridgeport Hartford Hartford District of C Washington Elorida: Altamonte S Cocoa	42 WSAH-D 38 WHCT-L 48 WMLD-LI 51 WBDC-D 51 WBDC-D 30 WBCC-D	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15-44/73-11-08 PPR 150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 38-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m, 24-35-35/81-03-35	
Connecticul Bridgeport Hartford Hartford District of C Washington Elorida: Altamonte S Cocoa	42 WSAH-D 38 WHCT-L 48 WMLD-LI 51 WBDC-D 51 WBDC-D 30 WBCC-D	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15-44/73-11-08 PPR>150kw POR from ch. B, 50kw, 41-47-48-472-47-52 INWI#125kw/253m, 35-57-44/77-01-35 PCC from W12CD TNW01B2kw1491m, 20-58-35/81-03-35 NW+91000kw1454m,	
Connecticut Bridgeport Hartford Hartford District of C Washington Elorida: Altamonte S Cocoa Fort Myers	42 WSAH-D 38 WHCT-LI 48 WMLD-LI 51 WBDC-D1 12 WXXU-LI 30 WBCC-D 15 WBBH-DTI	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15 44/73-11-08 PR>150kw POR from ch. B, 50kw, 41-47-48-472-47-52 INWI#125kw/253m, 38-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m, 28-35/81-03-35 WH+91000kw1454m, 28-49-2118-45-54	
Connecticul Bridgeport Hartford Hartford District of C Washington Elorida: Atamonte S Cocoa Fort Myers	42 WSAH-D 38 WHCT-LI 48 WMLD-LI 51 WBDC-D 31 WBDC-D 30 WBCC-D 15 WBBH-DTI 8 W09CF	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15-44/73-11-08 PPR 150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 38-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m, 23-53-514-13-35 NW+91000kw1454m, 23-53-514-13-55 PGP2.181-45-54 PGP2.181-45-54	
Connecticut Bridgeport Hartford Hartford District of C Washington Elorida: Altamonte S Cocoa Fort Myers	42 WSAH-D 38 WHCT-LI 48 WMLD-LI 51 WBDC-D1 12 WXXU-LI 30 WBCC-D 15 WBBH-DTI	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15-44/73-11-08 PP>150kw POR from ch. B, 50kw, 41-47-48-472-47-52 INWI#125kw/253m, 38-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m, 28-55-35/81-03-35 NW+91000kw1454m, 29-21/81-45-54 PG22.5kw OR from ch. 39,	
Connecticul Bridgeport Hartford Hartford District of C Washington Elorida: Atamonte S Cocoa Fort Myers	42 WSAH-D 38 WHCT-LI 48 WMLD-LI 51 WBDC-D 31 WBDC-D 30 WBCC-D 15 WBBH-DTI 8 W09CF	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15 44/73-11-08 PP>150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 38-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m, 28-35/81-03-35 WH-91000kw1454m, 26-921/81-45-45 PG-22.5kw OR from ch. 39, 150kw,	
Connecticul Bridgeport Hartford Hartford District of C Washington Elorida: Attamonte S Cocoa Fort Myers Jacksonvi. Lake City	42 WSAH-D 38 WHCT-LI 48 WMLD-LI 51 WBDC-D1 51 WBDC-D1 30 WBCC-D 15 WBBH-D11 8 W09CF 33 W39BZ	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15-44/73-11-08 PPR 150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 38-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m, 23-53-554-103-35 NW+91000kw1454m, 23-53-554-103-35 NW+91000kw1454m, 23-53-514-13-54 PC-25kw OR from ch. 39, 150kw, 30-143818240-13	
Connecticut Bridgeport Hartford Hartford District of C Washington Elorida: Attamonte S Cocoa Fort Myers Jacksonvi. Lake City Marianna	42 WSAH-D 38 WHCT-L 48 WMLD-LI 30 WBCC-D 30 WBCC-D 30 WBCC-D 15 WBBH-DTI 8 W09CF 33 W39BZ 16 960724K	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15 44/73-11-08 PP>150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 38-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m, 28-53-554103-35 NW+91000kw1454m, 28-92181-45-54 PC2.5kw OR from ch. 39, 150kw, 30-143818240-13 O AF dismissed	
Connecticul Bridgeport Hartford Hartford District of C Washington Elorida: Attamonte S Cocoa Fort Myers Jacksonvi. Lake City	42 WSAH-D 38 WHCT-L 48 WMLD-LI 30 WBCC-D 30 WBCC-D 30 WBCC-D 15 WBBH-DTI 8 W09CF 33 W39BZ 16 960724K	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15-44/73-11-08 PPR 150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 38-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m, 23-53-554-103-35 NW+91000kw1454m, 23-53-554-103-35 NW+91000kw1454m, 23-53-514-13-54 PC-25kw OR from ch. 39, 150kw, 30-143818240-13	
Connecticul Bridgeport Hartford Hartford District of C Washington Elorida: Altamonte S Cocca Fort Myers Jacksonvi. Lake City Marianna Miami	42 WSAH-D 38 WHCT-LI 48 WMLD-LI 51 WBDC-D 30 WBCC-D 15 WBBH-DTI 8 W09CF 33 W39BZ 16 960724K 31 WTVJ-D1	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 11-15-44/73-11-08 PPR 150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 39-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m, 28-55-551-03-35 NW+91000kw1454m, 29-2161-45-51 PC2.5kw OR from ch. 39, 150kw, 30-143818240-13 O AF dismissed TNWX 1000kw/311m, 25-56-0760-13-20	
Connecticut Bridgeport Hartford Hartford District of C Washington Elorida: Attamonte S Cocoa Fort Myers Jacksonvi. Lake City Marianna	42 WSAH-D 38 WHCT-LI 48 WMLD-LI 51 WBDC-D 30 WBCC-D 15 WBBH-DTI 8 W09CF 33 W39BZ 16 960724K 31 WTVJ-D1	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15 4473-11-05 PP>150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 35-7-4477-01-35 PCC from W12CD TNW91B2kw1491m, 26-35-35-10-35 PC2.5kw OR from ch. 39, 150kw, 30-143818240-13 O AF dismissed TNWX 1000kw/311m,	
Connecticul Bridgeport Hartford Hartford District of C Washington Elorida: Attamonte S Cocoa Fort Myers : Jacks onvi. Lake City Marianna Miami Naples Palatka	42 WSAH-D 38 WHCT-L 48 WMLD-LI 30 WBCC-D 30 WBCC-D 30 WBCC-D 15 WBBH-DTI 8 W09CF 33 W39BZ 16 960724K 31 WTVJ-D 83 9609201	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 11-15-44/73-11-08 PPR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 38-57-44/77-01-35 CC from W12CD TNW91B2kw1491m, 28-53-551-03-35 W+91000kw1454m, 29-521/81-45-54 PC2.5kw OR from ch. 39, 150kw, 30-14/3818240-13 O AF dismissed TNWX 1000kw/311m, 25-56-0780-13-20 TNWS 1000kw/454m, 26-92-1181-85-4 8 AF dismissed	
Connecticul Bridgeport Hartford Hartford District of C Washington Elorida: Attamonte S Cocoa Fort Myers : Jacks onvi. Lake City Marianna Miami Naples Palatka	42 WSAH-D 38 WHCT-L 48 WMLD-LI 30 WBCC-D 30 WBCC-D 30 WBCC-D 15 WBBH-DTI 8 W09CF 33 W39BZ 16 960724K 31 WTVJ-D 83 9609201	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 11-15-44/73-11-08 PPR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 38-57-44/77-01-35 CC from W12CD TNW91B2kw1491m, 28-53-551-03-35 W+91000kw1454m, 29-521/81-45-54 PC2.5kw OR from ch. 39, 150kw, 30-14/3818240-13 O AF dismissed TNWX 1000kw/311m, 25-56-0780-13-20 TNWS 1000kw/454m, 26-92-1181-85-4 8 AF dismissed	
Connecticul Bridgeport Hartford Hartford District of C Washington Elorida: Altamonte S Cocoa Fort Myers Jacksonvi. Lake City Marianna Miami Naples Palatka Panama Sco Panama Sci	42 WSAH-D 38 WHCT-LI 48 WMLD-LI 48 WMLD-LI 51 WBDC-D 12 WXXU-LI 30 WBCC-D 15 WBBH-DTI 8 W09CF 33 W39BZ 16 960724K 31 WTVJ-DI 41 WZVN-D 83 9609201 h.47 WPCT-LF	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 11-15-44/73-11-08 PPR 150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 38-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m, 29-36-35/81-03-35 NW+91000kwl454m, 26-92-1281-45-54 PG2.5kw OR from ch. 39, 150kw, 30-143818240-13 O AF dismissed TNWX 1000kw/354m, 26-92-1181-45-54 8 AF dismissed DTNW+ 12ekw/59m	
Connecticul Bridgeport Hartford Hartford District of C Washington Elorida: Altamonte S Cocoa Fort Myers Jacksonvi. Lake City Marianna Miami Naples Palatka Panama Sco Panama Sci	42 WSAH-D 38 WHCT-LI 48 WMLD-LI 48 WMLD-LI 51 WBDC-D 12 WXXU-LI 30 WBCC-D 15 WBBH-DTI 8 W09CF 33 W39BZ 16 960724K 31 WTVJ-DI 41 WZVN-D 83 9609201 h.47 WPCT-LF	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 11-15-44/73-11-08 PPR 150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 39-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m, 28-55-551-13-35 NW+91000kw/454m, 29-51-61-45-54 PG2_5kw OR from ch. 39, 150kw, 30-14/3818240-13 O AF dismissed TNWX 1000kw/454m, 25-59-776-13-20 TNWX 1000kw/454m, 25-59-776-13-20 TNWX 1000kw/454m, 25-59-776-13-20 TNWX 1000kw/454m, 25-59-776-13-50 8 AF dismissed DTNV- IZekw/59m CC from W02CK	
Connecticul Bridgeport Hartford Hartford District of C Washington Elorida: Altamonte S Cocoa Fort Myers Jacksonvi. Lake City Marianna Miami Naples Palatka Panama Sco Panama Sci	42 WSAH-D 38 WHCT-LI 48 WMLD-LI 48 WMLD-LI 51 WBDC-D 12 WXXU-LI 30 WBCC-D 15 WBBH-DTI 8 W09CF 33 W39BZ 16 960724K 31 WTVJ-DI 41 WZVN-D 83 9609201 h.47 WPCT-LF	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 41-15 44/73-11-08 PP>150kw POR from ch. B, 50kw, 41-47-48-472-47-52 INWI#125kw/253m, 38-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m, 28-53-554103-35 NW+91000kw1454m, 28-9-2181-45-54 PG2,5kw OR from ch. 39, 150kw, 30-143818240-13 OAF dismissed INW 1000kw/451m, 25-807/80-13-20 INW 1000kw/451m, 25-9-2181-45-54 8 AF dismissed DTNW+12kew/59m PCC from W02CK P QC# from ch. 20, B7.5kw,	
Connecticul Bridgeport Hartford Hartford District of C Washington Elorida: Attamonte 3 Cocoa Fort Myers : Jacksonvi. Lake City Marianna Miami Naples Palatka Panama Sic Panama Cit	42 WSAH-D 38 WHCT-LI 48 WMLD-LI 48 WMLD-LI 51 WBDC-D 12 WXXU-LI 30 WBCC-D 15 WBBH-DTI 8 W09CF 33 W39BZ 16 960724K 31 WTVJ-DI 41 WZVN-D 83 9609201 h.47 WPCT-LF	QC* from K19CB, 30w, 39-33-57/105-03-17 TPR 1000kwl164m, 11-15-44/73-11-08 PPR 150kw POR from ch. B, 50kw, 41-47-48-472-47-52 TNWI#125kw/253m, 39-57-44/77-01-35 PCC from W12CD TNW91B2kw1491m, 28-55-551-13-35 NW+91000kw/454m, 29-51-61-45-54 PG2_5kw OR from ch. 39, 150kw, 30-14/3818240-13 O AF dismissed TNWX 1000kw/454m, 25-59-776-13-20 TNWX 1000kw/454m, 25-59-776-13-20 TNWX 1000kw/454m, 25-59-776-13-20 TNWX 1000kw/454m, 25-59-776-13-50 8 AF dismissed DTNV- IZekw/59m CC from W02CK	

22.1kw Panama Clly38 WFSG-DTNW049.2kwM37m Panama Clty 46 W69DH OR from ch. 69, 115kw, 30-24-13/86-59-34 Pensacola 19 W19CO QC9 from W65DR, 23.6kw. 3030-52187-17-46 Pompano Bch 21 WDLPCA CC from WGENCA Port Richey 18 WI8DB PG>&Bkw Rock Harbor 56 WEYS-LP PR<75kw, 25-58-15180-1232; CC from W56AZ 23 W23CN OG from W27AE, 11kw Sebrina Sebring 80 96092DYTAF dismissed 46 WVEA-LP OR from ch. 61, 75kw Tampa Georgia: 4 W04DB QC# from W20AU, Atlanta 2.5kw, 33-48-26184-20-22 22 WSKC-LP OG from ch 59, 150kw Atlanta 38 W38CU QCs from ch. 67, Atlanta 7.48kw; PR<4.62kw 49 W58CZ OR from ch. 58, Augusta 11.9kw Marietta 49 W55BM OR from ch. 55, 48.3kw 43 W57CT OR from ch. 57, Savannah 36.5kw 13 WBFLCACC from WGMP-LP Valdosta 14 W14CQ PR>19.7kw, Vidalia 32-12-19182-29-40 Hawaii: B KGMB-OT NWS7.2kw1-15m; Honolulu PR>-12m daho: OG from K091R. Sow. Albion 32 K32GI 42-21-401113-27-19 Banners Fy 23 K508W OR from ch. 59 QG from K638X, Burley 39 K39GV 3.9kw. 42-26-02/113-37-23 PG<12.1kw, DA Coeur crA. 26 KCDT Coeur d'A. 31 K53FF OR from ch. 53, 7.9kw Georgetown 15 K571A OR from ch. 57 Grangeville 48 K59BA OR from ch. 59 PR>11.7kw Kellogg 18 K64BD Kellogg 49 K59GD OR from ch. 59, 70w, 47-29-32/116-08-33 Lava Hot S. 14 K598V OR from ch. 59 51 K55HZ OR from ch. 55, 360w Lewiston 15 970328KKPR<327m, Pocatello 42-51-50111231-10 Preston 19 K20EZ QC# from ch. 20, now 25 K24EQ QC# from ch. 24, Preston 770w QC# from ch. 26, Preston 27 K26AA 770w QC# from ch. 28, Preston 29 K28AA 770w QC# from ch. 32, Preston 31 K32AD 770w QC# from ch. 34 Preston 33 K34AD Preston 35 K38ET QC# from ch. 38, 770w Priest Lake 42 K57CM OR from Ch. 57 Salmon 49 K57CI OR from ch. 57 St Marles 23 K54FR OR from Ch. 54

lilinois; Arbury His. 46 W46DM QG from W528R: CL from Champaign; 150kw. 41-53-06/87-37-17 Champaign 34 W58DA OR from ch. 59, 80kw Chicago 23 WFBT{APR>51kw 68 960723LB AF dismissed Danville Decatur 22 WBUI-DT PG<401m 23 WNOI-LP QG from ch. 24 Flora Freeport .23 WIFR 5 41 WIFR-DT SI Freeport Galesburg 51 W50BY OR from ch. 50, 17.8kw Kankakee 54 960920WE AF dismissed Moline 23 WQPT-DTNW# SOkw1269m. 41-18-44/90-22-45 Olney 19 WUSI-DT PG>S1kw1284m Milford 64 W34CO OR from ch. 34, 150kw. 40-35-07/87-57-47; CL from QuIncy Rochelle 25 W25DF NS 20kw, 41-57-36/89-09-14 Springfield 55 WRSP-TV PC# to drop DA Indiana: Fort Wavne 33 WISE-TV CC from WKJG-TV 44 WTBU-DT PR<215kw, drop DA pis. 45 WXIN-DT PC>700kw pls. owa: Ames 34 960701KEAF dismissed 18 960912KEAF dismissed Carroll Cedar Rap. 3B KRUS-LP QG from eh. 65, 50kw Council Bff 52 K39OF QC# from ch. 39, 35.7 kw Council Blf 54 K54GL QC# from ch. 45, 29.7 kw, 41-15-17195-60-09 Davenport 36 KQIN PC#>302kw/102m, 41-28-29190-28•45: CC from KQCT; FC to Iowa Public TV Davenport 44 K81HD QR from ch. 61, 20kw Des Moines 46 K41DD OR from ch. 41 dismissed ROA Dubuque 29 9609201P AF dismissed Kansas: 43 KCOK-LP CC from K43HP Colby Great Bend 30 K30GD QG from K89DQ, 8.4kw Hays 16 KOOD-0TNW#496kw1304m Hays 25 K25CV PG>8.9kw Indep. 34 KIDP-LP CC from K34GR 20 KIKA-LP CC from K20HK lola 38 KMCI XC# 5000kw/326m, Lawrence 3858-42/94-32-02 Russell 38 K39GH OG from K20BU, 7.2kw Salina 41 KSKV-LP CC from K41HT Salina 51 K51GC OG from K22CP, 8.5kw Topeka 55 K21AP OR from ch. 21, 49.9KW. 39-01-34/95-55-01 Wichita 42 960726KJ AF dismissed (2 apps) Wichita 59 K59DA PR>B.Bkw Kentucky: Ashland 81 WTSF FC to Daystar

Louisville	47 WAVE-D1	NW# 1000kw1392m,
Newport	29 WXIX-DT	PR>600kw dismissed
Louisiana: Alexandria Baton Roug	21 K21EL e 30 WLFT-C	PR>150kw A QG from ch. 52, 60kw, 30-22-50/91-03-16;
Baton Roug Crowley	e 46 WBXH-C 31 KAGN-LF	already on CA FC; sold to WAFB4
Monroe	45 K59GI	OR from ch. 59, 28.8kw
New Orleans	s 50 WPXL-D	
<u>Maine:</u> Presque I.	18 WAGM-D	T <u>req_to</u> drop DA
Massachuse	etts:	
Adams Boston	39 W380L 58 WCEA-LF	QG from W51AE, 6kw P QC# from ch. 19, Slew,
Pittsfield	51 WNYA	42-19-52/71-04-40 NW 1580kw1305m, 42-30-09/73-18-58
Springfield	51 WDMR-L	(test pattern) P OR from ch. 65,
Vineyard He Vineyard No	40 WDPX-DT 58 WDPX	142kw NS 300kwl153m PG>1665kw/153m
Michigan:		
Ann Arbor	58 960920W	C AF dismissed
Bad Axe	36 WDCQ-T	/ CC from WOCP-TV
Lansing	27 W27CN	OG from W69BJ,
Lansing Manistique		OG from W69BJ, 5.5kw, 42-43-15/54-33-01 NS 1kw,
Manistique	12 W12DD	OG from W69BJ, 8.5kw, 42-43-16/84-33-01 NS 1kw, 45-58-36/85-10-18
	12 W12DD	OG from W69BJ, 55 kw, 42-43-1984-33-01 NS 1kw, 45-58-36/85-10-18 XG 43-42-02/83-59-17; CL from Bay City,
Manistique Pinconning	12 W12DD 22 W22CC	OG from W69BJ, 8.5kw , 42-43-19/84-33-01 NS 1kw, 45-58-35/85-10-18 XG 43-42-02/83-59-17 ; CL from Bay City, already on
Manistique Pinconning S.S. Marie	12 W12DD 22 W22CC 8 WGTO	OG from W69BJ, E0kw, 42-43-19/4-33-01 NS 1kw, 46-58-36/86-10-18 XG 43-42-02/83-59-17; CL from Bay City, already on PC=C288m, DA
Manistique Pinconning	12 W12DD 22 W22CC 8 WGTO	OG from W69BJ, 8.5kw , 42-43-19/84-33-01 NS 1kw, 45-58-35/85-10-18 XG 43-42-02/83-59-17 ; CL from Bay City, already on
Manistique Pinconning S.S. Marie Univ. Cen.	12 W12DD 22 W22CC 8 WGTO 19 WDCP-TV	OG from W69BJ, E.5kw, 42-13-16/4-33-01 NS 1kw, 45-58-35/85-10-18 XG 43-42-02/83-59-17; CL from Bay City, already on PC-258m, DA V CC from WDCQ-TV CC from WDCQ-TV CC from WFVX OR from ch. 38,
Manistique Pinconning S.S. Marie Univ. Cen. Vanderbilt <u>Minnesota</u> Alexandria	12 W12DD 22 W22CC 8 WGTO 19 WDCP-TY 45 WFUP 14 K36AA	OG from W69BJ, E5kw, 42-13-18/24-33-01 NS 1kw, 45-55-36/85-10-18 XG 43-42-02/83-59-17; CL from Bay City, already on PCC-2256, DA V CC from WDCQ-TV CC from WFVX OR from ch. 38, 1.55kw
Manistique Pinconning S.S. Marie Univ. Cen. Vanderbilt <u>Minnesota</u> Alexandria Austin	12 W12DD 22 W22CC 8 WGTO 19 WDCP-TY 45 WFUP 14 K36AA 15 KSMQ-TV	OG from W69BJ, E5kw, 42-43-19/4-33-01 NS 1kw, 45-58-36/56-10-18 XG 43-42-02/63-59-17; CL from Bay City, already on PC-228m, DA V CC from WDCQ-TV CC from WDCQ-TV CC from WFVX OR from ch. 38, 155kw /SI
Manistique Pinconning S.S. Marie Univ. Cen. Vanderbilt <u>Minnesota</u> Alexandria	12 W12DD 22 W22CC 8 WGTO 19 WDCP-TY 45 WFUP 14 K36AA	OG from W69BJ, E5kw, 42-13-18/24-33-01 NS 1kw, 45-55-56/35-10-18 XG 43-42-02/93-59-17; CL from Bay City, already on PCF-225m, DA V CC from WDCQ-TV CC from WFVX OR from ch. 38, 1.55kw /SI PR <b.bkw OR from ch. 58,</b.bkw
Manistique Pinconning S.S. Marie Univ. Cen. Vanderbilt Minnesota Alexandria Alexandria Austin Bemidji Duluth Granite Flo	12 W12DD 22 W22CC 8 WGTO 19 WDCP-T' 45 WFUP 14 K36AA 15 KSMQ-TV 42 K42FH 41 K58CM 21 K21GS	OG from W69BJ, E.5kw , 42-13-16/8-33-01 NS 1kw, 45-58-35/85-10-18 XG 43-42-02/83-59-17; CL from Bay City, already on PC-228m, DA V CC from WDCQ-TV CC from WDCQ-TV CC from WFVX OR from ch. 38, 1.56kw /SI PR <b.bkw< td=""></b.bkw<>
Manistique Pinconning S.S. Marie Univ. Cen. Vanderbilt Minnesota Alexandria Austin Bemidji Duluth	12 W12DD 22 W22CC 8 WGTO 19 WDCP-T' 45 WFUP 14 K36AA 15 KSMQ-TV 42 K42FH 41 K58CM 21 K21GS	OG from W69BJ, E5kw, 42 43 1974 33 01 NS 1kw, 45 45 36/85 10-18 XG 43 42 02/83 59 17; CL from Bay City, already on PC<288m, DA V CC from WDCQ-TV CC from WFVX OR from ch. 38, 155kw /SI PR <b.bkw OR from ch. 58, 13 5kw QG from K18DI, 13 7kw QG from K26DG,</b.bkw
Manistique Pinconning S.S. Marie Univ. Cen. Vanderbilt Minnesota Alexandria Alexandria Austin Bemidji Duluth Granite Flo	12 W12DD 22 W22CC 8 WGTO 19 WDCP-T 45 WFUP 14 K36AA 15 KSMQ-TL 42 K42FH 41 K58CM 21 K21GS 39 K39GX	OG from W69BJ, E5kw, 42 43 19/44 33 01 NS 1kw, 45 45 36/85 10-18 XG 43 42 02/83 59 17; CL from Bay City, already on PC<288m, DA V CC from WDCQ-TV CC from WFVX OR from ch. 38, 155kw /SI PR <b.bkw OR from ch. 58, 13.5kw QG from K18DI, 13.7kw QG from K26DG, 1.55kw QG from K57AN, 13.7kw</b.bkw
Manistique Pinconning S.S. Marie Univ. Cen. Vanderbilt Minnesota Alexandria Austin Bemidji Duluth Granite Flo Granite Fls	12 W12DD 22 W22CC 8 WGTO 19 WDCP-T 45 WFUP 14 K36AA 15 KSMQ-TL 42 K42FH 41 K58CM 21 K21GS 39 K39GX 54 W52DO 31 newdt	OG from W69BJ, E5kw, 42-43-19/4-33-01 NS 1kw, 45-53-5/95-10-18 XG 43-42-02/93-59-17; CL from Bay City, already on PCF-255m, DA V CC from WDCQ-TV CC from WDCQ-TV CC from WFVX OR from ch. 38, 1.55kw OR from ch. 58, 1.55kw OR from K18DI, 1.55kw GG from K26DG, 1.55kw
Manistique Pinconning S.S. Marie Univ. Cen. Vanderbilt Minnesota Alexandria Austin Bemidji Duluth Granite Flo Granite Flo	12 W12DD 22 W22CC 8 WGTO 19 WDCP-TY 45 WFUP 14 K36AA 15 KSMQ-TV 42 K42FH 41 K58CM 21 K21GS 39 K39GX 54 W52DO	OG from W69BJ, E.5kw, 42-13-14/24-33-01 NS 1kw, 45-58-35/05-10-18 XG 43-42-02/83-59-17; CL from Bay City, already on PC-2280m, DA V CC from WDCQ-TV CC from WDCQ-TV CC from WDCQ-TV CC from WFVX OR from ch. 38, 1.56kw OR from ch. 58, 13.5kw QG from K18DI, 1.37kw QG from K26DG, 1.55kw QG from K26DG, 1.55kw QG from K57AN, 1.37kw AF 500kw,
Manistique Pinconning S.S. Marie Univ. Cen. Vanderbilt Minnesota Alexandria Alexandria Alexandria Granite Flo Granite Flo Granite Flo Hibbing	12 W12DD 22 W22CC 8 WGTO 19 WDCP-T 45 WFUP 14 K36AA 15 KSMQ-TL 42 K42FH 41 K58CM 21 K21GS 39 K39GX 54 W52DO 31 newdt 23 K23FO	OG from W69BJ, E5kw, 42-43-19/4-33-01 NS 1kw, 45-53-5/95-10-18 XG 43-42-02/93-59-17; CL from Bay City, already on PCF-255m, DA V CC from WDCQ-TV CC from WDCQ-TV CC from WFVX OR from ch. 38, 1.55kw OR from ch. 38, 1.55kw OR from K18DI, 1.37kw QG from K18DI, 1.37kw AF 500kw, 47-22-33/92-57-15
Manistique Pinconning S.S. Marie Univ. Cen. Vanderbilt Minnesota Alexandria Austin Bemidji Duluth Granite Flo Granite Flo Granite Flo Granite Flo Hibbing Jackson Mississippi: Biloxi Columbus	12 W12DD 22 W22CC 8 WGTO 19 WDCP-T 45 WFUP 14 K36AA 15 KSMQ-TX 42 K42FH 41 K58CM 21 K21GS 39 K39GX 54 W52DO 31 newdt 23 K23FO 16 WMAH-D ⁻¹ 25 W25AD	OG from W69BJ, E5kw, 42-43-19/4-33-01 NS 1kw, 45-53-5/95-10-18 XG 43-42-02/93-59-17; CL from Bay City, already on PCF-295m, DA V CC from WDCQ-TV CC from WDCQ-TV CC from WFVX OR from ch. 38, 1.55kw QG from K18DI, 1.37kw QG from K26DG, 1.55kw QG from K26DG, 1.55kw AF 500kw, 47-22-39/92-57-15 QC# from K47EL, 800w INVV* 150kw1477m, 30-45-15/98-56-44 PR>9.2kw
Manistique Pinconning S.S. Marie Univ. Cen. Vanderbilt Minnesota Alexandria Austin Bemidji Duluth Granite Flo Granite Flo Granite Flo Granite Flo Hibbing Jackson Mississippi: Biloxi Columbus	12 W12DD 22 W22CC 8 WGTO 19 WDCP-TY 45 WFUP 14 K36AA 15 KSMQ-TV 42 K42FH 41 K58CM 21 K21GS 39 K39GX 54 W52DO 31 newdt 23 K23FO 16 WMAH-DT	OG from W69BJ, E5kw, 42-43-19/4-33-01 NS 1kw, 45-53-5/95-10-18 XG 43-42-02/93-59-17; CL from Bay City, already on PCF-295m, DA V CC from WDCQ-TV CC from WDCQ-TV CC from WFVX OR from ch. 38, 1.55kw QG from K18DI, 1.37kw QG from K26DG, 1.55kw QG from K26DG, 1.55kw AF 500kw, 47-22-39/92-57-15 QC# from K47EL, 800w INVV* 150kw1477m, 30-45-15/98-56-44 PR>9.2kw

<u>Missouri:</u> Ashbury Kansas City St Charles		P CC from K24FW YAF dismissed OR from ch. 59,
St Charles	22 NJ9GF	20kw, 38-45-07/90-37-22
St Louis	51 K51HI	38-45-07/90-37-22 QG from K40FF, 70kw, 38-34-24/90-19-30
Montana		
Butte Great Falls	5 KXLF-DT 26 KLMN	N W# 355kw/65m, 47-32-23/111-17-06
Hardin	24 K24GO	(Fox/UPN) OG from ch. 18, 1.34kw
Rollins	32 K60AL	OR from ch. 60 dismissed ROA
Nebraska:		
Lincoln	51 960724LG	NS 5000kw1491 m,
O'Neill	48 KOAZ-LF	CC from KAZW-LP
Omaha	20 KETV-DT	
Omaha	22 WOWT-D	01 51
<u>Nevada:</u> Glendale	M K44GU	OG from K62DZ, 400w,
Las Vegas	28 KVPX-LF	OR from ch. 59, 43kw
Las Vegas	41 K57FA	OR from ch. 57,
Las Vegas	43 K43FO	PR>10.2kw, 38-00381115-00-20
Overton	46 K48HG	OG from K84CQ, 400w
Overton	48 K481D	OG from K54CJ, 400w OG from KSSCB, 40ow
Overton Wells	50 K50HQ 22 K22GW	QG from K43HO, 950w
Wells	24 K24GE	QG from K45HA, 950w
New H <u>amp</u> Keene	<u>shire:</u> 49 WEKW-[DT NW#43kwf330m
<u>New Jersey</u> Belvidere	43 W43CH	OG from ch. 55, 1kw
Paterson	41 WXTV	AF 1400kw1321m, 40-45-22/73-59-12
Trenton	52 WNJT	(aux) PC≢<266m, 40-16-58/74-41-11, drop DA
New Mexico	. .	
Albuquerau	e 14 KTEO	CC from KAPX
Albuquerqu Carlsbad	e 59 KTVS-L 45 K57FI	P CC from K5906 QC#from ch. 57,
Cuba	35 K35GY	590%, NS 2.2kw, 28.00.4811085038
Gallup	25 KAPX-I	38-00-4811085038 P CC from K25HR
Las Cruces		QC# from ch. 18, 960w
Santa Fe	27 KASA-D	T PG<255kwN278m, 35-12501106-27-01; already on
New York:		
Buffalo		PC#SOkw1396m
Coming	30 96012Sk	E NS 813kwl242m,
		42-01-55/76-47-02 (WSKG-46)
Genoa	22 W22CX	CX

New York	43 WXNY-L	P QG from ch 32,
New York	60 W80AI	OR from no offset to zero; PR>75kw,
New York Onelda	64 WNXY-L 13 WI38R	40-45-30/73-59-15 P OR from ch. 26, 20kw PCF<230w
Utica	18 W72BZ	43-03-57/75-40-04 OR from ch. 12,
Syracuse Syracuse Watertown		7.5kw, 43-09-43/75-10-35, CL from Rome / PC#41.Skwf39Sm PG>40.4kw PR<900w, 43-59-54/75-56-42
North Carol	ina:	
Andrews Apex		X AF dismissed P PG>27.85kw, 35-40-28/79-31-40; from plus offset to zero
Asheville Cashiers Charlotte	42 W42CU	XG 35-27-40182-21-27 QG from W24AU, BOOw V OR from ch. 52,
Durham	26 WrWW-L	_PFC; sold to Capital Broadcasting
Fayettevi. Fayettevi.	40 WUVC 45 WSSDF	CC from WKFT OR from ch. 88,
Franklin Goldsboro		WAF dismissed OR from ch. 83,
Raleigh Rocky Mou	35 W97DU 36 W64CN Int 45 W66Dk	PR>35.2kw S AF dismissed OR from ch. 67, 27kw OR from ch. 64, 10kw (OR from ch. 66, 8.3kw
Statesville	21 W888T	OR from ch. 88, 9kw, 35-48-15/80-53-30
<u>North Dako</u> Dickinson	19 KXMA-D	0T PR<50kw/217m, 48-43-35/102-54-57
Minot Minot		∙T PR>146kw T PG<60kw1249m,
Williston	14 KXMD-D	48-03-021101-23-25 T PR<50kw/257m, 48-08-30110353-34
Ohio: Bowling Gr	n. 27 WBGU-1	IV req. drop DA
Cleveland	8 WJW	OC from zero offset to plus; 238kwf333m
Defiance		KKAF dismissed
Steubenvi.	_39 W25CI	OR from ch. 25, 13.65kw
Toledo Youngstow	17 WTOL-E n 52 W5203	QG from W39A1, 3kw,

		48.8kw, 35-35-52/97-29-22
Okla City	41 KXOC-LF	P OR from ch. 54,
Enid		0 AF dismissed
Authore		8.82kw
<u>Oklahoma:</u> Ardmore	17 K17FB	QC# from K32EK
Zanesville	18 WHIZ-TV	PR<161m, drop DA
Youngstown	52 W5203	41-11-04/80-41-31

Tulsa	21 K69GO	OR from ch. 89,
Dred <u>en:</u> Bend	15 KABH-L	P FC to KPOU
Cave Junct	n 48 K48GO	(16 Univision) QC#from ch. 61, 4.1 kw
Corvallis	14 K14GW	FC to KPXG (22 Pax)
Eugene		T N W# 70kw/473m
Medford	41 K57EK	OR from ch. 57,
Newburg		CAFC to Telefutura
Pendleton		P PC to KPOU
Portland		P FC to KPOU QC# from K538V,
Rockaway	20 K20HT	41091, 45-44-38/123-58-23
Rockaway	36 K36GU	QC# from K57DK, 47091,
Rockaway	44 K44AV	45-44-38/123-58-23 QC# from ch. 74, 52091,
		45-44-38/123-56-23
Rockaway	47 K47CD	PC#<530w,
riconanay		45-44-38/123-56-23
Roseburg		F NW# 12kw/109m
Salem	4 KPXG-DT	NS 16kw1490m,
0-1		45-31-21/122-44-45
Salem	36 KORS-CA	
Pennsvivar Johnstown		T PG>383m
Rhode Islar Providence	id: 13 WPRI-DT	PR>305m
<u>South Caro</u> Aiken Myrtle Bch	44 96062Bk	LAF dismissed P NW# 130w, 33-40-23/78-54-05;
		OR to ch. 48, 150kw
Spartanburg	63 WSPA-D1	PG>875kw1657m CC from WQHB
South Dako	ta:	
Florence	2 KDLO-DT	rea. DA
Lead	11 KHSD-TV	
ML Vernon	52 K521P	NS 150kw,
-		43-30-40/98-15-53
Rapid City	15 KCLO-1V I	PC8<1 54m, DA
Tennessee:		
	14 WAPG-CA 38 WAPK-C	OC# from ch. 61, Skw AQC# from ch. 30,
Chattanoog	a 36 WCNT-L	22.8kw P OR from ch. 65, 64.4kw,
		35-22191841215
Crossville		F NWp75kwf719m
Greeneville		PR<795m
Jackson	22 W22BR	PR>150kw
Jackson Jackson	38 W38BY 64 W64BZ	PR>150kw PR>150kw
Jackson Knoxville	64 W64BZ 17 WKOP-D	
Nashville	17 WKOF-D	PG>429m,
Nashville	52 W52CT	36-15-50/86-47-39 FC; back to cola
		bars
Nashville Tullahoma	58 WNAS 64 960723LD	PR<3250kw/425m DAF dismissed

Rockaway	47 K47CD	PC#<530w, 45-44-38/123-56-23
Rosebura	45 KMTX-DT	NW# 12kw/109m
Salem		NS 16kw1490m.
		45-31-21/122-44-45
Salem	36 KORS-CA	FC to HSN
Pennsylvani		
Johnstown	34 WJAC-DT	PG>383m
Rhode Island	d:	
Providence	13 WPRI-DT	PR>305m
South Caroli	na:	
		LAF dismissed
Myrtle Bch	28 WWSC-L	
		33-40-23/78-54-05;
		OR to ch. 48, 150kw
		PG>875kw1657m
Sumter	63 WBHO	CC from WQHB
South Dakot	<u>a:</u>	
Florence	2 KDLO-DT	req. DA
Lead	11 KHSD-TV	SI
ML Vernon 8	52 K521P	,
		43-30-40/98-15-53
Rapid City 1	5 KCLO-TV F	PC8<1 54m, DA
Tennessee:		
		OC# from ch. 61, Skw
Bristol	38 WAPK-CA	AQC# from ch. 30,
		22.8kw
Chattanooga	36 WCNT-LF	POR from ch. 65,
		64.4 KW
		35-22191841215
		NWp75kwf719m

C. Christi Decatur	7 KTOV-LF 30 KMPX-D	T PR>1000kwM38m, 32-35-19/96-58-05;
Dal Rio	24 96072SK	already granted M AF dismissed
Denton	2 KDTN	(2 apps) PR 445m, 32 32 36/06 57 32 (was 100kw1671m7Tr)
El Paso	48 KTYO-1	(was 100kw107111711) NW# 1.2kw, 31 47 42/108 29 38
El Paso	48 K46DH	OR from ch. 46, 150kw, 31-47-151106-2817;
		CL from Las Cruces
Fort Worth Gainesville	31 960920W 61 K81HP	/F AF dismissed NS 160kw,
Greenville	31 KNOK-LF	33 50 45/97-06-15 P OR from ch. 43, 130kw,
		33-1631196-22-02
Harlingen Houston	31 KGBT-DT 20 KTXH	NW# I000kw136Bm, DA
Houston	43 KHLM-LF	29-33-44/95-30-35 PR>80.1kw, 29-48-18/95-12-18
Longview	54 KCES	PR<253m; PA to ch. 38-; ch. 54 CP
		expired 7/21/2003 if
		not bulk
Lubbock	34 KJTV	PR>5000kw/546m, 33-20-18/101-55-30
Lubbock	51 KBZO-LP	dismissed PG>60kw, 33-31-33/101-52-07
San Antonio	10 KBNB-I P	QC# from ch. 2, 1kw
Uvalde	49 K49HH	QG from K72BN, 1kw,
ovalue	40 10401111	29-15-40/99-44-53
Victoria	25 KAVU-TV	PR<7298kwf312m,
		51
Utah:		
Alton	34 K34FO	QC#from KBOFM
Alton	36 K36FN	QC# from K57AQ, 70w
		CC from K65AF
Echo	35 K35FZ	QC#from K55EQ,
Hatch	36 K36FV	26091 QC# from K56BP, 35091
Hatch	38 K38GQ	QC#from K64CN, 35091
Heber	27 K27GC	QC# from K26FD
Heber	31 K31FP	QC#from K67HO
Heber	33 K33FX	QC# from K58AE,
Huntsville	35 K35GG	1.49kw QC# from KSSCS,
		40091, 41-20-20/111-48-56
Huntsville	58 K58FT	PR<420w,
		41-12-00/111-52-53;
		already granted 3 on
		the air
Iron County 2	28 K6113M	QC# from ch. 81, 96091,
Laketown	46 K46GD	3831-05/113-17-03 QC# from K838F,
Logan Long My Jc	12 KUTH 44 K44FU	QC# from KSICH,
		38091

20

Long Vly Jc 50 K50GD QC# from K698G,

360W

Morgan	27 K27GA	QC# from K69AP,
Ogden	18 0607266	63091 RAF dismissed
Oguen	10 9007201	(3 apps)
Ogden	24 KPNZ-01	AF 450kw/1229m, 40-39-33/112-12-07, DA: already granted
Panguitch	34 K18EW	DA; already granted QC#from ch. 10
Park City	15 K15FL	QC# from K47AJ, 280w
	27 K27GD	OC#from K51AR,
Park City	27 K2/GD	27091
Park City	31 K31 FQ	QC# from K49AR, 270W
Park City	33 K33FY	OC#from K538C, 27091
Рева	15 K15FP	QC# from K69AR, 49091
Pace	28 K28GW	QC# from K27DH, 49091
Randolph	38 K38GN	QC# from K55BS, 1.2kw
St George 1	3 KKRP-LP	CC from K13CA
		HAF dismissed
		(3 apps)
Tooele	52 K52GL	QC# from KSOES,
Manahla	12 K12LC	1.23kw
Wanshlp	27 K27GE	PCID40W
Wanshlp	27 K27GE	QC#from KSSHH, 2.65kw
Woodland 2	26 K26GI	QC#from KS4AE, 45091,
Woodland 4	12 K42FA	4033591111-1431 QC# from K52AE,
		45091, 40-33-59/111-14-31
r inla-		
Abingdon		A QC#from ch. 60
Chesapeake	23 WITD-CA	65kW,
C. Rocking.	19 W21AC	55kW, 35-39-14/75-30-41 OR from ch. 21, 2.2kW
C. Rocking.	19 W21AC 28 WFMA-LF	55kw, 36-39-14/76-30-41 OR from ch. 21, 2.2kw 2 XR 3730-1417711-51
C. Rocking.	19 W21AC 28 WFMA-LF	551W, 36-39-14/76-30-41 OR from ch. 21, 2.7kW 2.7kW 2.7kW 2.7kW 2.7kW 2.7kW 2.7kW 3730-1417711-51 PC#<1.69kw,
C. Rocking. Farmville Fulks Run	19 W21AC 28 WFMA-LF 45 W45AW	651w, 36-39-14/76-30-41 OR from ch. 21, 2.2kw > XR 3730-1417711-51 PC#<1.69kw, 36-36-29/78-54-11
C. Rocking.	19 W21AC 28 WFMA-LF	65kw, 36-39-14/76-30-41 OR from ch. 21, 2.2kw 2 XR 3730-1417711-51 PC#<1.69kw, 38-35-29/78-64-11 PG>2.5kw,
C. Rocking. Farmville Fulks Run Hampton	19 W21AC 28 WFMA-LF 45 W45AW 7 WGBS-LP	651w, 36-39-14/76-30-41 OR from ch. 21, 2.2kw > XR 3730-1417711-51 PC#<1.69kw, 36-36-29/78-54-11
C. Rocking. Farmville Fulks Run Hampton Hampton	19 W21AC 28 WFMA-LF 45 W45AW 7 WGBS-LP 55 920203KI	651W, 36-33-14/76-30-41 OR from ch. 21, 2.7KW > XR 3730-1417711-51 PC#-21.69KW, 36-35-29/78-04-11 PG>2.5kW, 36-51-39/76-21-13 EAF dismissed
C. Rocking. Farmville Fulks Run Hampton	19 W21AC 28 WFMA-LF 45 W45AW 7 WGBS-LP 55 920203KI	651w, 36-39-14/76-30-41 OR from ch. 21, 2.7km 2 XR 3730-1417711-51 PC#<-1.69kw, 38-36-29/78-54-11 PG>2.5kw, 35-51-38/78-21-13 EAF dismissed 2 XR 3730-14f7711-51 PG>120kw,
C. Rocking. Farmville Fulks Run Hampton Hampton Keysville Norfolk	19 W21AC 28 WFMA-LF 45 W45AW 7 WGBS-LP 55 920203K 45 WKYV-LF 45 WKLO-LF	651W, 36-39-14/76-30-41 OR from ch. 21, 2.28W 2 XR 3730-1417711-51 PC#2-1.69Kw, 36-35-29/78-34-11 PG>2.5kw, 36-51-39/78-21-13 EAF dismissed 2 XR 3730-14f7711-51 PG>120kw, 36-49-14/76-30-41
C. Rocking. Farmville Fulks Run Hampton Hampton Keysville	19 W21AC 28 WFMA-LF 45 W45AW 7 WGBS-LP 55 920203K 45 WKYV-LF 45 WKLO-LF	651w, 36-39-14/76-30-41 OR from ch. 21, 2.7km 2 XR 3730-1417711-51 PC#<-1.69kw, 38-36-29/78-54-11 PG>2.5kw, 35-51-38/78-21-13 EAF dismissed 2 XR 3730-14f7711-51 PG>120kw,
C. Rocking. Farmville Fulks Run Hampton Hampton Keysville Norfolk Roanoke	19 W21AC 28 WFMA-LF 45 W45AW 7 WGBS-LP 55 920203K 45 WKYV-LF 55 WLO-L 60 960722K	651W, 36-39-14/76-30-41 OR from ch. 21, 2.28W 2 XR 3730-1417711-51 PC#2-1.69Kw, 36-35-29/78-34-11 PG>2.5kw, 36-51-39/78-21-13 EAF dismissed 2 XR 3730-14f7711-51 PG>120kw, 36-49-14/76-30-41
C. Rocking. Farmville Fulks Run Hampton Keysville Norfolk Roanoke	19 W21AC 28 WFMA-Lf 45 W45AW 7 WGBS-LP 55 920203K 45 WKYV-LF 45 WHLO-LF 60 960722K	651W, 36-39-14/76-30-41 OR from ch. 21, 2 XR 3730-1417711-51 PC#2-1.69kw, 36-35-29/78-36-11 PG>2.5kw, 36-51-39/78-21-13 EAF dismissed 2 XR 3730-14f7711-51 PG>120kw, 36-49-14/76-30-41 I AF dismissed
C. Rocking. Farmville Fulks Run Hampton Hampton Keysville Norfolk Roanoke	19 W21AC 28 WFMA-LF 45 W45AW 7 WGBS-LP 55 920203K 45 WKYV-LF 55 WILO-LF 60 960722K 64 961018K	65/w, 36-39-14/76-30-41 OR from ch. 21, 27/w XR 3730-1417711-51 PC#<1.69kw, 365-29/76-54-11 PG>2.5kw, 355-15/76-21-13 EAF dismissed 2 XR 3730-14f7711-51 PG>12.0kw, 35-49-14/76-30-41 I AF dismissed EAF dismissed FC to America's
C. Rocking. Farmville Fulks Run Hampton Hampton Keysville Norfolk Roanoke Washington Anacortes Camas	19 W21AC 28 WFMA-Lf 45 W45AW 7 WGBS-LP 55 920203Kl 45 WKYV-LF 45 WNLO-Lf 60 960722K 64 961018Kl 19 KOXI-CA	551W, 36-39-14/76-30-41 OR from ch. 21, 2 XR 3730-1417711-51 PC#2-1.69kw, 36-35-29/78-36-11 PG>2.5kw, 36-51-39/78-21-13 EAF dismissed 2 XR 3730-14/7711-51 PG>120kw, 36-49-14/76-30-41 I AF dismissed EAF dismissed FC to America's Store
C. Rocking. Farmville Fulks Run Hampton Hampton Keysville Norfolk Roanoke Washington Anacortes Camas	19 W21AC 28 WFMA-Lf 45 W45AW 7 WGBS-LP 55 920203Kl 45 WKYV-LF 45 WNLO-Lf 60 960722K 64 961018Kl 19 KOXI-CA	551W, 36-33 F14/76-30-41 OR from ch. 21, 2.7KW 2 XR 3730-1417711-51 PC#2-1.69KW, 36-31-39/76-21-13 EAF dismissed 2 XR 3730-14f7711-51 PG>120kw, 36-49-14/76-30-41 I AF dismissed EAF dismissed EAF dismissed FC to America's Store P FC to KPOU
C. Rocking. Farmville Fulks Run Hampton Hampton Keysville Norfolk Roanoke Washington Ancortes Camas Ellensburg	19 W21AC 28 WFMA-LF 45 W45AW 7 WGBS-LP 55 920203K 45 WKYV-LF 60 960722K 64 961018K 19 KOXI-CA 49 KWWA-LI	551W, 36-39-14/76-30-41 OR from ch. 21, 2.7.W 2.8.7.3730-1417711-51 PC#<1.69kw, 36-35-29/78-54-11 PG>2.5kw, 35-51-39/78-21-13 EAF dismissed PG>12.0kw, 35-49-14/7711-51 PG>12.0kw, 35-49-14/76-30-41 I AF dismissed EAF dismissed EAF dismissed FC to America's Store P FC to KPOU (16 Univision)
C. Rocking. Farmville Fulks Run Hampton Keysville Norfolk Roanoke Washington Anacortes Camas Ellensburg Kennewick	19 W21AC 28 WFMA-LF 45 W45AW 7 WGBS-LP 55 920203K 45 WKYV-LF 60 960722K 64 961018K 19 KOXI-CA 49 KWWA-LI 15 KVVK-LP	551W, 35-39-14/75-30-11 OR from ch. 21, 2.7km 2
C. Rocking. Farmville Fulks Run Hampton Hampton Keysville Norfolk Roanoke Washington Anacortes Camas Ellensburg Kennewick Kennewick	19 W21AC 28 WFMA-Lf 45 W45AW 7 WGBS-LP 55 920203Kl 45 WKYV-LF 45 WNLO-LF 60 960722K 64 961018Kl 19 KOXI-CA 49 KWWA-Ll 15 KVVK-LP 57 K67HF	551W , 353914/75-30-41 OR from ch. 21, 278W 2 XR 3730-1417711-51 PC#2-1.69kw, 3535-29/78-04-11 PG>2.5kw, 3551-3976-21-13 EAF dismissed 2 XR 3730-14f7711-51 PG>120kw , 354-914775-30-41 I AF dismissed EAF dismissed EAF dismissed FC to America's Store P FC to KPOU (16 Univision) FC to KPOU FC to KPOU
C. Rocking. Farmville Fulks Run Hampton Hampton Keysville Norfolk Roanoke Washington Anacortes Eilensburg Kennewick Kennewick	19 W21AC 28 WFMA-LF 45 W45AW 7 WGBS-LP 55 920203K 45 WKYV-LF 60 960722K 45 WHO-L1 60 960722K 49 KOXI-CA 49 KWWA-LI 15 KVVK-LP 15 KVVK-LP 57 K67HF 62 K92EM	55.09 14776-30-41 36-39-14776-30-41 OR from ch. 21, 27.00 27.00
C. Rocking. Farmville Fulks Run Hampton Keysville Norfolk Roanoke Washington Anacottes Camas Ellensburg Kennewick Kennewick Kennewick Kennewick	19 W21AC 28 WFMA-Lf 45 W45AW 7 WGBS-LP 55 920203K 45 WKYV-LF 60 960722K 64 961018K 19 KOXI-CA 49 KWWA-LI 15 KVVK-LP 57 K67HF 62 K92EM 67 OW920Y.	551W , 353914/75-30-41 OR from ch. 21, 278W 2 XR 3730-1417711-51 PC#2-1.69kw, 3535-29/78-04-11 PG>2.5kw, 3551-3976-21-13 EAF dismissed 2 XR 3730-14f7711-51 PG>120kw , 354-914775-30-41 I AF dismissed EAF dismissed EAF dismissed FC to America's Store P FC to KPOU (16 Univision) FC to KPOU FC to KPOU
C. Rocking. Farmville Fulks Run Hampton Hampton Keysville Norfolk Roanoke Washington Anacortes Eilensburg Kennewick Kennewick	19 W21AC 28 WFMA-LF 45 W45AW 7 WGBS-LP 55 920203K 45 WKYV-LF 60 960722K 45 WHO-L1 60 960722K 49 KOXI-CA 49 KWWA-LI 15 KVVK-LP 15 KVVK-LP 57 K67HF 62 K92EM	551W, 36-39-14/76-30-41 OR from ch. 21, 2 XR 3730-1417711-51 PC#2-1.69Kw, 35-51-37/76-21-13 EAF dismissed 2 XR 3730-1477711-51 PG>220kw, 35-49-1477711-51 PG>220kw, 35-49-1477530-41 I AF dismissed FC to America's Store P FC to KPOU 16 Univision) FC to KPOU FC to KPOU J AF dismissed FC to KPOU J AF dismissed
C. Rocking. Farmville Fulks Run Hampton Keysville Norfolk Roanoke Washington Ancortes Camas Ellensburg Kennewick Kennewick Kennewick Olympia Pasco	19 W21AC 28 WFMA-Lf 45 W45AW 7 WGBS-LP 55 920203Kl 45 WKYV-LF 45 WNLO-Lf 60 960722K 64 961018Kl 19 KOXI-CA 49 KWWA-Ll 15 KVVK-LP 57 K67HF 62 K92EM 67 OW920Y.4 4 K0401	551W, 36-39-14/75-30-41 OR from ch. 21, 2 XR 3730-1417711-51 PC#-2.169kw, 36-31-307/75-21-13 EAF dismissed 2 XR 3730-14/7711-51 PG>120kw, 35-49-14/75-30-41 I AF dismissed EAF dismissed EAF dismissed EAF dismissed FC to America's Store P FC to KPOU (16 Univision) FC to KPOU FC to KPOU FC to KPOU J AF dismissed

28 K65AU OR from ch. 65, Stemilt 1.01 kw Sunnyside B K08LU FC to KPOU Sunnyside 13 K13WP FC to KPOU Tacoma 36 KSTW-DT PG>276m Walla Walls 9 KAZW-TV CC from KBKI 2 KKFQ-LP FC to KPOU Yaklma 14 KAZW-LP CC from K14JH Yaklma Yaklma 43 K43GY FC to Mun2 (Spanish) Yaklma 58 KSSEG FC to KPOU West VIroinia: Charleston 18 W18CE QC# from W23BH, 65kw Lewisburg 59 WVNS-TVCC from WVSX Wheeling 56 WSSDX PG>70.9kw Wisconsin: Milwaukee 34 WISN-DT PG s33kwf340m, 43-08-42/87-65-42 Richland C 45 960722KNAF dismissed Wyoming: 2 KTWO FC to ABC Casper Casper 13 KCWY FC to NBC Casper 20 KFNS FC to independent Cheyenne 33 KKTU FC to ABC Laramie 24 KPAH-CA QC#from ch. 63, 4.2KW Little Amer 45 K45GO QC# from K07LS, 1.02kw,

41-06-191110-12-13

FC to Independent

FC to Independent



11 KFNR

10 KFNE

Rawlins

Riverton

Puerto Rico: 42 WSEX-LP CC from WREY-LP Celba Ponce 43 WSUR-DTPG<825m San Juan 21 WJPX-DT PG>1000kwf564m, drop DA San Juan 62 930701KFAF dismissed



Virgin Islands; Christiansted 23 WCVI-DT QG from ch. 5, 660w/124m



21

Canada British Columbia: Vancouver 42 CHNM-TVNW 78kw1813m 49-21-121122-57-18

Newfoundland & Labrador. Bonne Bay 2 CBYT3 FC to CBNT (B CSC) Cartwright 9 CBNT-21 FC to CBNT Churchill F 9 CBNLT-1 FC to CBNT Cow Head 8 CBYT-6 FC to CBNT

22 K87CD

52 KHBA-LP PG<8.16kw,

47-34-46/117-17-51

OR from ch. 67,

1.01 kw

Spokane

StemIK

Hawkes Bay 4 CBYT-0	FC to CBNT
Portland Ck 13 CSYT-8	FC to CBNT
Trout River 13 CBYT-7	FC to CBNT

Quebec:

Les Escoum.57 CIMT-TV-7 OR from ch. 13; 50w

Saskatchewan:

Fond du Lac 10 CBKAT-2 FC to CBKT (9 CBC) Hudson Bay 9 CKOS-TV-2 FC to CBKT (9 CBC) Norquay 13 CKOS-TV-1 FC to CBKT (9 CBC) Stony Rap. 7 CBKA-3 FC to CBKT (9 CSC) Uranium C. 8 CBKAT FC to CBKT (9 CBC)

Caribbean:



Cuba:

Add another channel to the list of the new "Canal Educative" in Cuba. Both channels 4 and 12 are in use In Havana Reports have h another network also educational, is being planned.

Notes:

Thanks to John Bayless, Jeff Kadet, David Austin, Bill Draeb and David Nelson for **information** appearing elsewhere in this month's column. We're having an excellent skip season, so I'm going to keep this month's column short and leave more space for DX. (it's great to have that problem for a change!)

I realize there **doesn't** seem to be any difference between the Cuban and Puerto Rican flags in this month's (and last month's) column. In fact the flags do appear identical in black-and-white; they do differ when viewed in color.

We have a big stack of off-the-air stations this month. WNVT-53 (Goldvein, VA) has apparently been off for a few months. They don't want to come back - they've applied to become a DTV-only station on channel 30.

KHSD-11 (Lead, SD) had a transmitter breakdown and required a few days to acquire a replacement part. KETV-7 (Omaha) was off briefly when their tower collapsed, but they've returned from a backup she. Their DTV on channel 20 is still off. So is WOWTs on channel 22. WOWTs tower is adjacent to KETV's, and was damaged by the collapse.

KAVU-25 (Victoria, TX) was damaged by the mid-July tropical storm. They're using some co-owned LPTVs to keep programming on the air - and will probably be back on by the time you read this. KSMQ-15 (Austin, MN) had their transmitter destroyed by a water leak. They don't have the money to replace it they're trying to sell the station.

The fires near Tucson, Arizona didn't destroy

any broadcast stations but they did drive KUAT-6 off the air for awhile. Electricity was shut off on the mountain; KUAT thought they had enough fuel to operate on generator **power for 5 days. In fact it lasted for ten – but** they still couldn't get a truck up there to refill it. Finally, **WIFR-23 (Freeport, IL) lost their tower** to an early July windstorm. They may be back at reduced power by the time you read this. My bet is their DTV will be gone for awhile longer.

We also have some new stations. WNYA-51 (Pittsfield, MA) is testing with color bars. WSKG-46 (Bingharnton, NY) has received a permit to build another station on channel 30 at corning. WSKG is a PBS affiliate, and you can expect the same from the new station. WBIJ-4 (Crandon, WI) is on with FamilyNet. (possibly among other things as Bill Draeb saw it with CBN)

There have been changes to the table of channel allotments in Cadillac and Manistee, Michigan and in Laredo, Texas. Unfortunately the FCC failed to create the necessary links, so I don't know what those changes are.

Jeff Kadet reports KHQA-7 (Hannibal, MO) is off-frequency. They're operating on zero offset, not their assigned minus offset. I note that WJW-8 (Cleveland) has changed frequency from zero offset to plus, but KFIQA has 1141 been assigned zero offset.

Strange things tend to happen with regard to broadcast transmission in the Quincy-Hannibal market. Which really shouldn't be a surprise when you realize the largest U.S. manufacturer of broadcast transmitters is located there...

We thought the end of analog TV was approaching quickly in the U.S... I have found a report (wish I could remember where! - but it's collaborated by German websites) that suggests analog over-the-air TV will be dosed in Berlin, Germany <u>THIS MONTH</u>. David Austin was recently in Germany, and reports buying an analog portable TV for only **EUR24.99** (roughly US\$27) in Aachen. He was surprised by the low price. This report **may explain it!**

The amazing DX season of 2003 continues... We thought the reception of CKCW-2 (Moncton, NB) in the U.K. was a big deal... who would have thought the path would be retraced on _FM a few weeks later?! Here's hoping you're having a great season wherever you are...

Eastern TV-DX Matthew C. Sittel 15013 Eureux St. Bellevue, NE 68123 mcsittel 2002.net

August, 2003

September, 2003 column deadline: Aug. 12

Eastern TV-DX is for reporters from the following states: AL, CT, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT and WV, plus Washington, DC. Also for reporters from the following Canadian provinces: NB, NF, NS, ON, PEI and PQ. Overseas reports welcome!

William McGuire, Cheverly, MD

Equipment: 13" Admiral color TV.

5/29 tr 2336 WAR-29 VA Charlottesville Dateline 29 News, NBC 6/3 tr 0630 WWBT-12 VA Richmond, NBC 12 6110 V 0005 WVEC-13 VA Hampton, ABC 0025 WHRO-15 VA Hampton, PBS 0036 WAVY-10 VA Portsmouth NBC 0054 WBOC-16 MD Salisbury CBS 2335 WCAU-10 PA Philadelphia, NBC 10 2337 KYW-3 PA Philadelphia CBS PA Philadelphia, ABC 2340 WPVI-6 2342 WHYY-12 DE Wilmington, fundraiser 6/11 tr 2300 WAR-29 VA Charlottesville, NBC 29 WGAL-8 PA Lancaster, ID 2325 2336 WTVR-6 VA Richmond, CBS 6/12 tr 2213 WMDT-47 MD Salisbury, ABC 6/13 tr 0000 WPMT-43 PA York, Fox 43 6/14 tr 1950 WBOC-16 MD Salisbury, local ads, ID 2000 WCPB-28 MD Salisbury, PBS 2015 WPSG-57 PA Philadelphia, UPN 57 WPPX-61 DE Wilmington, PAX 2020 WTXF-29 PA Philadelphia. Fox 2030 2050 WMGM-40 NJ Wildwood, NBC 2100 WFPT-62 MD Frederick. PBS 2300 VWVBT-12 VA Richmond, NBC 12 6/16 Es 1400 unID-3 educational or ethnic pama. 1555 unID-3 "Dr. Phil". "Millionaire" at 1600 1610 un[D-3 "CBS 3", maybe KYW? 6119 tr 1030 VWVBT-12 VA Richmond, logo 1045 WTVR-6 VA Richmond, ID 6/19 Es 1240 unID-3 "Hollywood Squares" 6/20 unID-3 "Andy Griffith" (probably KYTV, 1340 see Jim Renfrew's report!-mcs) 1350 unID-3 PBS 1415 unID-3 NBC KMTV-3 NE Omaha, KM3 nx logo 1432 unID-3 PBS cartoon 1505

1642 unID-3 FF. "Le TVA" Ste.-Marguerite PQ 6/23 Es 1122 unID-3 ABC "The View" 6/24 Es 1925 KATC-3 LA Lafavette.ID 2035 WEDU-3 FL Tampa 6/26 tr 2328 WWBT-12 VA Richmond, logo shown 6/27 tr 1955 WBOC-16 MD Salisbury, promo, ID 2000 WCPB-28 MD Salisbury, PBS 6/30 tr 0900 VWVBT-12 VA Richmond, NBC 0900 WRIC-8 VA Petersburg 2306 WHYY-12 DE Wilmington 2310 WCAU-10 PA Philadelphia, NBC 10 2316 WPVI-6 PA Philadelphia. News 6 2337 WRIC-8 VA Petersburg 7/1 tr 0650 WVIR-29 VA Charlottesville, ID 0655 WAVY-10 VA Portsmouth, logo /3 tr 2300 KYW-3 PA Philadelphia, CBS 3 44 tr 1030 WTVR-6 VA Richmond, stn prorno 1835 WGAL-8 PA Lancaster, NBC 7/4 Es 1035 unID-2 "Caroline Rhea" 1100 WLBZ-2 ME Bangor, ID, NBC 2 1128 unID-3 ABC w/"The View" 1200 CBET-2 PQ Montreal, SRC 7/5 Es 2010 unID-3 CBC 7/7 Es 1210 unID-3 NBC 1220 unID-3 "Life's Moments" program 1600 KATC-3 LA Lafayette, ID 1700 unID-3 PBS W"Barney" 1710 unID-3 NBC news report showing large '3' with peacock logo 1937 unID-3 'Wheel of Fortune" 7/7 tr 1715 WGAL-8 PA Lancaster, ID in UR 1800 WHYY-12 DE Wilmington, ID, PBS 1915 WCAU-10 PA Philadelphia, NBC 10 2145 WPSG-57 PA Philadelphia, UPN

Equipment: 2002 Panasonic CT-2017F 20" TV, Sharp VCR, amplified Wxiegard Sensar outdoor antenna.

<u>6/6 Es</u>

1931 unID-4 ABC 1936 WFOR-4 FL Miami 1941 WPTV-5 FL West Palm Beach 1959 unID-4 SS 2000 WESH-2 FL Daytona Beach 2001 unID-5 SS 2022 unID-2 SS 2028 WPBT-2 FL Miami 6/9 Es 2051 unID-2 SS 2227 KXMA-2 ND Dickinson, CBS 2 2233 KIVV-5 SD Lead. Fox 7 KEVN 2237 unID-5 NBC 2241 unID-4 CBS 2314 unID-2 PBS 2328 unID-4 "Fox 4" (KHMT?-mcs) 6/10 Es 0014 KXMA-2 ND Dickinson Watch Eve On Dakota News' 0032 unID-4 PBS 1919 unID-4 SS 1930 unID-5 Canada 6/10 tr 2/4/5/8/17/30/58 TN Nashville 13/40/53 KY Bowling Green 14/25/44 IN Evansville **KY Madisonville** 19/35 1757 WBXX-20 TN Crossville 1759 WCTE-22 TN Cookeville 1800 WNPX-28 TN Cookeville 1801 unID-31 1801 WHTN-39 TN Murfreesboro 1802 unID-50 1808 unID-10 6/12 Es 1154 unID-4 Canada 1300 unID-2 NBC 1301 unID-2 PBS 1314 WESH-2 FL Davtona Beach 6/13 Es 1747 unID-2 SS

1748 unID-4 SS 1750 unID-5 SS cartoon 1820 KPRC-2 TX Houston 1932 unID-2 PBS 2019 KWGN-2 CO Denver 2027 unID-4 CBS 6/14 Es 1607 unID-2 Galavision 1610 unID-4 SS 1613 unID-3 Galavision 1904 unID-4 Cuba? 6/16 Es 0855 unID-2 SS 0858 unID-4 SS cartoon 0918 unID-3 SS 0927 unID-5 SS 6/16 tr 1837 WKNO-10 TN Memphis WHBQ-13 TN Memphis 1839 1843 WPXX-50 TN Memphis 6/18 tr 1547 7/9/14/25/44 IN Evansville 1547 unID-22 1548 WKOH-31 KY Owensboro 1555 W38BK-38 |N Evansville 1555 unID-39 1556 W56DN-56 |N Evansville 1602 WTSNLP-63 N Evansville 1857 WVUT-22 IN Vincennes 1900 unID-10 semi-local WBBJ-7 was blown away by WTVW-7 IN! 6/19 Es 1900 unID-2 PBS w/another unID 6/20 Es 1332 unID-2 NBC, <1> 1339 unID-2 Canada 1421 WBKP-5 MI Calumet, "10", <2> 1424 unID-3 CBS, <3> 1434 CKPR-2 ON Thunder Bav. <4> C HFD-4 1435 ON Thunder Bay

Notes:

- The logo looked very much like WGRZ-NY, but can't be sure. WKTV-NY and WLBZ-ME are also suspect.
- 2. A "10" appeared on the lower right-hand side of the screen with dual 'WBUPNVBKP" underneath the "10" logo. This indicates that WBKP is the satellite of WBUP and not vice-versa as the "TV Guide" shows. I was surprised by this given the fact that WBUP went on the air not too long ago and WBKP had already been long in operation. (1'm not sure that ID proves WBKP is definitely the satellite; it's possible thoughl-mcs)
- WJMN and WWMT, both in Michigan, are very strong suspects. My so-called "local" WSIL was blown away.
- 4. This station came in very strong and lasted a very L-O-N-G timel I'm not at all surprised CKPR-2 and CHFD-4 were logged almost simultaneously. They both have the same exact tower location, HAAT and ERP level.

I now have 14 new stations, 7 states, and 1 province via E-layer propagation at my new QTH.

Doug Smith, W9WI, Pleasant View, TN

6/1 tr 0837 WXIN-59 IN Indianapolis 6/2 Es 1124 unID-3 Mexico 6/3 Es AZ Phoenix. MDT time check 0930 KTVK-3t TX Corpus Christi 1055 KIII-3 1057 KPRC-2 TX Houston 1104 unID-2 Mexico 6/6 Es 0939 unID-3 Mexico 6/7 Es 0830 KIII-3 TX Corpus Christi unID-2 NBC (prob. KPRC) and Mexico unID-3 Mexico 6/9 Es 1130 KDLO-3 SD Florence 1150 KBME-3 ND Bismarck 1150 KPLO-6 SD Reliance 6/11 Es 0830 KOCT-6t NM Carlsbad, FM to El Paso 6/12 Es 1239 unID-3 CBC (suspect Winnipeg) <u>6/16 Es</u> 0855 unID-3 Mexico 6/20 Es 1011 CITO-3t ON Timmins CICA-6t ON North Bay (Ottawa & other area FM in) 6/23 Es 1100 KENW-3 NM Portales, note <t >

w9wi@w9wi.com

1335 KACV-2t TX Amarillo. PBS 1345 KASA-2t NM Santa Fe (huge letters "FOX") 1354 KOCT-6 NM Carlsbad, KOAT-7 ID 1355 unID-3 NBC, TX? 6/24 Es 1330 MUF 99.1 6/25 Es 1100 KENW-3t NM Portales, PBS 6/26 Es 1110 KOAA-5 CO Pueblo, "5/30" 1148 KRMA-6 CO Denver, logo 1155 KWGN-2 CO Denver, 'WB2" 6/27 tr 0730 WSTR-64 OH Cincinnati WXIN-59 IN Indianapolis WKNO-10 TN Memphis, <2> KOCT-6 NM Carlsbad, KOAT-7 logo 1111 KENW-3t NM Portales, PBS 1140 KACV-2t TX Amarillo. PBS 1151 KSWK-3 KS Lakin "Smoky Hills Public Television" 7/3 Es 0941 KWNB-6 NE Hayes Center, "MTV" NE Lexington, NE ETV logo 1000 KLNE-3 unID-3 CBS 1041 KRMA-6 CO Denver, logo 1129 KOAA-5 CO Pueblo, "5/30" 1131 KSWK-3 KS Lakin D w/KODC-21. KOOD-9 and three DTVs

Notes:

Trouble slide, after airing about 30 seconds of black followed by color bars with "SC ETV" ID. Thought I had a new slate until I remembered there is no channel 3 in South Carolina <grin>!

 First time seen since local WSMV-DT signed on. DTV snow also noted against semi-local WNPX-28: presumably also from Memohis.

Bob Timmerman, Fort Wayne, IN

bob@timmerman.com

<u>6/2 Es</u> 1200 VWVL-4	LA New Orleans	823	1403 KDFW-4 TX Dallas 6/9 Es	881
1225 KPRC-2	TX Houston	988	2314 KOAA-5 CO Pueblo	1048
1230 KGBT-4	TX Harlingen	1263	2329 KSWK-3 KS Lakin	882
1231 WPBT-2	FL Miami	1085	2330 KGWN-5 WY Cheyenne	1033
1257 WEDU-3	FL Tampa	933	2333 KLBY-4 KS Colby	865
1259 WOAI-4	TX San Antonio	1103	2341 KSNC-2 KS Great Bend	748
1300 KENS-5	TX San Antonio	1103	2350 KBSD-6 KS Ensign	847
1303 KBEJ-2	TX Fredericksburg	1070	<u>6/10 Es</u>	
<u>6/4 Es</u>	Ū		0021 KASA-2 NM Santa Fe, rare	1226
1210 KPRC-2	TX Houston	988	0119 KACV-2 TX Amarillo	989
6/6 Es			0248 KBEJ-2 TX Fredericksburg	1070
1846 WEDU-3	FL Tampa	933	0833 WEDU-3 FL Tampa	933
1849 WPBT-2	FL Miami	1085	0839 WPBT-2 FL Miami	1085
1855 WFOR-4	FL Miami	1084	0900 WESH-2 FL Daytona Beach	870
1859 WESH-2	FL Daytona Beach	870	0901 WJXT-4 FL Jacksonville	777
1900 WTVJ-6	FL Miami	1109	1200 WCBD-2 SC Charleston	642
1915 ch. 4	CUBA Havana	1250	1213 WUND-2 NC Columbia	599
<u>6/7 Es</u>			1310 WTTG-5 DC Washington	454
1335 KBEJ-2	TX Frdericksburg	1070	my record for short skip	
1400 KDTN-2	TX Denton	880	1315 WMAR-2 MD Baltimore	467

1533 KFDX-3 TX Wichita Falls	889	1235 WLBZ-2	ME Bangor	
1540 KJRH-2 OK Tulsa	670	1238 WPBT-2	FL Miami	1085
1541 KOCO-5 OK Oklahoma City	772	1245 KETS-2	AR Little Rock	600
1542 KDFW-4 TX Dallas		1250 KBTX-3		
	881		TX Bryan	951
1550 KFOR-4 OK Oklahoma City	772	1255 <u>WSKY-4</u>	NC Manteo	612
2120 KWNB-6 NE Hayes Center	831	1300 KBEJ-2	TX Fredericksburg	1070
2148 KDFW-4 TX Dallas	881	<u>6/22 Es</u>		
<u>6/11 Es</u>		1312 KBEJ-2	TX Fredericksburg	1070
1758 WEDU-3 FL Tampa	933	1315 KBTX-3	TX Bryan	951
1800 WFOR-4 FL Miami	1084	1405 KENS-5	TX San Antonio	1103
1812 WEAR-3 FL Pensacola	739	1405 WOAI-4		
			TX San Antonio	1103
1818 WKRG-5 AL Mobile	737	<u>6/23 tr</u>		
1828 WPBT-2 FL Miami	1085		NC Asheville, new tr sta	ate 416
1830 WESH-2 FL Daytona Beach	870	<u>6/24 tr</u>		
1840 WJXT-4 FL Jacksonville	777	0001 WPXS-13	IL Mount Vernon	269
<u>6/12 Es</u>		0035 WLOS-13	NC Asheville audio"13\	NLOS"
1150 WMAD-2 MD Baltimore	467	6/251		
1225 WCBS-2 NY New York	585	0025 WTVW-7	IN Evansville	246
1231 WNBC-4 NY New York		0026 WSIU-8		
	584			303
1238 WFSB-3t CT Hartford, CBS		0046 KPLR-11	MO St. Louis	328
1242 WGBH-2 MA Boston	723		MS Meridian, Oprah	638
1243 WBZ-41 MA Boston, CBS		0055 WPXS-13	IL Mount Vernon	269
1316 WLBZ-2t ME Bangor, NBC		0057 KHQA-7	MO Hannibal	335
<u>6/19 Es</u>		0106 KFVS-12 N	IO Cape Girardeau	347
1200 KBEJ-2 TX Fredericksburg	1070	0127 KETC-9	MO St. Louis	334
2030 KBME-3 ND Bismarck		0200 WQAD-8		272
2049 unID-4 Fox, 2050 unID-5 Fox				
		2215 CHCH-11		310
<u>6/20 Es</u>		2305 4/11/13	PA Pittsburgh	275
1230 CJCH5-2 NS Sheet Harbour				
Rick Shaflan, Sparta, NJ		<u>7/4 Es</u>		
			PQ Carleton, SRC	645
7/3 Es		1206 CBGAT14-2	PQ Carleton, SRC	645 631
<u>7/3 Es</u> 1105 unID-5 ABC wPThe View/' KRGV/2		1206 CBGAT14-2 1207 CBAFT3-3	NB Allardville, SRC	631
<u>7/3 Es</u> 1105 unID-5 ABC wPThe View/', KRGV?		1206 CBGAT14-2 1207 CBAFT3-3	,	
		1206 CBGAT14-2 1207 CBAFT3-3	NB Allardville, SRC	631
1105 unID-5 ABC wPThe View/', KRGV?		1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4	NB Allardville, SRC NB Campbellton, EE	631 645
	on, NY	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4	NB Allardville, SRC	631 645
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byrc		1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702	NB Allardville, SRC NB Campbellton, EE	631 645
1105 unID-5 ABC wPThe View/', KRGV?		1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702	NB Allardville, SRC NB Campbellton, EE	631 645
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byrc Equipment: several old B&W TVs, Radio S		1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702	NB Allardville, SRC NB Campbellton, EE	631 645
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byrc		1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702	NB Allardville, SRC NB Campbellton, EE	631 645
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byrc Equipment: several old B&W TVs, Radio S		1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna <u>6/211 r</u>	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju	631 645 no.com
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byro Equipment: several old B&W TVs, Radio S 6/10 Es 0018 KFOR-4 OK Oklahoma City	shack an	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna <u>6/211 r</u> 2330 CITY3-65 6	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa	631 645 no.com 183
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byro Equipment: several old B&W TVs, Radio S <u>6/10 Es</u> 0018 KFOR-4 OK Oklahoma City "Storm Alert 4"	shack an 1191	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna <u>6/211.r</u> 2330 CITY3-65 0 2342 WVPX-23	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX	631 645 no.com 183 246
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byrc Equipment: several old B&W TVs, Radio S <u>6/10 Es</u> 0018 KFOR-4 OK Oklahoma City "Storm Alert 4" 0032 KSNW-3 KS Wichita	hack an 1191 1105	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna 6/211 r 2330 CITY3-65 (2342 WVPX-23 2349 CHR043-43	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX ON Ottawa, RO	631 645 no.com 183 246 183
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byrd Equipment: several old B&W TVs, Radio S <u>6/10 Es</u> 0018 KFOR-4 OK Oklahoma City "Storm Alert 4" 0032 KSNW-3 KS Wichita 0046 WEDU-3 FL Tampa	5hack an 1191 1105 1084	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna <u>6/211 r</u> 2330 CITY3-65 0 2349 CHR043-43 2355 CIVM-17 P	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX ON Ottawa, RO Q Montreal, TQS	631 645 no.com 183 246 183 258
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byrd Equipment: several old B&W TVs, Radio S <u>6/10 Es</u> 0018 KFOR-4 OK Oklahoma City "Storm Alert 4" 0032 KSNW-3 KS Wichita 0046 WEDU-3 FL Tampa 0158 KOCO-5 OK Oklahoma City	5hack an 1191 1105 1084 1191	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna <u>6/211 r</u> 2330 CITY3-65 (2342 WVPX-23 2349 CHR043-43 2355 CIVM-17 P 2359 CJNT-62	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX ON Ottawa, RO Q Montreal, TQS	631 645 no.com 183 246 183
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byro Equipment: several old B&W TVs, Radio S 6/10 Es 0018 KFOR-4 OK Oklahoma City "Storm Alert 4" 0032 KSNW-3 KS Wichita 0046 WEDU-3 FL Tampa 0158 KOCO-5 OK Oklahoma City 0900 WEDU-3 FL Tampa	5hack an 1191 1105 1084 1191 1084	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna <u>6/211 r</u> 2330 CITY3-65 0 2342 WVPX-23 2349 CHR043-43 2359 CUM-17 P 2359 CUM-17 P 2359 CUM-17 P	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX ON Ottawa, RO Q Montreal, TQS PQ Montreal, CH	631 645 no.com 183 246 183 258 258
 1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byro Equipment: several old B&W TVs, Radio S <u>6/10 Es</u> 0018 KFOR-4 OK Oklahoma City "Storm Alert 4" 0032 KSNW-3 KS Wichita 0046 WEDU-3 FL Tampa 0158 KOCO-5 OK Oklahoma City 0900 WEDU-3 FL Tampa 0930 KATC-3 LA Lafayette 	5hack an 1191 1105 1084 1191	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 itenna 6/211.r 2330 CITY3-65 0 2342 WVPX-23 2349 CHR043-43 2355 CIVM-17 P 2359 CJNT-62 6/22 tr 0004 CFJP-35 P	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX ON Ottawa, RO Q Montreal, TQS PQ Montreal, CH	631 645 no.com 183 246 183 258
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byro Equipment: several old B&W TVs, Radio S 6/10 Es 0018 KFOR-4 OK Oklahoma City "Storm Alert 4" 0032 KSNW-3 KS Wichita 0046 WEDU-3 FL Tampa 0158 KOCO-5 OK Oklahoma City 0900 WEDU-3 FL Tampa	5hack an 1191 1105 1084 1191 1084	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna <u>6/211 r</u> 2330 CITY3-65 0 2342 WVPX-23 2349 CHR043-43 2359 CUM-17 P 2359 CUM-17 P 2359 CUM-17 P	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX ON Ottawa, RO Q Montreal, TQS PQ Montreal, CH	631 645 no.com 183 246 183 258 258
 1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byro Equipment: several old B&W TVs, Radio S <u>6/10 Es</u> 0018 KFOR-4 OK Oklahoma City "Storm Alert 4" 0032 KSNW-3 KS Wichita 0046 WEDU-3 FL Tampa 0158 KOCO-5 OK Oklahoma City 0900 WEDU-3 FL Tampa 0930 KATC-3 LA Lafayette 	5hack an 1191 1105 1084 1191 1084	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna 6/211_r 2330 CITY3-65 0 2342 WVPX-23 2349 CHR043-43 2355 CIVM-17 P 2359 CJNT-62 6/22_tr 0004 CFJP-35 P 0005 CKMI1-6	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX ON Ottawa, RO Q Montreal, TQS PQ Montreal, TQS PQ Montreal	631 645 no.com 183 246 183 258 258 258 258
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byrd Equipment: several old B&W TVs, Radio S <u>6/10 Es</u> 0018 KFOR-4 OK Oklahoma City "Storm Alert 4" 0032 KSNW-3 KS Wichita 0046 WEDU-3 FL Tampa 0158 KOCO-5 OK Oklahoma City 0900 WEDU-3 FL Tampa 0930 KATC-3 LA Lafayette "Storm Team 3" 1035 WLBT-3 MS Jackson	1191 1105 1084 1191 1084 1157 1018	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna 6/211 r 2330 CITY3-65 0 2349 CHR043-43 2359 CIVM-17 P 2359 CJNT-62 6/22 tr 0004 CFJP-35 P 0005 CKM11-46 0014 CFTM-10	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX ON Ottawa, RO Q Montreal, TQS PQ Montreal, TQS PQ Montreal PQ Montreal, TVA	631 645 no.com 183 246 183 258 258 258 258 258 258
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byrd Equipment: several old B&W TVs, Radio S <u>6/10 Es</u> 0018 KFOR-4 OK Oklahoma City "Storm Alert 4" 0032 KSNW-3 KS Wichita 0046 WEDU-3 FL Tampa 0158 KOCO-5 OK Oklahoma City 0900 WEDU-3 FL Tampa 0930 KATC-3 LA Lafayette "Storm Team 3" 1035 WLBT-3 MS Jackson 2118 KBME-3 ND Bismarck	1191 1105 1084 1191 1084 1157 1018 1162	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna 6/211r 2330 CITY3-65 0 2342 WVPX-23 2349 CHR043-43 2355 CIVM-17 P 2359 CJNT-62 6/22 tr 0004 CFJP-35 P 0005 CKMI1-6 0014 CETM-10 0024 CJOH8-8	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX ON Ottawa, RO Q Montreal, TQS PQ Montreal, TQS PQ Montreal	631 645 no.com 183 246 183 258 258 258 258
 1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byro Equipment: several old B&W TVs, Radio S 6/10 Es 0018 KFOR-4 OK Oklahoma City "Storm Alert 4" 0032 KSNW-3 KS Wichita 0046 WEDU-3 FL Tampa 0158 KOCO-5 OK Oklahoma City 0900 WEDU-3 FL Tampa 0930 KATC-3 LA Lafayette "Storm Team 3" 1035 WLBT-3 MS Jackson 2118 KBME-3 ND Bismarck 2125 CBWFT-3 MB Winnipeg 	thack and 1191 1105 1084 1191 1084 1157 1018 1162 1041	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna 6/211r 2330 CITY3-65 0 2342 WVPX-23 2349 CHR043-43 2355 CIVM-17 P 2359 CJNT-62 6/22 tr 0004 CFJP-35 P 0005 CKMI-46 0014 CFJM-10 0024 CJOH8-8 6/23 tr	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX ON Ottawa, RO Q Montreal, TQS PQ Montreal, CH Q Montreal, TQS PQ Montreal, TVA ON Cornwall, CTV	631 645 no.com 183 246 183 258 258 258 258 258 258 258 258 258 258
 1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byroc Equipment: several old B&W TVs, Radio S 6/10 Es 0018 KFOR-4 OK Oklahoma City "Storm Alert 4" 0032 KSNW-3 KS Wichita 0046 WEDU-3 FL Tampa 0158 KOCO-5 OK Oklahoma City 0900 WEDU-3 FL Tampa 0930 KATC-3 LA Lafayette	1191 1105 1084 1191 1084 1157 1018 1162	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna 6/211r 2330 CITY3-65 0 2342 WVPX-23 2349 CHR043-43 2355 CIVM-17 P 2359 CJNT-62 6/22 tr 0004 CFJP-35 P 0005 CKM1-46 0014 CFJM-10 0024 CJOH8-8 6/23 tr 0015 CBLFTB-61	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX ON Ottawa, RO Q Montreal, TQS PQ Montreal, CH Q Montreal, TQS PQ Montreal PQ Montreal PQ Montreal PQ Montreal, TVA ON Cornwall, CTV ON Kitchener	631 645 no.com 183 246 183 258 258 258 258 258 258 258 258 258 258
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byrd Equipment: several old B&W TVs, Radio S <u>6/10 Es</u> 0018 KFOR-4 OK Oklahoma City "Storm Alert 4" 0032 KSNW-3 KS Wichita 0046 WEDU-3 FL Tampa 0158 KOCO-5 OK Oklahoma City 0900 WEDU-3 FL Tampa 0930 KATC-3 UAfayette "Storm Team 3" 1035 WLBT-3 MS Jackson 2118 KBME-3 ND Bismarck 2150 CGFE-2 ND Grand Forks <u>6/11 Es</u>	thack and 1191 1105 1084 1191 1084 1157 1018 1162 1041 999	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna 6/211r 2330 CITY3-65 0 2342 WVPX-23 2349 CHR043-43 2355 CIVM-17 P 2359 CJNT-62 6/221r 0004 CFJP-35 P 0005 CKM1-46 0014 CFIM-10 0024 CJOH8-8 6/231r 0015 CBLFIB-61 0030 CKCO-13 C	NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX ON Ottawa, RO Q Montreal, TQS PQ Montreal, CH Q Montreal, TQS PQ Montreal, TVA ON Cornwall, CTV ON Kitchener DN Kitchener, CTV	631 645 no.com 183 246 183 258 258 258 258 258 258 258 258 258 258
1105 unID-5 ABC wPThe View/', KRGV? Jim Renfrew, 6988 Bank Street Road, Byrd Equipment: several old B&W TVs, Radio S <u>6/10 Es</u> 0018 KFOR-4 OK Oklahoma City "Storm Alert 4" 0032 KSNW-3 KS Wichita 0046 WEDU-3 FL Tampa 0158 KOCO-5 OK Oklahoma City 0900 WEDU-3 FL Tampa 0930 KATC-3 LA Lafayette "Storm Team 3" 1035 WLBT-3 MS Jackson 2118 KBME-3 ND Bismarck 2125 CBWFT-3 MB Winnipeg 2150 KGFE-2 ND Grand Forks <u>6/11 Es</u> 2010 KSNW-3 KS Wichita, KSN	1191 1105 1084 1191 1084 1191 108 1157 1018 1162 1041 999 1105	1206 CBGAT14-2 1207 CBAFT3-3 1208 CBAT4-4 14422-9702 ttenna 6/211 r 2330 CITY3-65 (2342 WVPX-23 2349 CHR043-43 2355 CIVM-17 P 2359 CJNT-62 6/22 tr 0005 CKM11-46 0014 CFJP-35 P 0005 CKM1-46 0014 CFTM-10 0024 CJOH8-8 6/23 tr 0015 CBLFTB-61 0030 CKCO-13 (0032 CIC028-28 (NB Allardville, SRC NB Campbellton, EE renfrew14422@ju ON Ottawa OH Akron, PAX ON Ottawa, RO OH Ottawa, RO ON Ottawa, RO ON Ottawa, RO ON Ottawa, RO ON Ottawa, RO Q Montreal, TQS PQ Montreal, TQS PQ Montreal, TVA ON Cornwall, CTV ON Kitchener, CTV ON Kitchener, TVO	631 645 no.com 183 246 183 258 258 258 258 258 258 258 258 258 258
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Charles Gauthier, St. Lambert, PQ, Canada

Equipment: JVC AV-20120 20" TV, JVC HR-S38000 SVHS VCR, Antennacraft 32-element VHF-UHF-FM antenna at 30' AGL, Channel Master 9510A rotor, RG6 coax, un-named combined trap for channels 2 and 6. 25dB indoor Radio Shack amplifier for UHF.

6/11 Es		0205 CKMI-20 PQ Quebec
2150 WJXT-4 FL Jacksonville	1136	2240 CBLFT13-15 ON Belleville
<u>6/12 Es</u>		2245 CIC038-38 ON Kingston
1300 WCBI-4 MS Columbus	1146	<u>6124 tr</u>
1315 KPRY-4 SD Pierre	1301	0136 WNED-17 NY Buffalo
<u>6/14 Es</u>		0137 WNLO-23 NY Buffalo
1500 WJXT-4 FL Jacksonville	1136	0140 WUTV-29 NY Buffalo
<u>6/19 Es</u>		0215 CICO7418 ON Peterborough 0250 C1112-2 ON Bancrofl
1929 KTVO-3 MO Kirksville	1012	0200 01112 2 011 20110101
2322 CJCN-4 NF Grand Falls	892	6/24 Es 1740 W.IXT-4 FL Jacksonville
<u>6/19 1</u>	257	1740 WJXT-4 FL Jacksonville 6/29 Es
1930 WUHF-31 NY Rochester	257 257	0400 KDLH-3 MN Duluth
1932 WXXI-21 NY Rochester	257	7/3 Es
<u>6/20 Es</u>	851	0135 WJXT-4 FL Jacksonville
0058 CBNT24-4 NF Hermitage	648	0158 KTVI-2 MO St. Louis
0124 CJCB-4 NS Sydney	784	0204 WSB-2 GA Atlanta
0126 CBYT3-2 NF Bonne Bay	942	0219 WFMY-2 NC Greensboro
0130 CJOM-3 NF Argentia 0131 CJOX-2 NF Grand Bank	942 858	<u>7/4 Es</u>
	858 740	0135 WSB-2 GA Atlanta
	1269	0154 WDIQ-2 AL Dozier
	1150	0201 KARK-4 AR Little Rock
0302 CBWFT-3 MB Winnipeg 0340 C.ICN-4 NF Grand Falls	892	0203 unID-2
0340 CJCN-4 NF Grand Falls 1915 WSMV-4 TN Nashville	947	0215 KETS-2 AR Little Rock
6/21 lr	011	0230 WFMY-2 NC Greensboro
2210 WXXI-21 NY Rochester	257	0245 WSAV-3 GA Savannah
2212 WUHF-31 NY Rochester	257	0340 WRBL-3 GA Columbus
2212 WORF-STINT Rochester 2215 <u>WNYB-26</u> NY Jamestown	354	0344 WEAR-3 FL Pensacola
2213 WINTE-28 IN Bullestown	259	7/4 tr
2220 WPXJ-51 NY Batavia	248	525 WCDC-19 MA North Adams
2226 WNLO-23 NY Buffalo	315	7/6 tr
2236 CBLFT14-32 ON Kingston	165	0125 CIVQ-15 PQ Quebec
2240 WUTV-29 NY Buffalo	316	0140 CBLFTI3-15 ON Belleville
2243 WNYO-49 NY Buffalo	307	0142 C10038-38 ON Kingston
6/22 tr		<u>7/7 Es</u>
2020 WXXI-21 NY Rochester	257	1715 WJXT-4 FL Jacksonville
2024 WUHF-31 NY Rochester	257	2225 KTIV-4 A Sioux City
2027 WNYB-26 NY Jameslown	354	2258 WDAF-4 MO Kansas City
2030 CKWS-11 ON Kingston	167	<u>7/8 Es</u>
2034 CBLFT14-32 ON Kingston	165	2229 WJXT-4 FL Jacksonville
2055 CIC038-38 ON Kingston	165	<u>7/9 Es</u>
2102 WPXJ-51 NY Batavia	248	0059 WTTV-4 IN Bloomington
2215 WOKR-13 NY Rochester	251	0112 WUNC-4 NC Chapel Hill
2240 CBLFT13-15 ON Belleville	196	1456 WJXT-4 FL Jacksonville
<u>6/23 tr</u>		1459 WEDU-3 FL Tampa
0200 CIVQ-15 PQ Quebec	145	2207 WDAF-4 MO Kansas City
0202 CFAP-2 PQ Quebec	145	<u>7/10 Es</u>
0204 CFCM-4 PQ Quebec	142	1329 WJXT-4 FL Jacksonville

Well, this is turning out to be a great season. What's going on with the atmosphere??!! The four overnight openings reported here were very exciting, especially the 'Newfoundland/MaritimestManitoba" one with very strong and stable signals. An all-Canadian e-skip night Local CBFT-2 and CBMT-6 have been VERY cooperative by signing off "early" this summer instead of keeping test patterns up all night. Keep it coming!!

I'm working on a web page with information about DTV: Irttp J/members.coxnet/mcsittel/dtvinfo.htm If you have any information about DTV broadcasts in your area you can add, write me! 73s Matt.



For Mrs in AL, AZ, AR, CA, CO, DE, DC, FL, GA, HI, KS, KY, LA, MD, MS, M0, NV, NM, NC, OK, SC, TN, TX, UT, VA, WV, Cuba & Mexico

August 2003

Hills, MD	- k3z	01 Huntland-Temple ©@verizon.net her, Winegard antenna @35'	1115 WUSZ	100 5	Ford-Lincoln and GreenLee Shoes 715 MN Virginia, 'Radio USA' 999 NB Saint John, 'C-98' 715 NB Saint John, 'C-98' 715
<u>6/23 Es</u> 1515 KTGL	92.9	NE Lincoln, "The Eagle- 92.9' 1059	1143 CKOE		NB Saint John, 'K-100 Light Rock Hits' 715 NB Moncton, 'Xtremel0I, ads for Magic Mountain
<u>6/24 Es</u> 2058 WIKX 7/3 Es	92.9	FL Punta Gorda, "Kix Country," Sarasota ads 879	1151 CFQM	805.0	Waterpark and Pringles Newsstand 786 NB Moncton 'Magic 104" 786
1035 KOLI	94.9	TX Electra, "Great Country 94.9," ads for A-1 Rentals at 4314 Jacksboro Hwy	1159 CIBX		NB Fredericton, "105 FM The Fox" 722 NB Fredericton, 'Capitol FM" 719
1037 KXXY	96.1	1150 OK Oklahoma City, "KXY - Today's Best Country 1150	1202 CBAF18 1204 CBSI7	92.5	NB Lameque, CBC FF 923 OC Havre-Saint-Pierre, FF nx 1050
1040 KWEY	97.3	OK Weatherford, ad for Hall's GA Superthrift 1218	1206 CKLE	92.9	NB Bathurst, FF ID, 'CKLE with CJVA," ad for Shell station
1046 KLAW	101.3	3 OK Lawton, ad "2215 NW Cache Road next to	1209 CJRG	94.5	In Paquetville 825 OC Gaspe, local Gaspe nx in FF 928
1053 KCOL	99.3	Chick-Fil-A" 1230 OK Cordell. 'Classic Rock 99.3	1212 CIEU 7/7 Es	94.9	OC Carleton. FF 858
1054 KYIS	98.9	The Zoo" 1234 OK Oklahoma City, "98.9 Kiss FM, ad for Fowler	043 KBHT		TX Grapeland, ad for Houston County Farm Bureau 1182
1057 KTIJ 1059 KM ML	98.5 96.9	Mitsubishi in Norman 1151 OK Elk City, ID 1267 TX Amarillo, "96.9 KMML" 1391	2044 KKRW 2052 KOYE	93.7 96.7	TX Houstón, "Houston's only classic rock station' 1234 TX Frankston, "La Nueva Kah-oye, Noventa y Seis
1105 KECO	96.5	OK Elk City, "See KECO.com"	2124 KKBQ	92.9	Punto Siete" 1122 TX Houston, 'The New 93-Q'
1116 KLSR 7/4 Tr	105.3	TX Memphis, ad for Wellington State Bank 1334	2132 KYKZ	96.1	1235 LA Lake Charles, 'Kix-96, Southwest Louisiana's' 1113
0915 WBBB 1224 WFMZ	96.1 104.9	NC Raleigh, '96. Rock" 237 NC Hertford, "Praise 105" 189	2134 KHMX	96.5	TX Houston, 'Houston's new
_7/4 Es 1033 WERU	89.9	ME Blue Hill, 'Studio Line	2148 KLTY 7/9 Es	94.9	TX Arlington, ID 1201
1047 CBAL4	88.1	469-0500° 580 NB Saint John, French	6492 KLRK 9	92.9	TX Waco, "Light Rode 92.9" 1251
1049 CJBR 1055 CBGA8	89.1 93.5	Cutturelle 715 CC Rimouski, CBC FF 772 OC Cap-aux-Meules, CBC FF	1042 KROM	92.9	TX San Antonio, "Estereo Latino Noventa y Dos Punto Nueve' 1383
1100 CBD 1100 KUWS	91.3 91.3	NB Saint John, ID 715 WI Superior, "Studios on the campus of the University of Wisconein Superior 044	2047 KRGY 2053 KSKL 2055 KANS	97.3 94.5 92.9	NE Grand Island, ID 1129 KS Garden City, local ads 1290 KS Emporia, "Kansas Radio"
1103 CBMB	91.7	of Wisconsin-Superior 944 QC Sherbrooke, "CBM News" 525	2055 KRGI	96.5	1032 NE Grand Island, Grand Island
1106 CJEM 1110 CFWV	92.7 97.3	NB Edmundston,FFnx 735 NB Saint John, ads for Parkway	2056 KYBD	98.1	ads 1145 KS Garden City, Garden City ads 1274

	93.1 KS Hutchinson, "My 93.1" 1158 96.1 NE McCook local ads 1264 101.3 KS Wichita, local ads 1117 102.1 KS Wichita, 'Today's Best	1321 WOGK 93.7 FL 1321 WGMX 94.3 FL 1324 WKEY 93.5 FL	Ocala. k "93-7 K-County Marathon, "Mix 94," Itte r Key West, 'Key 93.5," wx 'Storm Forecast," Ifte
2142 KMXW		1332 WVYB 103.3 FL	rock-mix Holly Hill, ads w/mention of Daytona Beach, Daytona Beach wx
	wx 1106	1337 WMKL 91.7 FL	Key Largo, Christian hip-hop, "91-7 the Calr
	AK3E, Rising Sun, MD (FM19) FW, Amarillo, TX, on 144.2 MHz.	1340 WXDJ 95.7 FL	North Miami Beach, salsa
		1343 WFLC 97.3 FL	mx, "Sol 95," ads Miami, 'The Coast, "The
Boca Chic 6124 Es	seblood - 27 LBJ Blvd a B ach, TX 78521 -CDT	1348 WGUF 98.9 FL 1415 WSSR 95.7 FL	80's all weekend long" Marco, 'Classic Hits 98-9' Clearwater, "Star 95.7," broadcasting live from St. Potosburg pior
1230 Es to 107 1244 unID	101.7 ?? ??, country mx ID sounded	1416 WDDV 92.1 FL	St. Petersburg pier Venice, "Today's EZ favorites at 92.1 WDDV"
1248 unID	107.5 ?? ??, mention of Greensboro	1739 KMXW 92.3 KS	Newton, ads w/ment of Wichita
1249 unID	and Winston-Salem 107.7 ?? ??, ID sounded like WNEK?,	1740 KYEZ 93.7 KS	Salina, ad for Salina
1253 unID	107.7 AL ??, AL ads, ment of Cedar	1742 KMXV 93.3 MO	Speedway Kansas City, "Kansas
1300 WQLT	Bluff and Walker Springs, k 107 3 AL Florence, ID, *a`107" 106 9 AL Birmingham, 'The Point,"	1751 KSLZ 107.7 MO	Citys #1 hit music stn" St. Louis, "St. Louis' #1 hit
1304 WEPT	"The best of the 80's and	1759 WSSM 106.5 IL	music station" Granite City, smooth j
1306 WRAX	more" 107.7 AL Birmingham, heavy metal,		Wrightsville, "Alice 107.7" Snyder, 'Super hits of the
1308 WSJF	"107-7 The X' 105 5 FL St. Augustine Beach,	1810 KLOU 103.3 MO	60's & 70's" St. Louis, "Super hits of the
1308 unID	smooth j 104 7 7? ??, "The Fox," political	1815 KBXB 97.9 MO	60's & 70's" Sikeston, k, "The only thing
1310 WBUZ	spot, soul or Christian mx 102 9 TN LaVergne, heavy metal,		hotter than the wx is Missouri's country, B-98"
1319 WANT	"The Buzz" 98.9 TN Lebanon, traditional k	1820 WWYN 106.9 TN	Jackson, ads with mention of Jackson
7/4 Es 1399	92.3 Honduras, San Pedro Sula, with 'rockin' pop," SS female		Indiantown, ads, 'The Buzf Lafayette, 'Eagle 99.9," classic hits
1040 WFYV	DJ taking calls on the air 104 5 FL Atlantic Beach,	1829 WFLZ 93.3 FL 1830 WMMO 98.9 FL	Tampa, "93-3 FM, CHR Orlando, ID, pop-mix
1044	"Jacksonville's Rode 105" 93.5 Jamaica, R. Mona, light Jamaican guitar/vocal mx,	1832 WXXL 106.7 FL 1834 WMGF 107.7 FL	Tavares, r, 'XL-106.7' Mt. Dora, Delilah, 'Magic 107"
	slogan, promo for classic mx pgm 'weekdays at 9*	1837 VWVSN 103.3 GA 1912 KFMA 92.1 AZ	Green Valley, ads, r
1049 WWKA 1051	92.3 FL Orlando, "K-92 FM," k 93.7 Jamaica, R. Mona //93.5, w/	1917 KOFX 92.3 TX	El Paso, o, 'El Paso's Oldies Station"
1001	Jamaican guitarAfocal mx, male DJ w/Jamaican	1918 KRQQ 93.7 AZ 1921 KMXZ 94.9 AZ	Tucson, dance-hit music Tucson, traffic, "Mix FM"
1055 RJR	accent 94.1 Jamaica, Caribbean accented	1923 XHECS 97.3 CI	Chihuahua, SS male with announcements, many
	man and woman with a discussion about "dust collection' in the West Indies, "94-FM Real	1926 XHNGS 96.7 SO	slogans "97.3 FM tu," ads Nogales, musica romantica, ads, 'desde oorazon a corazon FM
1104 WSJT	Jamaican Radio 94.1 FL Lakeland, 'Smooth Jazz,' Ds, back in at 1348 with	1933 XHNNO 99.9 SO	Globo" Richfield, k Agua Prieta, disco mx,
1313 WCMQ	Hialeah and Mia, SS Latin		ads, CST TC Ciudad Cuauhtemoc, slogan "Super Estelar"
1314 unID 1321 WSOS	American pop music 93.5 ?? ??, Caribbean hip-hop mx 94.1 FL St. Augustine, ads, pop-mix, merit of St. Augustine	5⁄7 Es 1315 WMAX 105.3 GA 1341 WHHM 107.7 TIN 1359 WCIL 101.5 IL	Bowdon, ID Henderson, 'Star 107-7" Carbondale, merit of southern Illinois

1400 KPLA			Columbia, life rock, ID, "The best mix in soft r		8
1420 KMJK	107.3	3 MO	Lexington, ads, wx, "Magic 107.3"		
1422 KTXY 1422 KRZK) Columbia, 'Y-107') Branson, ads, 'Karaoke contest every Thursday night at the Hillbilly Lounge	1112 unID 1121 ??	88 89
1422 WSW 1425 WSSM 1425 WPW0	T 106.9 106.5 Q 106.7) IL 5 IL 7 IL	In Branson* Peoria, "Lite Rock 107" Granite City, smooth j Mt. Sterling, "C-106 weekend weather	1130??	89
1429 KILJ	105.5	5 IA	Mt. Pleasant, "KILJ 105.5,"		
1440 KLSZ	102.7	' AR	k ID Van Buren, "Rock 102," wx	1132??	89
1441 KQUL	102.7	MO	for Fort Smith Lake Ozark, ad, "Cool 102.7," ment of "Private		
1444 KZIA	102.9	AI	Quarters golf club" in MO Cedar Rapids, "Z-102.9" slogan, ad for "Holy Cow Ice Cream," "Today's hit	1134??	92
1447 KOKZ	105.7	IA	music comes to play all weekend long" Waterloo, 'Cool 105.7, the	1136??	91
1450 KZZT 1453 KPRS	105.5	MO	best oldies" Moberly, ID, o Kansas City, ads, promo for	1137 unID 1141 unID	93 93
1500 KMZU	100.7	MO	Carrotton, k	1141 KALQ 1145??	93 93
1503 KRES	104.7		Moberly, north central MO electric coop spot	1147 unID	90
1537 KJCK	97.5	KS	electric coop spot Manhattan, 'The Big Cat, pop-mix	1148 77	89
1537 KMZA	92.1	KS	Seneca, ads, mention of Marysville, ad for Blue		
1541 KYEZ	93.7	KS	Valley Communications Salina, k 'Salina's home for	1150??	93
1542 KEZO 1543 KFGE	92.3 98.1	NE NF	country, KY Country 94" Omaha, "Z-92," classic rock Milford, 'Lincoln's best	1153 KRDO	95
			watch	1154 KKCS	10
1550 KBLR 1551 KMXC 7/6 Es	97.3 97.3	NE SD	Blair, "Hot 107-7 & 97-3" Sioux Falls, 'Best mix of the 80's, 90's and today," mentions of Sioux Falls	1157 ?? 1201 ??	10 98
1315 XHCAC	92.3	QR	Cancun, R. Formula, SS	100000	
1321??	93.5	Jam	discussion pgm naica, Radio Mona, c and operatic mx	1202??	94
1330RJR	94.1	Jam	aica, Ice pop-mix w/male DJ in EE, local announcements, ID,	Doug Sm 1385 Old (
1414 unID 1418 unID	93.9 92.1	?? 7 ??	promos, reggae ??, Christian preacher ??, SS male w/sports remote broadcast	Pleasant w9wi@w9	Vie
1418 unID	97.9	77	77, male DX with taking requests, announcements,	27 new ones	s thi
<u>7/10 Es</u> 0855 KOMP 0858 KNPR	92.3 89.5	NV	disco-dance mx Las Vegas, r, ads	6/3 Es 1200 KTEP	88
0838 KNPR	90.5	NV	Las Vegas, NPR Morning Edition, LV traffic rpt, 'NV Public Radio KNPR LV' Las Vegas, SRN nx, promo for 'Positive Choice," 'SOS	6 Es 0939 unID 6/7 Es	91

	88.5	Radio Network' Guatemala, Guatemala City, 'La Picosa" slogan by male DJ, salsa/popular mx, phone
unID ??	88.7 89.3	# for requests 77, salsa mx, "Globo FM" El Salvador, San Salvador, "Cool FM," pop-Lam mx, ment of "Costa al Sol," many ads.
)??	89.7	promo for "Pack Paradise" hotel Guatemala, Guatemala City, 'Emisoras Unidas," slogan "La super cadena de
??	89.7	Emisoras de Guatemala El Salvador, San Salvador, 'Estereo Club" slogan by male DJ in SS, LAm/salsa mx (x-Radio Vida?)
??	92.1	Universidad de San Carts, female announcer in SS
??	91.7t	w/remote, many mentions of "Los Hondurenos" El Salvador, San Salvador,
unID unID	93.5 93.9	salsa/LAm mx ?? ??, salsa mx, "Celia Cruz' ?? ??, SS hip-hop, SS male DJ
KALQ ??	93.5 93.7	w/phone # CO Alamosa, traditional k, El Salvador, San Salvador, 'Tu radio es mia," romantica mx
unID	90.5	????, male in SS w/medical
77	89.3	info Guatemala, Guatemala City, Radio Estrella, LAm popular
??	93.3	Music El Salvador, San Salvador, Globo FM, SS male doctor
KRDO	95.1	w/biological talk CO Colorado Springs, slogan 'Colorado's Peak 95.1'
KKCS	101.9	CO Colorado S Peak 95.1 CO Colorado Springs, 'KCS the Moose," promo for the 'Electric Barnyard festival featuring Merle Haggard
77	100.7 98.9	featuring Merle Haggard ?? ??, SS male DX. time check Guatemala, Guatemala City, ad in SS for "Learning Guitar CD"
??	94.1	Guatemala, Guatemala City, "94 FM La Marco,' promo
a Smi	th - V	V9WI -
i Old C Isant V	larks lew,	ville Pike - TN 37146-8098 m - www.w9wi.com -
		onth, not bad!
		- ,
KTEP	88.5	TX EI Paso, call ID, other Et Paso's in on 92.3, 93.1, 93.9 and 94.7
; unID 3	91.9	77 77, Mexico

0919 KTEP 0919 KOFX	88.5 92.3	TX EI Paso TX El Paso, "5426 N. Mesa, 880-9292"	1147 KXPKt 96. 1150 KOCY 96.	5 COI	note 5 Evergreen, SS Pueblo, local ad Pueblo, "Magic FM," local
6/9 Es 2338 KLNDt	89.5	NO ??, native mx, MUF 95.3	KKMG 98.9 KQMT 99.9	~~	ads Denver, event in Golden
<u>6/11 Es</u> 0830 KTEP	88.5	TX EI Paso (this getting boring?)	KVUU 99.9	-	(previously heard as KVOD) Pueblo, same ad as
0830 KWNM 0830 KTSM	105.5 99.9	NM Hurley, RIDS ID TX EI Paso	1158 KRMR 107	.3 CO	KCCY Hayden, "Grandma's Towing, serving all of
<u>6/12 Tr</u> 1115 KPPL <u>6/20 Es</u>	92.5	MO Poplar Bluff, local ad	1200 KVOD 90.	1 CO	northwest Colorado" Denver, legal ID
1025 CJET	92.3	ON Smiths Falls,	1202 KRAI 93.		Craig, IDw/Steamboat Springs
1030 CIHT	89.9	"ottawajobshop.com" ON Ottawa, phone # &'Hat 89.5'	1210 KRKS 94. 1213 IDN 95.		Lafayette, preacher Hayden, "K-1-D-N The
		unIDs on 92.5 (reggae) & 93.7 (FF stereo)	KKCS 101	.9 CO	Mountain!" ID, see Note 6 Colorado Springs, Fort Carson event
1030 unID 6/22 Es & Tr	90.1 94.1	?? ??, CBC talk (poss Sudbury)	KSNO 103	.9 CO	Snowmass Mall, info on
1330 KMXJ KENW KWES		TX Amarillo, local wx NM Portales, RDS "KENW" NM Ruidoso, "Country K-Wes"			jazz festival at Aspen District Theatre
KGRW	94.7	TX Friona, "Atencion Dumas," and ad for driver training	1219 KKLI 10		Widefield, ad for Phil Long Hyundai
WRJB	95.9	school in Cactus TX Camden, McKenzie ad,	1229 KYTI 93.	~~	Sheridan, 'Sheridan's Coyote KYTI"
KURB		See Note 1 AR Little Rock, Jacksonville AR	1234 KJYE 92		Grand Junction, Mesa Mall ad
KEFH	99.3	Ad TX Clarendon, "Suna Auto	1239 KYGO 98		Denver, "Rockies Auto, 63'° & Federal," call ID
KIXC	100.9	Mall, Hwy 287 East" TX Quanah, *serving Quanah	1255 KTUN 10	1.5 00	Eagle, Vail & Summit county ads, @1314"101-5, 95-3 KTUN, the Eagle"
KABF	88.3	and surrounding area" AR Little Rock local PSA /93.1/93.9/94.7/98.3/99.1/99.9	1258 KPRE 89	9 CO	Vail, 'This is Colorado Public Radio," weak
(see Note 2)	2 02.0	33, 110, 010 1, 1100, 0100, 1100, 0	6/27 EstTr	4 TN	
<u>6/24 Tr/Es</u> 0630 WTI	103.9	KY Louisville, local community	0800 WHRK 97. 1121 KSEL 95 1123 KCLV 99	.3 NM	Memphis, Note 8 Portales, local ads Clovis. local ad
0630 WLSK	100.9	event KY Lebanon, Marion County PSA	1123 KCEV 95 1124 KTQM 99		Clovis, local ad, "99.9 KTQM"
0709 WTHX 1120 XHMU	107.3		1134 KRTN 93 7/3 Es	.9 NM	Raton, see Note 7
1230 KMSX 1230 XHOX	94.9 95.3	Tampico" AR Maumelle, "mb(949fm.com" TM Tampico, ad for'EI Sol del	0949 KLNE 88 0949 <u>RNE</u> 91		Lexington, RDS "KLNE North Platte, RDS "KPNE," above 2 parallels with
1233 KSSN	95.7	Tampico" newspaper & calls AR Little Rock local talk	0949 KHNEt 89	1 NE	Hastings, parallel to above
1235 XHRW 1330 XHPPt	93.3	TM Tampico, local ad VC Panuco?, Tampico ads, calls sounded like'XHF"	0958 unit: 88 1000 KLNVR 91		but too weak for RIDS ??, see Note 9 'Laramie, "Wyoming Public
station on 93		9.7, 91.7 (nx), 92.3, a second and 94.5.	1014 KTBGt 90	.9 MC	Radio" and 'uwyo.edu") Warrensburg, "The Bridge, adult aftemative my, see
6/23 Es 1120 KNAU	88.7	AZ Flagstaff, ID			adult aftemative mx, see Note 10 McCook ads for "Coyote
<u>6/26 Es</u> 1134 KBCO	97.3	CO Boulder, RDS ID, see Note 3	1025 K WAN 93	.9 11	Country 105.3" (KIOD), J&M Guttering of Selden KS, and
1134 KKFM 1140 KYZX	98.1 103.9	CO Pueblo, call ID CO Pueblo West, 'The Eagle"	1027 KURD 99		a Mc ook business Windsor, Fort Collins ad
1141 KVAY	105.7	CO Lamar, "The KVAY Freedom Fest			McCook "Lewis Motorsports in McCooK'
1142 KNKN		CO Pueblo, local ad in SS, see Note 4		0.7 WY 3.5 CC	(Cheyenne, sung ID) Denver, 'Colorado 12-in-a- row, calls
1143 KCME 1145 KJM Nt	88.7 92.1	CO Manitou Springs, call ID CO Castle Rock SS MoR over local WOQK	1111 KBCO 97	7.3 CC) Boulder, '973 KBCO' RIDS, calls
1147 KRDO	95.1	CO Colorado Springs, RDS ID,	1112 KRKSI 94	I.7 CC	D Lafayette, presumed with

igious talk 1115 KEPC 89.7 130 Colorado Springs, calls 1117 KXPK 96.5 CO Evergreen, strong dead carrier, no stereo pilot, definitely via Es 1120 KVUU 99.9 CO Pueblo, local PSA 1123 KKFM 98.1 CO Pueblo, "98-1 KKFM" 1133 KCCY 96.9 CO Pueblo, calls 1136 KTCLt 93.3 CO Fort Collins, modern rock, faded before end of record

Note 1: Semi-local now moved from 98.3

Note 2: Ad on KTSM 99.9: "If you're 35 or above then your King Building will last a lifetime ... " Note 3: "97.3 KBCO" Note 4: Here, not moved to 106.9 yet Note 5: "THE PEAK." radio text "95.1 THE PEAK COLORADO SPRINGS" Note 6: Calls read VERY slowly, loudly and clearly. Twice. Gotta love itNote 7: RDS ID read 'KTRN93.7!" Note 8: INTENSE localized enhancement. First lime I've heard this station since local WRQQ ianed on. Note 9: "This is fade>" Note 10: Seems too dose for Es. but Peter Baskind in Memphis worked St. Louis (about 250 miles) on 50 MHz about the same time-and with a path midpoint similar to that for Pleasant View

⇔ Warrensburg.

Dennis Park Smith -3605 San Remo Drive -Santa Barbara, CA 93105-2523 - (805) 687-7803 - PDT

Report from Wasco CA (northwest of Bakersfield) using a car radio (stereo-FWAM receiver) with vertical whip in a 1993 Ford Taurus wagon.

<u>6/10 Es</u>

0920 KFBNt 88.7 NO Fargo, Gospel mx over a					
		nearby KAWZ txttr			
0920 unID	90.3	?? ??, classical mx			
0945 KSJZt	93.3	?? Jamestown, "Kiss 93.3,"			
		10001D, "4owrWalley			
		City," commercials ment			
		Jamestown, LaMoure,			
		Moure, Marion			

It has been years since I happened to visit Wasco during FM skip (not since 1972), but did this time. On June 9-10, I was in Wasco and caught TV Es both days (see Western TV DX) and FM on June 10. I didn't have a tuner in house connected, so ran out to car radio to hear these. Opening was characterized by rough fading on both TV and FM so could not hear complete sentences.

John Zondlo-4009 Driftwood Circle ukon, OK 73099-CDT-All New

Akai AT-V04 tuner (modified w/2 110 filters), APS-9B antenna w/Channel Master 9521A rotor at 16'

<u>620 Es</u>

	1646 XHUNI	102.5	TN	Ciudad Victoria, Radio Universidad
	1654 XHRK 6/24 Es	95.7	NL	Monterrey, La Sabrosita
	1303 XHMRI	93.7	YU	Merida, nulled semi-local KSPI, ID & stn info
	1324 XHCGT 1349 WGYL	107.5 93.7	GN	Celaya, local nx Vero Beach, KSPI nulled,
				calls
ł	1359 WQCS	88.9	FL	Fort Pierce, local KYLV nulled, also had 2 others
Э				battling for the frequency, calls
	1435 WKYZ 1452 WMKL	101.3 91.7	FL	Key Colony Beach, calls, r Key Largo, semi-local KOSU nulled, "The Call"
<	1454 WSRX	89.5	FL	Naples, "Praise FM"
`	1459 WEOW 1503 CM??	92.7 96.7	FL	Key West, RDS ID
	1			Havana, my first Cuban, in with RDS ID "Rebelde"
	1522 WAVK	105.5	FL	Marathon, overpowering semi-local KWCO, "Wave 105.5"
	1610 CM?? 7/4 Es	90.3	CU	Havana, RDS ID"Progreso"
	1801 XEQR	107.3	OF	Mexico CityID
0	1805 XHTOM 1821 XHMAX			San Martin Texmelucan,
h	<u>7/5 Es</u>			"Stereo Max"
	2142 XHMA			Guadalajara, "Exa FM"
	2204 XHVJL	91.9	JA I	Puerto Vallarta, EE & SS, tribute to Barry White
	7/7_Es 1844 WLOQ	103.1	FL	Winter Park, smooth j,
		101 7	<u> </u>	RDS ID'WLOQ" Albany, "Q-101"
	8/Es			
	2115 XHMMF 2217 KDES	92.3 104.7	BCI CA I	N Mexicali Palm Springs, calls
i),	7/9 Es			
	2101 WSDL	90.7	MO	rone, "The Revolution" Ocean City, calls, wx
	2116 WKRZ 7/12 Es	98.5	PA	Wilkes-Barrye, "KRZ'
	1814 WGPH 1900 WABR	91.5 91.1	GA	Vidalia, RDS ID WGPH" Tifton. Georgia Public
				Radio
	1905 WMXZ 1934 KENZ	103.1 107.5		/alparaiso, Rick Dees Drem, spot for Granite Credit Union
	1959 KDZY			lcCall,//KBXL
	2003 KWEI 2040 KNLR	99.5 97.5		Fruitland, SS Bend
	2053 KXLT 2053 KYYT	107.9	ID I	Eagle
			Hoo	Goldendale, spot for d River Foal Bend, "The Twins," on the
e	2118 KTWS	98.3		
	2127 KSJJ 2128 KLRR	102.9 101.7	or Or i	Internet at metwins.com Redmond, promo Redmond, "Clear 101-7"
	2143 KFLY	101.5	Uκ	COrvailis, K-FV
	2148 KHJQ	92.3	UА	Susanvife, spot for concert in Susanville
	<u>7/19 Tr</u> 2202 KUTT	99.5		Fairbury, NASCAR race
	2313 KLIO	94.5	NE	promo Hastings, 'The Breeze' <u>Beatrice_*The Facle"</u>
	2318 KTGL Thanks to a	<u>92.9</u> all who	NE sent	Beatrice *The Eacle" t along their reports this time
	around!			ing here this year, with far less
	2	wieupi		

DX has been disappointing here this year, with far less Es than I would have expected. **Hopefully we'll see** a lot of last season Es this month. See y'all in Septemberl

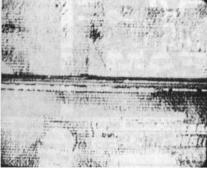


Jeff Kruszka, Editor 5024 S. Braxton Ave. Baton Rouge, LA 70817 kruszka@beilsouth.net

August 2003

Sorry for the poor quality of the photos last month. It seems we had a little unplanned change at the printer's. Hopefully this month is better. If it is, IT repeat some of my less dear photos in another month or so. But for this month, let's hear from Marv Shufts, of Toulon, IL.





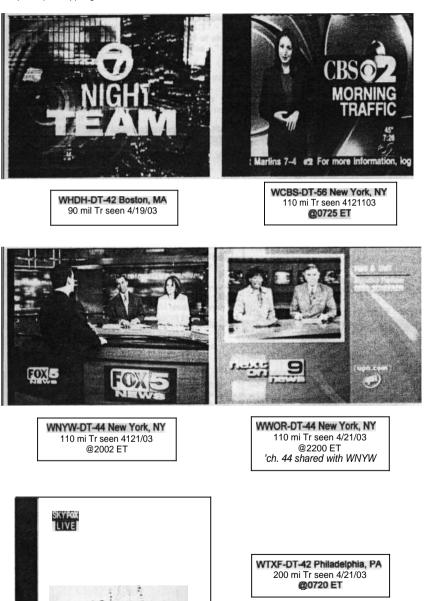
XHIT-4 Chihuahua, CHIH 1254 mi Es seen 5/13/03 @1529 CT "TV Azteca symbol"

KDKA-2 Pittsburgh, PA 518 mi Es seen 520103 @1704 CT



111

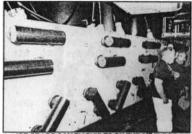
WMAR-2 Baltimore, MD 709 mi Es seen 520/03 @1711 CT WCBS-2 New York, NY 829 rni Es seen 520103 @1714 CT And now some DTV photos from our publisher, Mike Bugai of Enfield, CT. <u>Equipment</u>: Sanyo 13" color set, Antennacraft 5 foot parabolic, Winegard 5030, CM-777 UHF preamp, Hauppauge DTV card.





It's a wrap! Thanks to everyone who turned out in western New York and southern Ontario for WTFDA's first two-nation convention, held July 10-13, 2003 in Toronto, Buffalo, Batavia and Rochesterl Attendees. for all or part of the weekend, included: John Adams (OR), Jerry Bond (NY), Mike and Evelyn BugaJ (CT), Saul Chemos (ON), Grea Conialio (NY), Bill Eckbera (IL), Guy Falsetti (NY), Scott Fybush (NY), Joe Gragg (TX), Bill Grant (MA), George Greene (OH), Bruce Hall (ON), Jerry Hart (NY), 'Harry Hayes (PA), Clarke Ingram (PA), Dave Janowlak (WI), Tim Katlic (NY), Neil Kazaross (IL), Mike Lapinski (NY). Rick Lucas (NY), Brian May (CT), Jerry Monroe (NY), Dave Neiman (NY), Wayne Plunkett (ON), Mike Reid (ON), Jim Renfrew (NY). Bob Seaman (PA). Bob Sevbold (NY). Mary Shults (IL). David Sinclair (BC), Bob Smolarek (NJ), Nolan Stephany (NY), Niel Wolfish (ON), Garrett Wollman (MA) and Tom Yingling (MD).

The convention kicked off a day early, across the border, as a dozen or so lucky WTFDA'ers took advantage of a rare opportunity to tour the broadcast facilities in the CN Tower (special thanks to Saul Chemos for arranging the tour, and to Tom Ferguson of AZCAR for welcoming us into his domain on the fifth and sixth floors of the tower!)



JOE GRAGG & MARV SHULTS ON THE 6TH FLOOR

After visiting the CN Tower, the group (accompanied by Mike Reid and Saul Chemos, who met us downstairs) walked over to the CBC Broadcast Centre a block away, where we treated Tom to lunch at the Movenpick restaurant and then enjoyed a tour of the Broadcast Centre itself.

Here our tour guide, Judy, showed us the set of the "Donut Shop" sketch from the popular comedy show Royal Canadian Air Farce. The show buys real donuts for the set (they're cheaper than fake ones and look better on camera), then lets them get stale over the course of the season until they could be used as hockey pucksl

The Broadcast Centre's big TV studios are located on the top of the building; that way they don't have columns running through them, and they're isolated from vibrations below.

After participating in the public tour, which includes the first-floor radio studios, the "National" news studio on the sixth floor and the top-floor TV studios, we had arranged for a special extra visit with engineer Jeff Veils, a senior systems engineer in the CBC's **Droadcast** engineering department. Jeff showed us the fourth-floor CBC TV master control facility, from which every local English-language CBC TV outlet, from St. John's to Vancouver, is controlled. (And special thanks to Christina in the CBC tours department for arranging the visit).

After our CBC tour, it was a long rainy slog through Toronto rush-hour traffic back to the border and then to dinner, where we caught up with other early arrivals and showed down on seafood and steaks at Alex's Place Restaurant in Batavia. (Thanks, Greg Coniglio, for arranging the dinner!)

Friday.

While a few convention attendees stayed behind in the meeting room at the Batavia Days Inn to swap stories and share books full of old QSLs, TV DX pictures and early WTFDA bulletins, about 20 of us trekked 40 minutes west to Buffalo to see some of the broadcast sights of the Queen City. First stop: Entercom's new studio complex in Amherst, home to WGR, WBEN, WWWS, WWKB, WKSE and WTSS, where engineer Dan **Gurzynski showed off the massive warren of** studio and office space. Here, Harry Helms, Saul **Chemos**, Marv Shufts and Dave Janowiak admire the WKSE studio while Froggy jocks the middays.

After the Entercom tour, it was time for lunch at a nearby branch of Ted's Hot Dogs (mmm...), followed by frozen custard (softserve ice cream to some of you) across the street at Anderson's (mmmmm....), and then a little drive through Buffalo and down to Colden ...where transmitter engineer Clint Soemann showed off his rebuilt WIVB-TVIDT site to the group.



From WIVB, we headed west to Wethersfield, Wyoming County, where we were too late to meet up for a tour of the WNSA (107.7) transmitter facility, so it was back to Batavia instead, to set up the convention room and head over to Jim Renfrew's house in nearby Byron for a pleasant evening of pizza, DX and conversation.

SATURDAY With Tim McVey unable to make the trip north for his scheduled tuner clinic, Saturday morning became some free time in our spacious meeting room - and we were delighted to see some additional faces join us for the day! Dave Nieman, host of the last Western New York WTFDA (1998 in Rock City-Olean), showed up for the morning - as did the dean of the region's TV-FM DXers, Bob Seybold himself. Here Bob swaps stories with Joe Gragg and Bill Grant, while Tom Yingling talks to Mike Lapinski and Harry Haves in the background.



BOB SEYBOLD, JOE GRAGG AND BILL GRANT

Around 11, most of the conventiongoers departed for Rochester and a few more station tours. After the Entercom tour and lunch up the street at the Empire Brewing Company, we walked over to WXXI, Rochester's **public** broadcaster, where director of engineering Kent Hatfield showed off the station's newly renovated digital facilities. After the WXXI studios, the group decamped for Pinnacle Hill, home to nearly all the city's TV transmitters and many FMs as well. Eric Melenback graciously welcomed us into his WROC-TV/DT transmitter building,

and then Kent showed us the V=I-TV/FM transmitter building next door.

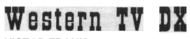
A few hours later, it was time for the annual banquet. The food was great and was followed by a few words from Kent Hatfield, **Director of Engineering at WXXI Rochester**, who discussed the trials and tribulations of converting to DTV.

After Kent's speech, it was door prize time! Jim Renfrew came up with categories (Dave Sinclair came the longest distance, Guy Falsetti the shortest, Bob Seybodd was the **oldest** DXer in the room, Tim Katlic the youngest, and so on), and everyone descended on the table to scoop up all sorts of goodies - amplifiers, traps and whatnot donated by Rich Weriman, tons of Rochester **radio/TV goodies collected by Jery Bond**, and assorted other material that just sort of showed up.





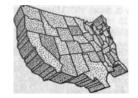
The convention room shut down about 1:30 Sunday morning and reopened a few hours later - just in time to begin cleaning up and heading home (with a few DXers making a side trip to Lockport to patronize Rich Wertman's emporium of DX supplies!) Thanks again to everyone who helped make WTFDA 2003 a reality - and we'll look forward to seeing you all here again over Labor Day 2004 for NRC 2004 (and a month or so earlier at whatever location is chosen to host WTFDA 20041) THANK YOU SCOTT F.1



Jeff Kruszka, 5024 S. Braxton Ave Baton

VICTOR FRANK 12450 SKYLINE BLVD. WOODSIDE, CA 94062-4554 Victor.frank@sri.com

Rouge, LA 70817 June 2003 CT 6 Es 1857 WKYC 3 OH 925 1859 WIVE 4 NY 1095 1928 WSKY 4 NC 970 1957 WUNC 4 NC 790 1958 CIII 6 ON 1230 2001 WUND 2 NC "UNC TV' floating uMBRZ 940 2006 unid CBC 5 7 Es 1030 KDLO 3 SD 1025 1355 unid SS 9 Es 1845 KTFL 4 AZ Family Net1230 1847 KTVK 3 AZ 1245 1900 KPHO 1245 5 AZ KVOA 4 AZ 1175 2027 KENW 3 NM 760 2047 KOB 4 NM 955 2103 KOCT 6 NM 780 2119 KNME 5 NM 955 2125 KOAA 5 CO 940 2223 unid 4 with color barsl Who is this?!? 10 Es 1829 KTVK 3 AZ 1245 1830 KPHO 5 AZ 1245 1832 KTFL 4 AZ 1230 1859 KVOA 4 AZ 1175 11 Es 1813 WFSB 3 CT 1235 1817 WCMH 4 OH 800 1827 WCVB 1385 5 MA 4 MA 1829 WBZ 1385 1900 WIVB 4 NY 1095 2004 WRC 4 DC 985 12 tr 2001 WDBD-DT41 MS 135 13 Es 1820 KDBC 4 TX 910 1840 XEPMt 2 CH KENW 3 NM 760 1921 XHG 4 JAL 1020 14 Es 1500 XHG 4 JAL 1020 1546 WEDU 3 FI 550 1553 WFOR 4 FL 745 1559 WPBT 2 FL floater 745 1954 KLNE 3 NE 860 1957 KLBY 4 KS 845 2009 KSWK 3 KS 760 2029 KWGN 2 CO VB2" floating 1010 15 Es 0935 XHGV 4 VE logo 850 20 Es 1658 XHGV 4 VE 850 1803 KTVK 3 AZ 1245 4 AZ 1810 KTFL 1230 1245 1845 KPHO 5 AZ 1851 KVOA 4 AZ 1175 1855 KDBC 4 TX 910 22 Es 1400 KTIV 4 IA 880 1436 KPRY 4 SD 1080 1524 KIW 5 SD 1180 3 NE 1528 KLNE 860



F 60

000

23 Es 16 19 20 24 Es 16 16 17 17 17 26 Es 21	10 KOAA 00 KEMN 51 VWVAY 52 WCSC 02 WCIV 17 WELT 38 XHG		990 910 940 760 810 680 805 1020 rfish ad 1180
27 Es 193 193 28 Es 163	32 KGAN	2 IA 4 MN	ish ad again 1150 floating 795 995 floater brief
I m watchin especially other chan boost their	when I'm gel nels. It's sta power? I ne	for floaters of ting the sam arting to pay ever got them	n local ch. 2,
Equipment Radio Sha VHF: "Korv	lawk, Omah : UHF: Toshi ck corner refl /etes" brand / built-in whip	ba 36" Ciner ector on the (Toshiba par	
6/21/2003 0330 WCF News Lead comments	EJ 2 TX Fr toted D 9 KS Ha Tr S 25 KS Ju Tr Tr 33 AL Tu ler 33140" sli Moines and K Es L 2 FL Da J 2 AL Da S 2 FL Da	scaloosa, "A de; 723 miles C both stron nytona, NBC ozier, "Alaba	PBS TBN Nabama's ; see g , Icl ads
	hrly seen at		
It was weal no other di the data, it attitude tha Unfortunate	c and unstabl	le (like TrS). vere identifie WCFT is mu ns in the path orms rolled t	d. In looking at ch higher n. hrough

NE 68123 mcsitte	15013 Eureux Circle, Bel I@cox.net x.net/mcsittel/beltvdx.htm	
35', Winegard AP-4 PR-5030 VHF ante remote controlled r	ard PR-9032 UHF antenr 4700 UHFpre-amp., Wine enna at 32', Channel Mas otor, MFC traps for chanr bauge WinTV-D PCI card	gard ter nels 3,
552 tr 0704 KDSD-16	SD Aberdeen	317
station c	IL Peoria IL La Salle, TBN MN Rochester IL Bloomington IL Peoria IA Davenport IA Fort Madison IA Davenport,/118 loes not use a text ID	333 364 274 354 334 289 237 289
	WTVP Digital Television)	334
0804 WEEK-OT-5	57 IL Peoria loes not use a text ID	335
0808 WFTC-29 0808 KSTP-DT-5	MN Minneapolis	309 309
0811 KARE-DT-3		309
0828 KTCI-17	MN St Paul, wx	309
5_/25 Es 1033 WDIQ-2 1038 WESH-2 1043 WSB-2 1132 WCBD-2 1612 WDTV-5 1629 WOAY-4 1710 WTAE-4 1710 WTAE-4 1717 WGRZ-2 1726 WIVB-4 1726 WIVB-4 1726 WTVH-5 1758 WUND-2 5/26 tr	AL Dozier, APT FL Daytona Beach GA Atlanta SC Charleston WV Weston, ad WV Oak Hill, ID PA Pittsburgh, nx OH Cleveland, nx NY Buffalo, nx NY Buffalo, nx NY Buffalo, nx NY Syracuse, nx NC Columbia, UNC-TV	
0922 KCPT-OT-1	(ST. JOSEPH MISSOUF 8 MO Kansas City	109
/ 6 Es 0937 XEFB-2	(KCPT 19) NL Monterrey, nx	1096
528 tr 0649 KPNE-9 0706 KMSP-9 0740 KPTH-DT-49 Text ID:(I 0740 29/45	NE North Platte MN Minneapolis, Fox9	273 311 105
5/30 Es 0648 WFMY-2 0702 WKTV-2 0725 WIVB-4 0725 WGRZ-2 0727 WCVB-5 0728 WTVH-5 0728 WTVH-5 0755 CI 112-2 0759 WPTZ-5	NC Greensboro, logo NY Utica, (315) AC NY Buffalo, nx NY Buffalo, nx MA Boston, logo LL NY Syracuse, nx ON Bancroft. Global NY North Pole, ID	941 1083 896 899 1273 1024 982 1150

2/2 Es 1127 WESH-2	EL Davtona Boach	1176
1329 WDIQ-2	FL Daytona Beach AL Dozier, APT	846
1358 WCBD-2	SC Charleston	1056
6/4 Es		
0933 unID-2	"El Canal de las Estrel	as"
0938 KGBT4	TX Harlingen, Team4	1039
§/6 Es	NO One enclose	941
1500 WFMY-2	NC Greensboro	941
6/7 Es 0929 unIDs-2, 4	SS	
619 Es		
1900 FM into Mex	kico, but no TV IDs	
<u>6/10 Es</u>		
0026 WRC-4	DC Washington NC Columbia	1007
0033 WUND-2 0055 WUNC-4		1116 991
0100 WSKY-4	NC Chapel Hill NC Manteo,Sky 4 ID	1136
0926 KUTV-2	UT Salt Lake City	849
0942 KTVX-4	UT Salt Lake City	850
0945 KSL-5	UT Salt Lake City	851
1000 KTVN-2	NV Reno, ID	1260
1248 KTFL-4	AZ Flagstaff, FN	947 896
1459 WIVB-4 1528 Cl 112-2	NY Buffalo, ID ON Bancroft, Global	982
1529 CHRO-5	ON Pembroke, "RO"	994
1529 unID-2	FF, SRC ID	
1548 CFCM-4	PQ Quebec, TV	1284
1559 KDKA-2	PA Pittsburgh, nx	833
1922 WGRZ-2 2059 unID-2	NY Buffalo, ID FF	899
6/11 Es	ГГ	
0900 unIDs-2 EE	infomercial, 4 SS	
1753 WMAR-2		1023
1800 WRC-4	DC Washington	1007
1920 C1112-2	ON Bancroft, Global	982
1920 C11144	ON Owen Sound	994
6/11 tr 2208 KCWF-DT-	31 MO Kansas City	158
	does not use a text ID	100
6112 Es		
716 WDIQ-2	AL Dozier, APT	846
1718 WESH-2	FL Daytona Beach	1176
1725 WCBD-2 11 tr	SC Charleston	1056
1742 KHNE-DT-	28 NF Hastings	115
	: (KHNE-DT)	
6/13 Es	. ,	
1927 KVVU-5	NV Henderson, ad	1088
1959 KBEJ-2	TX Fredericksburg	773
2041 KNAZ-2 2110 DTV sync Ic	AZ Flagstaff, ad ock on ch 2 KVBC-DT?	947
6/14 tr		
	19 NE Grand island	141
Text ID:(H	TVG DIGITAL TELEVIS	ION)
6114 Es		0 4 0
1640 un10-2	CBC to northwest CK	SA? 850
1916 KTVX-4 1919 KSL-5	UT Salt Lake City	851
1928 KTVN-2	UT Salt Lake City NV Reno, local ad	1260
2052 KVVU-5	NV Henderson, Fox	
2056 KRNV4	NV Reno, local ad	1259
2219 XEPM-2	CH Ciudad Juarez	874
2254 KNAZ-2	AZ Flagstaff, PSA	947
6/16 tr 0659 KDSD-16	SD Aberdeen, SDPI	B 317
6/18 tr	OD ADEIGEEII, ODFI	
	52 IA Cedar Rapids	226
station	does not use a text ID	
2100 KPXR-DT-	47 IA Cedar Rapids): (KPXR-DT)	225
Text IL	. (NFAR-UI)	

6/19 tr 0314 KTKA-DT- Text ID:((KTKA DIGITAL TELEVISI	143 ON)
0317 WIBW-D7	-44 KS Topeka (WIBW-DT)	144
0323 KGIN-DT-3 Text ID: ((KGIN-DT) (KGIN-DT)	155
6/19 Es 1858 WESH-2 1905 CFAP-2 2158 KREM-2 6/20 Es	FL Daytona Beach PQ Quebec, TQS WA Spokane,nx promo	1176 1286 1144
1320 WUNC-4 1324 WUND-2 1359 WSKY-4 1359 WOAY-4 1428 WTTG-5 1717 CI112-2 1729 CIII44	NC Chapel Hill NC Columbia, /NVUN NC Manteo, Sky 4 WV Oak Hill, ID DC Washington, Fox ON Bancroft, Global ON Owen Sound d Mexico unIDs-2,4,5	816
1331 WESH-2 1400 WDIQ-2 1410 VWVL-4 1429 WKRG-5 625 Es	FL Daytona Beach AL Dozier LA New Orleans, ID AL Mobile	1176 846 841 850
251 KREM-2 2059 KXLF-4 2126 KAID-4 2131 KUTV-2	WA Spokane, logo MT Butte, ID ID Boise, ID logo UT Salt Lake City	1144 893 1044 849
0729 KVVCV-33 6/26 Es	KS Wichita	244
2046 KPRC-2 2049 KBEJ-2 2126 KDFW-4t	TX Houston, ad TX Fredericksburg TX Dallas, nx	797 773
2202 KGBT-4 2202 KRGV-5	TX Harlingen, news TX Weslaco, news	1039 1038
0306 KSTP-DT- 0315 WCCO-DT-	32 MN Minneapolis	309 309 309
033029/45	xt ID: (WCCO-DT) MN Minneapolis	309
6/27 Es 1848 WESH-2 1929 WMAB-2 1934 WDIQ-2	FL Daytona Beach MS Mississippi St. AL Dozier, APT	1176 6.52 846
	skip in June. I'm hoping fo p in July. TV log total is n s. 73s Matt.	
	th, 3605 San Remo Drive 05-2523 (805)687-7803	, Santa
San Diego/Tijuana entire month, but very high most of	June 2003. Southem-CA a. up to 200mLG20km) exi the inversion layer bounda the time (3,000+ ft) which good conditions at my lov	sted the ary was
June 4 aft-11 eve June 11 eve-25 a Inversion I	Variably poor (high inversi : Out of Town lay m: Poor (Continuing high ayer) ir, improving (low inversior od laver)	er)

June 30 eve: Fair

Wasco Report On the days I was out of town, I was here and there around the state, including Wasco on June 9 there around the state, including Wasco on June 9 and 10 where there was some DX to be seen. I hadn't hit a really good Es opening in occasional visits to Wasco in years, and finally did, including the first new skipper identified since 1972. Even with a lot of rough fading, the June 10 session was the best seen in a long time.

0957	0-1150 (MUF channel 5) WOAI 4 TX San Antonio	1320
1835-1	2-5. All Spanish, no Ids 837 (Ch. 2 only, Spanish) 5-1255 (MUF FM 93.9)(See So Fl	M DX)
0730	KOAA 5 CO Pueblo	860
	t News Ch 5/30, KOAA") ⊻.5 SD Lead 1070	
	tioned 'Rapid City'	
0739	KSNB 4 NE Superior Fox4&1	7 1200
0755	KOTA 3 SD Rapid City	1070
0756	KTWO 2 WY Casper	860
K2 V	Vyoming News Break	
0816	KHAS 5 NE Hastings	1230
D in	frame bar during pgm	
0819	KNOP 2 NE North Platte	1100
//KH/	AS-5-Martha Steward Living	
0859	KTIV 4 IA Sioux City KIVV 5 again ('Western SD)	1360
0909		
1010	KFYR 5 ND Bismark	1225
1100	nent wx Minot & Dickinson "KSFY 4 ABC North Dakota" t was and I may have heard it inc KUSDt 2 SD Vermillion PBS.	

William Eckberg, 1032 Sterling Rd., Dixon. IL 61021

Dennis

Best of DX to All.

_	<u>ne 2(</u>			
4	Es	1010 XHCH 1015 Won	2 CI 2 AL	1305
		1040 WPBT	2 AL 2 FL	727 1229
		1140 WBRZ	2 L A	784
		1215 XHPN	3 CL	1100
~	_	1305 KACB	3 TX	933
6	Es	1010 WPBT WEDU	2 FL 3 FL	1229 1031
		XEFB	2 NIL	1282
		1115 WFOR	4 FL	1229
		1120 Kill	3 TX	1072
		1200 WGRZ 1205 VWVL	2 LA 4 LA	784 813
		1205 WESH	2 FL	983
		1240 WEAR	3 FL	792
		WDIQ	2 AL	727
		1255 WKRG	5 AL	752
7	Fe	1320 WUND 1000 WESH	2 NC 2 FL	797 983
'	L3	1130 KMID	2 TX	967
9	Es	2115 XEFB	2 NL	1282
		2240 KASA	2 NM	972
		2245 KNME 2250 KWGN	5 NM 2 CO	1026 811
		2300 KOAA	5 00	828

10 Es	2315 KREG 2320 KTWO 2350 KUTV 0750 WPBT 0800 WESH 0830 WMAR 0835 WFMY 0900 Kill WFOR	3 CO 2 WY 2 UT 2 FL 2 FL 2 MD 2 NC 3 TX 4 FL	933 849 1139 1229 983 677 641 1072 1229	KACB 3 TX 933 27 Es 2145 KMID 2 TX 967 0930 XEFB 2 NL 1282 1100 KPRC 2 TX 893 KIII 3 TX 1072 1125 KENS 5 TX 992 1130 KBEJ 2 TX 952 2100 KENN 3 NM 912
	0910 WEDU	3 FL	1031	The AM of June 24 and 25 saw tropo to the
	0925 KUTV	2 UT	1139	southeast to 600 mi. The eastern half of the
	0930 KSL	5 UT	1139	country was under a stagnant air mass. Ashville-33
	1015 KBEJ	2 TX	952	was in for hours mostly snowfree.
	1125 WJXT	4 FL	895	Skip was abundant. A notable opening was
	1130 WWWAY	3 NC	800	from 1030 to 1400 on June 24. Only Cuban and
	1205 KENS	5 TX	992	Yucatan Peninsula stations were seen with Miami-4
	1215 KASA	2 NM	972	the exception. I was unable to identify many
	1240 KNAZ	2 AZ	1258	positively. Cancun and Merida low band channels
	1340 WCBS	2 NY	792	were all likely seen. A Cuban Phillips T.P. was
	1400 WFSB	3 CT	842	seen on ch. 5. Cuban programming undoubtedly
	1410 WGBH	2 MA	918	was seen the same time on ch. 2. Few stations
11 Es	1500 WCAX 2125 KMID 0650 WPBT	3 VT 2 TX 2 FL	821 967 1229 1072	were seen as slip was coming exclusively from an area covered by water. Conditions were prime for 2E. Strong CB were seen from 1040 to 1100 on
	0830 Kill	3 TX	1072	ch. 4 with no ID. Pix were taken. I'm told Cancun
	KPRC	2 TX	893	and Merida were on the air. Only two Mexican-4
	0835 WWL	4 LA	813	stations—excluding Yucatan—have been seen and
	1100 XEFB	2 NL	1282	only once. Rock Island-4 blocks them. Signal was
	1805 WEDU WJXT WESH	3 FL 4 FL 12 FL	1031 895 983	-4 using USC/B? Was it 2E? I have no converter, but strong indications of
12 Es	1845 WFOR	4 FL	1229	HDTV skip has been seen numerous times.
	1330 WEDU	3 FL	1031	Namely on chs 2 and 4 to the south, ch. 2 to the
	1400 WESH	2 FL	983	west, and ch. 4 to the east. HDTV signals from
24 tr	WJXT	4 FL	895	Chicago 3 and Kalamazoo-2 have blocked Es to
	2310 KTVQ	2 MT	968	the NE. Few chs are open on UHF for tropo here.
	0100 WUNF	33 NC	558	HDTV signals are dominant. The hobby, as I knew
	0130 WDSI WTCI	33 AL 61 TN 45 TN 67 OH	593 512 512 417	it, is coming to an end. Frank Aden, N7SOK Boise ID
	0135 WOAC 0145 WUXP 0205 WPXA	30 TN 14 GA	417 408 562	June 25 2003
	0215 WPXK	54 TN	451	had very intense Es with MUF up to ch. 5, KSMN
	0220 WZDX	54 AL	503	ch. 3 KS and KLNE NE fighting
	0450 WIAT 0455 WLFG	42 AL 68 VA	582 487	it out most of the time. Died off by 1 pm.
Es	1105 [CRT WFOR 1335 <u>XHMEM</u>	5 Cuba 4 FL <u>4</u> YU Merida	1347 1229 1446	<u>البالية</u> 2034 PDT Intense Es, KFDX ch. 3 and probably KOCO ch. 5
25 tr	0535 WCF1	33 AL	593	July 9 1824 PDT
	0540 WOAC	67 OH	417	Very intense Es going on right now with MUF hitting
	0545 WUNF	33 NC	558	ch. 5 off and on
Es	0600 WFLG 0845 XHCH 1145 XEFB	68 VA 2 CI 2 NL .	487 1305 1282	Mike Cherry, VE76KA Salt Spring Is., BC Mike Cherry, mcherry@satspring.com
	1900 KIDK	3 ID	1123	<u>July 2003</u>
	1920 KTVQ	2 MT	968	9 És 0134 KREG 3 CO
	2000 KASA	2 NM	972	0158 KTWO 2 WY
26 Es	0940 WPBT	2 FL	1229	0230 KTVK 3 AZ
	1045 KPRC	2 TX	893	0231 KNAZ 2 AZ
	1050 XEFB	2 NL	1282	0231 -0309 MUF88 mHz+
	1100 XEJ	5 CH	1162	2333 KTVK 3 AZ
	KENW	3 NM	912	12 Es 2029 KASA 2 NM 165°
	1125 KACB	3 TX	933	13 Es 0127 KTVK 3 AZ 155°
	1200 KENS 1300 KIDK 1315 KREX	5 TX 3 ID 5 CO	992 1123 1006	0129 KNAZ 4 AZ 1551
	1420 KASA 1500 KUTV	2 NM 2 UT	972 1139 1201	Kevin Mesa, Arizona
	1935 XHHUPN 1950 XHPN 2040 XHCH 2130 KFDX	2 TM 3 CL 2 CI 3 TX	1201 1100 1305 729	Equipment: 13" Magnavox color TV, CM 3032 amp and VU- 190XR antenna:

strong signal and Caroline and Rhea sh have a bit of an enigma. Who is a floate background with an ID on the screen for	now. Also er in the
Morris Sorensen, Winnipeg MB	
Equipment: 1983 RCA b&w portable wi era Channel Master indoor antenna	th 1959s
June 2003 CDT 14 Es 1927 KASA 2 NM Santa Fe 20 Es 1200 WET P 2 TN Sneedville Eastern TN Public TV NEWI	1078 1156
<u>July 2003</u> 2 Tr 0759 KGFE 2 ND Grand Forks 0800 <u>CKYB 4</u> MB Brandon 1010 CKX 5 MB Brandon	137 126 26
Jeff Kadet, K1 MOD, Box 20, Macomb, (309)833-1809 jkadet@macomb.com	IL 61455
<u>June</u> 003 CDT 16 Es 0815 WPBT-2 FL	
WEDU-3 FL 0830 Mex-2 0850 XHPN-3 CL 0900 XHCCN-4 QU 0920 XEW Net-4 0930 Azteca7-2 Mex-6	1355
0955 XEFB-2 NL 17 Es 0455 2 Mexicans-2 XEW Net-3	
18 Es 1150 KPRC-2 TX 19 Es 1051 WESH-2 FL WPBT-2 FL 1055 Cuba-3z	
WFOR-4 FL WEDU-3 FL 1800 WUND-2 NC 1828 FFC-2 FFC-4	
1833 WEDU-3 FL 1855 FFC-2 // FFC-3 KASA-2 NM	
1937 WWL-4 LA 1942 KOB-4 NM 1945 WDIQ-2 AL 1955 KWSE-4 ND KBME-3 ND	
Sask-5 2000 CBC-4 CBC-3 2009 FFC-3	
2044 Global-2 KSRE-6 ND Sask ads-4,5 2104 CFQC2-6 SK	
CKCK-2 SK 2148 KHMT-4 MT 2200 CFQC-3 SK 2240 Mex-2	
20 Es 0050 KWGN-2 CO 0720 CKCK-2 SK 0900 WGBH-2 MA 0930 WFSB-3 CT	
1050 WLNE-6 RI WCSH-6 ME (rare as hech only 2nd time) WEZ-4 MA WCVB-5 MA	-maybe 1047

June 30 0925 KWGN 2 CO, Denver with very

	1400 WKTV-2	NY	
	FFC-4 1121 WLBZ-2	ME	
	CBHT-3 1130 WCAX-3	NS VT	1399
	CBC EE-4 1640 Mex-2 thru	4 6 for over 2 hours	but sigs
	very cnop 1657 XEFB-2	py NL	-
	Azteca7-6 1757 Azteca7-2		
21 tr	1804 Aztecal3- 0400 Got a text	t ID out of WVTV-D	[-61 in
	Milwauke 0803 <u>WPNE-DT</u>	e (WViV Digital TV) -42 Green Bay, WI) 311
22 tr	0720 KMIZ-DT-2	(WPNE-SD) 22 Columbia, MO	153
	Program 1 Program 2	(KMIZ-DT) 2 (KQFX-DT) has a '	'Fox 11"
	buglower		
	No Text ID 1030 WPBT-2	FL	
	1100 WUND-2 WESH-2		
	1245 WUNC-4 WCBD-2	NC	
	1355 WBRZ-2		
	KENS-5 FOX-4		
	KIII-3 TX 1402 XET-6	NL	
		D upper left for 2 sec TX	conds)
	2030 KMID-2	TX -36 Cookeville, TN	359
23 tr	0337 WYCC-DT 1100 WSKY-4	-21 Chicago	188
	WCBD-2 1115 WUND-2	SC	
	1130 WTKR-3 1155 WFSB-3	VA	
	1210 WPSX-3 1300 WHSV-3	PA	642
	1420 WRC-4	DC	654
	1900 Azteca7-2 2009 WPXA-DT- 2015 WRXX DT	21 GA 50 TN Crossville	523 435
	(WBXX-DT	-)	
	2000 <u>WSTR-DT-</u> (WSTR Dig	4 Bloomington, IN 33 Cincinnati, OH	240 341
	WCET-DT	34 Cincinnai, OH WCET High Defini	341
	Program 2	(WCET 48)	liony
	Program 4	(WCET Kids) WET You)	
	WLKY-DT-	(WCET Plus) 26 Louisville, KY	296
24 Es	0940 Cuba TP-3		
	WPBT-2 I WFOR-4	FL	
	1000 Cuban TP- WEDU-3 F	L	
	WESH-2 FI 1020 CB TP-4z (Cuba)	
	ch. 4 Cuba ston	1130 with Cubavis 1130 with Televis	
	Canal Educ XHGC5-4		40.40
	1030 XHMEN-4 1128 XEW-3	YU	1348

1206 whisps of Es on ch. 7z (see note #1) XHY-2 YU 134 1755 WESH-2 FL 2345 <u>WNIN-DT-12</u> Evansville, IN 24 Program 1 (WNIN High Definition) 1348 244 Program 2 (WNIN TV 9) 25 tr 0007 WKZT-DT-43 Elizabethtown, KY 322 Program 1 (KET 1) Program 2 (KET 2) Program 3 (KET 4) 0023 WCMH-DT-14 Columbus, OH 405 WCMH-DT) 0045 48+ s. of Louisville ind. rel 0155 WTVO-DT-40 Lexington, KY 276 Program 1 (WTVQ-HDTV) Program 2 (WTVQSDTV) 0233 WPTD-DT-58 Dayton, OH 344 Program 1 (WPTD Digital TV) Program 2 (Think TV DTV Kids Programming) Program 3 (Think TV, PBSXD 24 hour delayed programming) Program 4 (Think TV, Ch. 14 programming) Program 5 (Think TV High Definition Programming) 0440 WCIU-DT-2Z Chicago 188 Program 1 (WCIU-TV Chicago) Program 2 (WFBT / McTV) 0503 WHME-DT-48 South Bend, IN 240 (WHME Digital) 0314 WIVT-34 Binghamton (773) and WSYT-68 Syracuse (765) were in this am. If the channel 42 PBS DTV in Binghamton is on the air. WNDU-DT ruined any chance of getting it Es 0935 Mex-6 0955 KBTX-3 TX KIDY-6 TX "Fox 10" 26 Es 0845 WESH-2 FL WPBT-2 FL 0856 WPTV-5 FL 1045 Cuba TP-3 XHMEN-4 YU XHY-2 YU 1044 KTVQ-2 MT 1110 KOAA-5 CO KOCT-6 NM in for 2+ hours 1120 XEJ-5 KNME-5 NM KUSA-9 on ch. 4!I My first xftr by Es. There are four KUSAs on ch. 4. they are all west of Denver and within 45 miles of each other. Crested Butte, Etc., K04GS (874 mi) 2977' 14w; directional ant puts 740w to the east fits the best 1200 KIDY-6 TX "Fox 10" KENW-3 NM ТΧ 1230 KACV-2 0120 KOB-4 NM AZ 1400 KTFL-4 1415 KLEW-3 D Ultra rare 1381 1425 KUTV-2 UT AT 1344 1500 CICT-2 2030 Mex-2 2045 KWAB-4 KACB-3 TX TX 2100 KMID-2 ΤX XEJ-5 2125 KIDY-6 ТΧ 2130 KFDX-3 TX 627 2223 UPN-2 2300 XHPN-3 27 Es 1045 KPRC-2 TΧ 1100 KIII-3 TΧ 28 Es 0824 KPRC-2 TX

29 Es	0940 KNAZ-2 0835 KDBC-4	AZ TX	
	Mex-2 0900 KEMW-3 1937 WPBT-2 2010 WBRZ-2	NM FL LA	
<u>July 2</u> 1 És	0025 KMID-2 0100 Mex-2	ТΧ	
2 Es	1630 XEPM-2 XHPN-3 0830 Mex-2 1200 WBRZ-2	LA	
0 F	1217 KGBT-4 1300 KIII-3 1330 XHHUPN-2		
3 Es	0105 WGBH-2 0120 WTJR-DT- 0125 KCTV-DT- 0902 WJBF-6	32	689
	WCIV-4 WJXT-4	SC FL	
	WESH-2 WEDU-3		468
	WKMG-6 0936 WBRC-6 0956 WCTV-6 1000 WPTV-5	AL FL	526
	WUFT-5 I 1030 KDFW-4	FL	646
	KXAS-5 1045 KTBS-3	TX LA	646 566
	1100 WOAI-4	TX TX TX TX	
	1125 KBEJ-2	TX TX	
	KDTN-2 XHPN-3	ТХ	613
	1150 Mex-6 KFDX-3 1310 KMID-2	TX TX	627
	1920 WUNG2 I		
	1931 WFMY-2 WPBT-2	NC FL	668
	1950 VWVAY-3 WEDU-3	FL	
	WESH-2 1955 WUFT-5 WPTV-5		
4 Es		Cozumel XEW	1396
	1255 WFSB-3 (WCBS-2	CT NY	
	WBZ-4 1745 Mex-2 1810 XHCCN-4	MA	
5 tr	1830 XHMEN-4 0805 WOPT-DT-	23	
0 0	1430 Mex 2-6	TX	
	XEFB-2	тх	
7 Es	1534 XHBQ-3 1020 WEDU-3		1408
	WEDU-3		
	1100 Cuba TP-3	TX round	
	Cuba TP-4 1145 KUTV-2	UT	

1222 KREG-3 KREX-5 CO KFQX-4 CO 1305 KRTV-3 MT 1600 WTVJ-4 FL WPBT-2 FL WEDU-3 FL 1603 WESH-2 FL WPTV-5 FL 1725 CubaA TP 1755 Cuba-2+ newscast with a bug in lower r never seen before. (NEW?) The bug sort of looked like a combination of "VT". I think I need this. Only Cuban seen on ch. 2 has been Havana which is z offset I think (anyone know for sure?). Not other Cubans were in at the time. 1800 Max 2A 1808 XHCCN-0 1814 'XHCOQ-3' muf ch. 6 to Mex. 1825 VWVLA 1830 WUND-2 NC 1900 KATG3 LA 2000 XHMEN-4 WPBT-2 FL 8 Es big Eu opening on 6M hrd or wrkd Belgium, England, Wales, Italy, Sardinia, France, Denmark, Netherlands KGBT-4 TX KIII-3 0950 Mex-2 1100 XEFB-2 **KPRC-2 TX** 1835 XEPM-2 muf 4 1900 KBEJ-2 TX 9 Es 0800 WEDU-3 FL WPBT-2 FL 0836 WCIV-4 SC 0900 WSAV-3 GA 0907 Cuba-3 TP 1400 VWVAY-3 NC WUND-2 NC 1444 Cuba-6 TP 1500 Mex-2 Mex-3 WTVJ-4 FL 1600 WMAR-2 MD WFSB-3 WBZ-4 MA 1605 WTKR-3 VA WUNC-4 NC WFMY-2 NC 1611 WHSV-3 VA 1621 Fox-5 1630 WRG4 1650 WCBD-2 SC 1651 WRAL-5 NC 1658 WBTV-3 NC 2130 WWL-4 LA 2200 WDSU-6 LA KGBT-4 TX KPRC-2 TX 2220 KIII-3 TΧ WOAL-4 ТΧ 2230 WLBT-3 MS 2257 UPN-2 2300 FOX-4 Mex-3 Mex-6 2326 KOCT-6 NM 2330 KAMR-4 TX KENW-3 NM TV Azteca-4

10 Es 0005 tried for 2z, 3-, 4- audio from LA / Santa Barbara as KY hams were getting into the LA area. A lost cause. 0844 WUNG2 NC 0915 WPBT-2 FL 0935 FFC-2 1015 CBG3 from prairie province 1030 KNAZ-2 AZ KTVK-3 AZ 1055 KVBC-3 NV KVBC-3 in well for well over an hour but no trace of KVBC-DT-2 (vet at least) 1105 KMOH-6 AZ with KNAZ-2 weather KUAT-6 being off could prove to be very interesting. Only 2nd time seeing KMOH. 1328 1330 KUTV-2 UT 1622 Mex-2 Mey-4 KBEJ-2 TX 1650 Cubavision-3 1655 Cuba4 CB TP 11 Es 1610 WESH-2 1615 KPRC-2 1640 WMAR-2 MD 1656 WUND-2 NC 1710 WBRZ-2 WWL-4 WDSU-6 sudden rapid 8 minute muf increase from ch. 2 to 6++ to New Orleans, then just as rapidly back down to ch 2 12 Es 1145 KIDY-6 TX Mex 1330 KDBC-4 ТΧ 1700 WESH-2 FL 1712 WTVJ-6 FL WFOR-4 FL 1715 WSAV-3 GA 1720 WWL-4 IA WDIQ-2 AL 1728 WEDU-3 FL 1820 Cuba-3 1900 KIII-3 TΧ Mex-2 Mex-4 Cuba-6 Noticias 2030 KBEJ-2 2038 KTVK-3 ТΧ AZ 13 MS 1150 WESH-2 FL Es 2015 French Canadians-2 14 Es 1120 WESH-2 FL WPBT-2 FL WEDU-3 FL WFOR-4 FL 1147 CBC-2 1446 Mex-2 Note #1: In retrospect this was not whisps of zero offset Es beating against KHQA. Rather, it was zero offset CCI from WTVW-7 in Evansville beating against KHQA which is now on the wrong frequencyl KHQA is supposed to be minus, but it's exactly on zero now for some reason. It'll be interesting how long it takes for them to notice. Note #2: I don't think XHCOQ-3 Cozumel ever Ds or has local ads. Since it never IDs, and since we've both wasted hours and hours trying to get an ID from this sucker, we are counting it as "the XEW on ch. 3 minus that is always in when XHCCN-4 and/or XHMEN-4 and/or Cuba-4 are in but never IDs".

654

625



Keith A1cGinnis 387 Shirley Street, Winthrop, AIA 02152



longwave@attbi.com 617-846-5760 For Dxers in the following states CT, IA, ID, IL, IN, MA, ME, MI, MN, MT, NO NE, NH, NJ, NY, OH, OR, PA, RI, SD, VT, WA, WI, WY Please submit by the **10^m of** each month. If possible please submit in the formats shown below.

JOHN EBELING- BLOOMINGTON MN R ALBORN MN Equipment: Pioneer TX 9500 IF modified tuner along with a Stereo Probe 9 al 25 feet AGL All limes are Central rime

From Bloomington MN

	0							
Jan 7 M	В							
1243	KTCL	93.3	Fort Collins		со	666		
<u>May 30</u>	Es							
1530 1533 1536	KRCL KBUL KODJ	90.9 93.3 94.1	Salt Lake City Salt Lake City Salt Lake City		UT UT UT	982 Kbull 982	982	
June 25	Es							
0910 0916 0918 0921 0928 9031 0935 0938 0942 1000	KSYM KROM KXXM KOBT KQFX KROY XHEC KTGW	90.1 90.1 92.9 96.1 100.7 104.3 106.3 99.7 91.9 91.7	San Antonio San Antonio San Antonio Winnie Borger Gonzales Palacios Sabinas Fruitland		TX TX TX TX TX TX CL NM	1324		
June 26	Es							
1031 1042 1051 1053 1102 1113 11126 1132 1138 1147 1145 1205 1220 1227 1231 1238 1245 1256 1300 1310 2003	KGNZ KEPX KXXM KVTT KQXT KQXT KQXT KCJTS KEEP KTHAC KMOU KSJE KCN KCN KCN KCCN KCCN KCCN KCZA KKXS KZUA KRZA KKZA KKZA KKZA KKZA KRZA	$\begin{array}{c} 88.1\\ 89.5\\ 96.1\\ 91.7\\ 101.9\\ 106.7\\ 107.3\\ 103.1\\ 100.7\\ 104.7\\ 105.3\\ 90.9\\ 91.3\\ 90.9\\ 91.3\\ 92.9\\ 97.3\\ 92.9\\ 97.3\\ 92.1\\ 88.5\\ 92.3\\ 90.2\\ 92.9$	Abilene Eagle Pass Madisonville San Antonio Dallas Big Spring San Antonio Terrell Hills Nuevo Laredo Bandera El Paso Cuidad Acuna Rosewell Seguin Brownwood Farmington Lytle San Angelo San Angelo San Angelo Blackfoot Alamosa Santa Fe Montrose Holbrook Montrose El Paso Grand Junction Corpus Christi San Antonio	ТХ	TX TX CL NM TX TX TX TX TX TX TX TX TX TX TX TX TX	1001 1001 (RDS rea 828 "kiss W 871 1127	d'dassy 9T 9	0 1085

2006 2008 2011 2015 2018 2028 2028 2033	KQUR KBTQ KVMV KQXT KKPN KVPA	94.9 96.1 96.9 101.9 102.3 102.5 101.1	Laredo Harlington Mc Allen San Antonio Rockport Port Isabel	TX TX TX TX TX TX	1245 1312 (RDS read'FM9T) 1100 1180 Spanish "radio romantics"	1317
The loll	owina are fror	n the cab	in location at 6843	Hwy 47. Alb	orn. MN 55702.	
n. 4T						
1000	WMLA-LP	99.7	Moose Lake	MN	(My first LPFMer)	
June 12	Tr				,	
2300	WGLI	98.7	Handcock	М	(new)	
June 19	Es					
1924 1926 1928 1930 1033 1941 1955 1957 1958 1959 2005 2007	KXTQ KEWL KPWW KQUS KENA WJMI KWFC KTYL KDBN KNTU KNTU KNTU KUVV KHCD	93.7 95.1 95.9 97.5 102.1 93.1 93.1 93.3 88.1 89.1 89.1 89.1 89.5	Lubbock New Boston Hooks HotSprings Mena Jackson Springfield Tyler Hattom City McKinney Bartlesville Ponca City Salina	TX TX AR AR MSO TX TX TX OK KS	'magic 93 ' us 97' ' 99.7 Jams' '933 the bone'	
June 20	<u>Es</u>					
1251 1254 1255 1256 1300 1300 1300 1300 1300 1300 1300 130	WKKZ WAGH WAGH WLL WSP WJIA WKEU WSP WJIA WKEU WKEU WKEU WKEU WKEU WKEU WKEU WKEU	92.7 95.5 98.3 88.7 88.5 89.7 98.1 95.3 97.7 98.1 98.1 101.9 89.7 104.7 105.3 106.1 104.1 103.1 88.7 99.7 88.7 89.7 89.7 88.7 99.3 88.9 93.1	Dublin Fort Mitchell Dadeville Guntersville Cochran The Rock Warm Springs Nashville Hoggansville Sylacauga Thomaston Montgomery Hinesville Bowdon Alexander City Thomasville LaGrange Leesburg Timon Fort Meyers Anniston Boston Rutland Concord Albany Boston Windsor Portland	GA AL AL GA GA GA GA GA GA GA GA GA GA GA GA AL GA AL GA AL GA GA GA GA GA GA GA GA GA GA GA GA GA	(GA public radio) The rock 'pure rock 97X' magic 98.1' 1898.3' 'fun 101' y102'	ned WPRR?? In GA? 1-800-733-9829 (WI address)
1721 1723 1725 1727 1730 1733 1737 1800 1824	WIGA WZLX WGIR WFCR WMSJ WUMB WBRU WYNU WYNU WRHU WNTI	100.7 101.1 101.5 88.5 89.3 91.9 95.5 89.1 88.7 91.9	Amherst Freeport Boston Providence New York Hempstead Hackettstown	MA NH MA RI NY NY NJ	(intermittent rds signa Ad for South Central T 515-483-wmu (rds Id of wnti.org)	

1152

			N			2100	WRBH	88.3	New Orleans	LA	1185
1836 1839	WBGO	88.3 90.3	Newark	NJ	unmodulated stereo carrier	July 10 E	Es				
June 23	E					1151 1211	WRTP WKNC	90.1 88.1	Roanoke Rapids Raleigh	NC	1160
1023 1026 1200 1200	WSCI WMHK WDCO WNCM WLPT	89.3 89.7 89.7 88.1 88.3	Charlestown Columbia SC Cochran Jacksonville Jesup	SC GA FL GA	(rds ID) (talk on 67 kHZ SCA) 9 (rds ID)			ın help ID,	e-mail me. ijebelingiMac	NC DLCOm	1061
1201 1218 1221	WDGM WAIL	99.1 101.3	Greensboro Chauncey	AL GA		Harry Ma	ayes - WIII	es-Barre,	PA Equipment: Supered	lio 11 v	v1110khz hltar,FM-d antenna In at
1230 1236	WRFG WOGK	89.3 93.7	Atlanta Ocala	GA	5 quinni	June 10	Es				June 17 Tr
1237 1246	WVOH WEAS	93.5 93.1	Hazelhurst Savannah	FL GA GA		1438 WH	(IO 92.5 AAN 95.5	Urbana	L "Oldies 92.5"		
1300 1300	WDCO WUWF	89.7 88.1	Cochran Pensacola	GA			BW 94.5		MO ID KS "94 Country.com'		0015 WQZI 103.9 Laporte PA'103.9 FM Is Cozy 104' (55) June 26 Tr
1309	WMOC	88.7	Lumber City	FL GA		June 1 t l	s				
July 3 E	s					1905 KT	SU 90.9 I	louston	TX ID, Jazz Musk:		2100 WVPS 107.9 Burlington VT locallike w/lOs and NPR programming (220) 2137 WLKC 103.3 Waterbury VT strong at times "Alice
0755 0800	WJIS WSMR	88.1 89.1	Brandenton Sarasota	FL FL	1457 1467	June 131	r				103.3 and 93.7" (220) 2211 WIYN 94.7 Deposit NY "Odies 100 ID" (80)
0803 0821	WFLZ	93.3	Tampa Port St Joe	FL FL FL	1429 'the beat' 1252	2330 WG ti mes (16	LU 99.1 E	bensburg	PA "Power 99.1", stron	ng at	July 3 Es
0827 0832	WEBZ WBHK WKGC	93.5 98.7 90.7	Warrior Panama City	AL FL	'kiss fm' 961 (RDS ID) 1222	2336 WK	YE 95.5 Jo	hnstown	PA "Key 95"(160)		2040 KNDE 95.1 College Station TX "Candy 95" Ads for
0836	WEZB WYNK	90.7 97.1 101.5	New Orleans Baton Rouge	FL LA LA	(RDS ID) 1185 1151	June 15 T	ſr				Bryan and College State TX "KFRO, The Frog" Oklies,
0839 0853 0900	WPBH WMBV	99.3 91.9	Mexico Beach Dixonss Mills	FL AL	1240 1063	0000 WF	RE 99.9 Fr	ederick MI	D weak Countr music(180))	fair signal
0900 0930	WUWF KUAR	88.1 89.1	Pensacola Little Rock	FL AR	1182 RIDS read "life song' 848						
0940 0945	WKRF KAYT	89.3 88.1	Baton Rouge Jena	LA LA	1151 1059	JASON K	ORALJA	SURF CIT	Y, NEW JERSEY Equu	pment	Sony ICF-SW76000R with built In whip.
0955 0958	KEPX KSMB KTXB	89.5 94.5	Eagle Pass Lafayette	TX LA	(RDS ID) 1334 1159	<u>July 3 Tr</u>					WPRO 92.3 Providence RI 204 mi
1029 July	ктхв	89.7	Beaumont	ТΧ	1172		89.1 Little	RockAR	1061 mi.		WKSS 95.7 Hartford CT 148 mi WEFX 95.9 Norwalk CT 107 mi
1510	WLPT	88.3	Jessup	GA NC	(RDS ID) 1209	July 3 Es					WTIC 96.5 Hartford, CT 162 mi WCTK 98.1 New Bedford MA 217 mi
1523 1524	WKNC WSCI	88.1 89.3	Raleigh Charleston	SC	"KNC88.1" RDS 1061 1189	KFXI	92.1 Mark	w OK 135	5 mi.		WHUD 100.7 Peekskill NY 117 mi WDRC 1029 Hartford CT 148 mi
1530 1825 1827	WMHK	89.7 89.5	Columbia	SC	1084 "K star" non-Id (Note 1)						
1829	WWKA unid	92.3 93.5 88.5	Oriando	FL	K92FM 1416 Rogersville ad heard (Note 1)	<u>July 8 Es</u>					20 Tr
1833 1838	WMNF WGYL	93.7	Tampa Vero Beach	FL FL SC	1429 1497 1084	WJTF	89.9 Pana	ima City	FL 923 mi.		WKGC 93.7 Chesapeake VA 227ml VA 241m1
1842 1846	WCOS WPLA	97.5 93.3 93.1	Columbia Callahan	FL GA	1280 1201		88.1 Pe		FL 966 mi		WXEZ 94.1 Yorktown VA 213nd WPTE 94.9 Virginia Beach VA 228mi WVKL 95.7 Norfolk VA 233mi
1851 1852 1857	WEAS WOBT	94.1	Savannah Savannah	GA FL	'oldies 94.1' 1201 1438	WOWL	91.9 Bur	nsville	MS 848 mi		WRZE 96.3 Nantucket MA 238ml
1900 1902	WQYK WLPT WBYZ	99.5 88.3 94.5	St Petersburg Jessup Baxley	GA GA	1209 12-94'1186	July 15 T	t				WBEY 96.9 Crisfield MD 147mi "Over local 50000 watt WFPG FM
1909	WTBF	94.7 98.3	Brundidge	AL GA	(RDS ID) 1117 " 1183						WCTK 98.1 New Bedford MA 217m1
1923 1925 1926 1928	WGCO WXJZ WOSY WGLF	90.3 100.9 103.9 104.1	Gainsville Hawkinsville Tallahassee	FL GA FL	'smooth jazz' 1321 'sunny 103.9' 1127 'aulf 104' 1231	Jim Renfi antenna	rew 6989 ' - new, 0 :	Bank Stree	et Road Byron, NY 144 s, t= tentative, q = since v	22-97 /erified	02Equipment: Car radios, Onkyo tuner with Radio Shack
1930 1933	WMAX	105.3 107.9	Bowdon Valdosta	GA GA	RDS read "the 80's" 'rock 108' 1225	May 30 Es	3				J <u>un 10 Tr</u>
1935 1935 1937	WZNY WXXL	105.7 106.7	Augusta Tavares	GA FL	Y105' 1090 XL106.7' 1390	0751 "KM	SI 88.1	Moore	OK 1194 SD 1237		1141 "CFJR 104.9 Brockville ON Testing 138
1950 2000	WIRK	107.9 88.1	West Palm Beach Pensacola	FL FL 1	1564 182	0908 KP	NO 90.9	Norfolk	NE 1012		<u>Jun 10 Es</u>
2000 2001 2005	WKGC	90.7 101.1	Panama City Cocoa Beach	FL FL	(RDS ID) 1222 'rock 101' 1449	0910 KINI 0913 "KE	EN 94.7 RB 92.7 /	Ainsworth	NE Mix94.7 1012 NE 1130 NE 1112		1242 WTBF 94.7 Brundige AL 908 1555 KSLI 104.1 Crete NE 1012
2007 2012	WMXZ	103.1	Valparaiso Callaway	FL FL	mix 103' 'max country 103.5' 1229	0925 "KZ	ZI 95.9 Be	elle Fourc	he SD q almost to		1555 "KLIQ 94.5 Hastings NE 1085
2020 2022	WKAK WTLY	103.5 104.5 107.1	Albany Thomasville	GA	1157 (RDS ID) 1210	0933 "KQ	RQ 92.3 I	Rapid City	SD 1285		1556 KNEN 94.7 Norfolk NE 1012 1557 KEFM 96.1 Omaha NE Mix 96.1 949 1602 KU S. 102 2 Have KS 1121
2030	WFSS WVAS	91.9 90.7	Fayetteville Montgomery	GA NC AL	(1092 II) 1064	1130 'CB	WS 927Ja	ickhead	MB R1 not R2 1117		1603 KJLS 103.3 Hays KS 1171 1610 'KKOT93.5 Columbus NE The Hawk 1018 1617 'KLTQ 101.9 Lincoln NE 995
2030 2031 2038	WRJM WFMH	93.7 95.5	Geneva Holly Pond	AL AL	real country 95.5						1620 KPNO 90.9 Norfolk NE 1012

1627 [']	KTCH 10		E q Oldies 989		1331 WSKX 92.3 Hinesville GA 810 1416 KTTS 94.7Springfield MO	2013 2015	94.5 94.9	EWRJO KQDS	Eagle River WRJO Eagle River Duluth	WI Dave Arston on Highway 70 in Tamaqua, 816 300d MN KO-95 953 301d
2003 'K	SJQ 92.7	3 Kingman K 7 Savannah N	10		Branson ads 924 1416 WFBQ 94.7 Indianapolis IN local car ad 501	2013	93.9	WTBX	Hibbing	MN KQ-95 953 301d MN Peter Mitchell Fun Day in Babbitt Range x Women's Advocates 749-5054 1006 301d
	FME 10	5 Liberal KS 5.1 Garden aw E 105			1421 'KWGS 89.5 Tulsa OK 1091	2024 2025	96.5 102.7	WKLK KTIG	Cloquet Pequot Lakes	MN K-96.5 966 301d MN Religion, KTIG 1056 298d
2030 KX	KU106.1	Lyons	KS Country Kicks 1 S The Zone 1095	129	<u>Jun 24 Tr</u>	2033	91.3	KUWS	Superior	WI Earthwatch Radio from the University of Wisconsin, this is 91 KUWS 953 301
2037 *K	DGS 93	3.9 Andover	(SPower 93.9 KS Spanish		1000 CHWK 103.9 Cambridge ON The Hawk	2040	88.1	KVSC	SL Cloud	MN Dustys Bar and Grill, Taj Mahal on June 26. This is KVSC 1029 294d
		5.2 Topona			Jun 26 Mixed	2041	89.9	WHSA	Brule	WI RDS PI 68FB 921 300d
<u>Jun 11 E</u>		Onton Dougo	1 4 4450		0015 NWNO 106.1 Mansfield OH Mix 106 302	June 2	<u>8 Ms</u>			
		8aton Rouge Dothan AL	Faith Radio 929		0030°CFLZ 105. INiagara Falis ON The New River	1735 1830	100.5 100.5		Lebanon Jonesboro	NH 'in Weathersfield'Shortest Ms ever. 217 AR 'at the Capital in Jonesboro* 935 253
<u>Jun 11 T</u>	<u>Er</u>				0040 WIOT 104.7 Toledo DH320 0050WOMC 104.3 Detroit MI 283	July 3	Es			·
0650 #V 90	WWDG 10	05 IDeRuyter	NY new calls, the Dog	9	0100 "WHMI 93.5 Howell MI 323 1719CBAFt 92.3Halifax NS short French burst 704	0942	89.7	KTPW	Sanger	TX RDS PI 43CS Power FM 1325 255d
50					2305 WNIC 100.3 Dearborn MI 289	0944	92.5	KHTA	Wake Village	TX Rel 1187 251d
Jun 23 E	s				2330 *CKQB 106.9 Ottawa ON The Bear 183	0946 0947	92.9	KLRK	Merlin	TX RDS PI 2EDO, LITEROCK 1416 250
					lun 20 T	0947	93.3 93.7	KDBN KXKS	Haltom City Shreveport	TX Take I-35 North 1360 253d LA Big D and Bubba 1208 2494
	KZB 93.5		AL The Buzz 960		<u>Jun 30</u> T	0950	93.7 94.3	WBAD	Leland	MS flreworkscity.com, just across the bridge
	VLRH 89. /AFN 92.7	3 Huntsville 7 Arab	AL 756 AL Fun 775		1830 CJRQ 92.3 Sudbury ON 287				from Greenville	1039 245d
			ngs MS KZ 1008			. 0952	94.5	KRUF	Shreveport	LA The Hit Music Channel K-94.5 1208 249
	SLY 104.9		AL Sly 940		Notesl. WFBQ is my shortest FM skip.	0952	94.9	KLTY	Arlington	TX Dallas mention 1360 252d
						0952 0959	94.9 88.5	KOLL KEOM	Maumelle Mesquite	AR RDS PI 3621 1059 250d TX Texas State Radio Network KEOM Mesquite
			Poplictic ST/	2280	Corrad RDS Manager TWOAPS 145 stagger stacked with	1000	89.3	KNON	Dallas	TX Texas State Radio Network, KEOM Mesquite TX www.afroscene.com 1360 252d
RICK SF	12c Now	Sparta NJ E	upment: Realistic 317	-2200, nher @	end is mileage, second is direction.	1002	100.3	ØKRBV	Dallas	TX Wild 100.3 1359 252d
	135. New	cale, # IS He	w prop mode. First ""	noer e		1004	88.1	KNTU	Denton	TX on KNTU 1343 2544
June 20	Es					1 005	90.9	KCBI	Dallas	TX RDS PI 156A 1360 252d
						1006 1007	92.1 92.1	KDON KTFW	DeQueen Glen Rose	AR RDS PI 1999 1169 253d
1057	94.1		lowa City	IA IL	RDS PI 3E36 891 279d Oldies 93.3 778 274d	1007	92.1	KIEW	Gien Rose	TX If you're driving in Fort Worth. Country Gold Morning Shaw 1427 252d
1108	93.3	WPBG QKLOX	Peoria Creston	IA	888-326-4543 afr.net 1025 277d	1008	95.5	KITX	Hugo	OK Country 1238 253d
1112 1115	90.9 95.5	WNUA	Chicago	IL.	Jazz, RDS 7904 674 280d	1009	99.7	ØKTSH	Tishomingo	OK Classical 1279 256d
1117	95.7	KSWI	Atlantic	iĂ	KS 95, Sunday will be 91, join Tracy Rich x	1010	99.7	KBCY	Туе	TX Abilene Zoo 1523 255d
					every morning 1047 278d	1011	101.1	KRMD	Shreveport	LA Enjoy the weekend with KRMD 1208 249
1119	96.1	@KMXG	Clinton	IA	McLaughlin Motors In Moline 818 278d	1041 1043	95.7 106.9	KKAJ QKHLB	Ardmore Burnet	OK Kay from AAA Associated Travel 1318 256 TX Promo for San Antonio Getaway, Country
1125	96.9	KIAQ	Clarion Ames	IA IA	RDS PI 2530 1008 283d 105.1 Channel Q 983 281d	2025	89.7	KTPW	Sanger	TX Promo for San Antonio Getaway, Country TX Power FM 1325 255d
1128 1130	105.1 105.7	@KCCQ @KOKZ	Waterloo	IA	RDS PI 3615 902 282d	2027	90.9	KCBI	Dallas	TX RDS PI 156A 1360 252d
1132	105.7	OKRT	Grinnell	iA	New Energy FM 933 280d	2031	93.1	OKTYL	Tyler	TX Tyler Fireworks Show 1273 249d
1142	101.7	KAYL	Storm Lake	IA	Storm Lake Honda 1059 2834	2033	93.7	KXKS	Shreveport	LA Elkins Kia North of 1-20 1208 249d
1142	101.9	KNWS	Waterloo	IA	Focus on the Family 899 282d	2040	102.5	KKYR	Texarkana	TX Schoen's GMC Mazda Isuzu 1187 251
1148	99.7	KOGA	Ogalalla	NE WI	Mentions of North Platte 1385 280d Interiors of Lancaster, Lancaster Ford	2048	97.7	KALK	Winfield	TX K-Lake 1251 251d
1149	97.7	OWGLR	Lancaster	VVI	Mercury 831 284d	July 4 E	s			
1153	95.9	ØKILR	Estherville	IA	'in Estherville" 1042 285d					
1155	95.5	ØKGL	Sioux City	IA	Lamar Fort Mercury, KG-95 1117 2834	AM	90.7	WVAS	Birmingham	AL Waiting on my computer upon awakening
1158	95.1	@KCZE	New Hampton	IA WI	Chickasaw Country 95.1 915 285d Higley Ford of Windham 608-326-3211 854	0959	88.1	KJTY	RDS PI EEEE 878 Topeka	231d KS Gary's Plumbing Service in Topeka 1114
1159	94.3	WROE	Prairie du Chien Neenah	WI	Higley Ford of Windham 608-326-3211 854 Great Montreal and Nova Scotia Train Tour	1040	89.3	WIPA	Pittsfield	IL From the University of Illinois 848 269
1200	94.3	WROE	INCCHAIL	VVI	Departing Portage September 19th	1054	94.3	@WPMJ	Chillicothe	L Magic 94.3 774 274d
1201	88.1	OWJTY	Lancaster	WI	WJTY Lancaster Joy 88, Christian Radio for	1055	94.3	KCVW	Kingman	KS Bott Radio Network, KCVW 1259 268
					the Tri-States 820 285d	1057	89.1	KMUW	Wichita Opring Vollay	KS This Is KMUW Wichita 1227 268d
	88.7	WERN	Madison	WI	WERN Madison 775 286d	1059 1100	88.1 94.1	WSOG KRNA	Spring Valley	L Right here on 88.1 FM WSOG 758 277
	93.1	KHMY	Pratt MoRhorson	KS	MY 93.1 after Farm Report 1275 269d Focus on the Family, KYFW 1234 269d	1100	94.1 95.3	KRINA KCSI	owa City Red Oak	A 100% Classic Rock KRNA RDS PI 3E36 A the Paper Trail in Downtown Shenandoah
1452		@K204CR	McPherson Emporia	KS KS	Focus on the Family, KYFW 1234 269d NPR from the University of Kansas 1152	1112	97.7	KBBX	Nebraska City	NE Spanish 1119 277d
1452 1459		EDKANH			Oldies, Super Hits 95 1387 269d	1114	97.7	KCRR	Grundy Center	IA Classic Rock KCRR 925 282d
1452 1459 1501	89.7	@KANH @KSSH		KS			94.9	CIEU	Carleton	PQ FF 645 38d
1459		ØKSSH	Ingalis	ON	FF 876 311d	1205				
1452 1459 1501 1505	89.7 96.3 89.3 94.3	CBON-20	Ingalis Thunder Bay Thunder Bay	ON ON	FF 876 311d 'at the new Thunder Bay' 876 311d	1210	94.5	CURG	Gaspe	PQ FF 731 39d
1452 1459 1501 1505 1904 1906 1908	89.7 96.3 89.3 94.3 101.7	CBON-20 CLISD CCLISD	Ingalis Thunder Bay Thunder Bay Thunder Bay	ON ON ON	FF \$76 311d 'at the new Thunder Bay' 876 311d Classical 881 311d	1210 1211	94.5 92.9	QCKLE	Gaspe Bathurst	PQ FF 731 39d NB FF 645 38d
1452 1459 1501 1505 1904 1906 1908 1910	89.7 96.3 89.3 94.3 101.7 100.9	CBON-20 CJSD CBQH	Thunder Bay Thunder Bay Thunder Bay Thunder Bay Dryden	ON ON ON ON	FF \$76 311d 'at the new Thunder Bay' 876 311d Classical 881 311d Canadian Pgm. 1058 311d	1210 1211 1213	94.5 92.9 89.3	QCKLE QCKLE CBGA-10	Gaspe Bathurst Gaspe	PQ FF 731 39d NB FF 645 38d PQ Quebec, FF 739 40d
1452 1459 1501 1505 1904 1906 1908 1910 1913	89.7 96.3 89.3 94.3 101.7 100.9 93.1	CBON-20 CJSD CCSC CBQH CFRY	Thunder Bay Thunder Bay Thunder Bay Thunder Bay Dryden Portage Is Prairie	ON ON ON ON	FF 876 311d 'at the new Thunder Bay' 876 311d Classical 881 311d Canadian Pgm. 1058 311d Real Country CFRY 1294 307d	1210 1211	94.5 92.9 89.3	QCKLE	Gaspe Bathurst	PQ FF 731 39d NB FF 645 38d
1452 1459 1501 1505 1904 1906 1908 1910 1913 1915	89.7 96.3 89.3 94.3 101.7 100.9	CBON-20 CJSD CBQH	Thunder Bay Thunder Bay Thunder Bay Thunder Bay Dryden	ON ON ON ON	FF \$76 311d 'at the new Thunder Bay' \$76 311d Classical 881 311d 311d Canadian Pgm. 1058 311d 311d Real Country CFRY 1294 307d FF 1131 309d 0-94 FM, 780-94FM 1246 307d	1210 1211 1213 1236 1237	94.5 92.9 89.3 91.5 92.5	QCKLE QCBGA-10 QCBAF-3	Gaspe Bathurst Gaspe Campbellton	PQ FF 731 39d NB FF 645 38d PQ Quebec, FF 739 40d NB FF 627 36d
1452 1459 1501 1505 1904 1906 1908 1910 1913 1915 1917	89.7 96.3 89.3 94.3 101.7 100.9 93.1 93.5 94.3	CBON-20 CLSD CBQH CFRY CKSB-7 CHIQ	Ingalis Thunder Bay Thunder Bay Thunder Bay Dryden Portage Is Prairie Kenora Winnipeg	ON ON ON ON ON MB	FF \$76 311d 'at the new Thunder Bay' \$76 311d Classical 881 311d 311d Canadian Pgm. 1058 311d Real Country CFRY 1294 307d FF 1131 309d 0-94 FM, 780-94FM 1246 307d this and 102.5 had an RDS PI of 1234	1210 1211 1213 1236	94.5 92.9 89.3 91.5 92.5	QCKLE QCBGA-10 QCBAF-3	Gaspe Bathurst Gaspe Campbellton	PQ FF 731 39d NB FF 645 38d PQ Quebec, FF 739 40d NB FF 627 36d
1452 1459 1501 1505 1904 1906 1908 1910 1913 1915 1917 1930	89.7 96.3 89.3 94.3 101.7 100.9 93.1 93.5 94.3 100.7	CBON-20 CLSD CBQH CBQH CFRY CKSB-7 CHIQ	Ingains Thunder Bay Thunder Bay Thunder Bay Dryden Portage Is Prairie Kenora Winnipeg Winnipeg	ON ON ON ON MB MB	FF \$76 311d 'at the new Thunder Bay' \$76 311d Classical 881 311d 311d Canadian Pgm. 1058 311d 56 Ganadian Pgm. 1058 311d 576 F 1131 309d 594 FM, 780-94FM 0-94 FM, 780-94FM 1246 307d this and 102.5 had an RDS PI of 1234 Sinatra. CHNR calls 1241	1210 1211 1213 1236 1237	94.5 92.9 89.3 91.5 92.5 \$ 88.7	QCKLE QCBAF-3 QCBSI-7 WAYJ	Gaspe Bathurst Gaspe Campbellton	PQ FF 731 39d NB FF 645 38d PQ Quebec, FF 739 40d NB FF 627 36d PQ FF 828 36d
1452 1459 1501 1505 1904 1906 1908 1910 1913 1915 1917	89.7 96.3 89.3 94.3 101.7 100.9 93.1 93.5 94.3	CBON-20 CLSD CBQH CFRY CKSB-7 CHIQ	Ingalis Thunder Bay Thunder Bay Thunder Bay Dryden Portage Is Prairie Kenora Winnipeg	ON ON ON ON ON MB	FF \$76 311d 'at the new Thunder Bay' \$76 311d Classical 881 311d 311d Canadian Pgm. 1058 311d Real Country CFRY 1294 307d FF 1131 309d 0-94 FM, 780-94FM 1246 307d this and 102.5 had an RDS PI of 1234	1210 1211 1213 1236 1237 July 6 E	94.5 92.9 89.3 91.5 92.5 \$ \$ 88.7 90.3 F	QCKLE QCKLE 3CBGA-10 QCBAF-3 QCBSI-7	Gaspe Bathurst Gaspe Campbelton Havre St Pierre	PQ FF 731 39d NB FF 645 38d PQ Quebec, FF 739 40d NB FF 627 36d

4500	89.1	WBSN	New Orleans	LA	Pax 49 Promo 1148 234d
1538		WASN	West Palm Beach	FL	Classical, WXEL ID 1048 200d
1819 1855	90.7 90.3	WAFG	Fort Lauderdale	FL	Crown Financial Ministries 1071 199d
		R. Progreso	Havana	ĊŪ	SS 1314 202d
1857 1900	90.3 I 88.5	WKPX	Sunrise	FL	Nova Southeastern University 1074 1994
1903	94.3	WGMX	Marathon	FL	Calls 1188 200d
2037	92.1	KRTS	Seabrook	ΤХ	Classical 1418 242d
2037 2041	90.7	KLSA	Alexandria	LA	Red River Radio Network 1188 242d
2041	90.9	OKTSU	Houston	TX	Texas Southern University 1398 243d
2042	90.9 91.7	ØKTRU	Houston	ТХ	//internet 1379 243d
2040	0	Butte			
July 8 E	-s				
<u>, 11 1</u>	_				
2050	93.7	KBRK	Brookings	SD	Priairie Repatory Theater, Brookings HI-Vee
			-		
July 9					
-					
0850	89.3	WYPL	Memphis	TN	RDS PI 9599, FM 89.3. PS Rotates. 925 251d
0855	89.7	KDAB	Fayetteville	AR	KDAB Fayetteville 1123 258d
0856	89.7	KTPW	Sanger	ТΧ	Power FM 1325 2554
0905	100.5				Soul
0910	89.1	WLBF	Montgomery	AL	Charles Stanley 872 231d
0912	90.7	WVAS	Montgomery	AL	RDS PI EEEE 872 231d
0917	94.9	WKSJ	Mobile	AL	95KSJ RDS PI A7ED 1020 2294
0935	88.1	KAYT	Jena	LA	Black Gospel, ID 1188 242d
0942	88.3	KAXF	Conroe	ТΧ	First Mariner Arena, Houston 1365 245d
0945	92.1	KRTS	Seabrook	TX	Classical 1418 242d
1431	90.7	WMFE	Orlando	FL	Classical 932 2054
1432	90.9	WSOR	Naples	FL	RDS PI 85AD 1091 203d
1433	92.3	@WWKA	Orlando	FL	Terri Clark 932 205d
1434	92.5	OWROC	Estero	FL	Sam Galloway Ford 1093 204d
1443	98.5	OWLPF	Ocilla	GA	Religion 813 2194
1445	95.7	QWQPW	Valdosta	GA	Soul, 95.7 The Mix, South Georgia and North
					Florida's Best Music 861 216d
1452	92.1	WDDQ	Adel	GA	You're listening to WDDQ839 218d
1523	89.7	WPAE	Centerville	MS	847-5339, Hwy 442 North of Albany LA,
.=-			225567-5488, Robi	nson Bapt	tist Church,
	Libertv	MS 1140	239d		
1523	90.3	WDYF	Dothan	AL	Walkintheword.com 904 226d
1525	90.7	WKGC	Panama City	FL	RDS PI 6FAE 974 224d
1533	95.3	WRLD	Valley	AL	I-85 Exit 18 at LaGrange mikepattonauto.com
1534	98.3	WDLT	Chickasaw	AL	Platinum Club h Pensacola. Black Pgm.
1537	92.9	WBLX	Mobile	AL	93BLX 1020 229d
1545	92.9	WZGC	Atlanta	GA	Z93 RDS PI EEEE 732 230d
1555	89.1	WBSN	New Orleans	LA	More Than Enough M Slidell. RDS PI 592D
1557	89.3				vorway.com?
1601	88.5	WUSM	Hattiesburg	MS	University of Southern Mississippi 1056 2354
2029	88.1	KJTY	Topeka	KS	Rel 1114 271d
2030	89.1	KMUW	Wichita	KS	Tornado Warnings from NWS 1227 268d
2031	90.3	KMNE	Bassett	NE	RDS PI 3106 1280 282d
2034	92.5				1200 0701
2035		KJJY	Ankeny	IA	Bigfoot on July 19th 990 2794
	92.5	KCVT	Ankeny Silver Lake	IA KS	Bigfoot on July 19th 990 2794 Rat 1129 271d
2038	92.5 88.7			IA KS OK	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d
2038 2040		KCVT	Silver Lake Ponca City Wichta	IA KS OK KS	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmow.com 1237 265d
	88.7 90.7 91.5	KCVT KLVV KZZD KRNE	Silver Lake Ponca City Wichta Merriman	IA KS OK KS NE	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmow.cml 1237 265d RDS PI 3E3A 1391 284d
2040	88.7 90.7	KCVT KLVV KZZD	Silver Lake Ponca City Wichta	IA KS KS NE OK	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmnow.com 1237 265d RDS P1 3E3A 1391 284d Calls 1289 261d
2040 2045	88.7 90.7 91.5	KCVT KLVV KZZD KRNE	Silver Lake Ponca City Wichta Merriman	IA KS OK KS OK OK	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmow.cdm 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d
2040 2045 2047	88.7 90.7 91.5 90.9	KCVT KLVV KZZD KRNE KOKF	Silver Lake Ponca City Wichta Merriman Edmund	IA KS OK KS NE OK OK	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d TIMORY 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d KOMA-FM RDS PI 3630 1290 261d
2040 2045 2047 2050	88.7 90.7 91.5 90.9 90.1	KCVT KLVV KZZD KRNE KOKF @KCSC	Silver Lake Ponca City Wichita Merriman Edmund Edmund	IA KS OK KS OK OK	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmow.cdm 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d
2040 2045 2047 2050 2055 2058	88.7 90.7 91.5 90.9 90.1 92.5	KCVT KLVV KZZD KRNE KOKF @KCSC KOMA	Silver Lake Ponca City Wichta Merriman Edmund Edmund Oklahoma Gty	IA KS OK KS NE OK OK KS	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmov.com 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d KOMA-FM RDS PI 3630 1290 261d My 93.1 1275 269d
2040 2045 2047 2050 2055	88.7 90.7 91.5 90.9 90.1 92.5 93.1	KCVT KLVV KZZD KRNE KOKF KOKF KOMA KHMY	Silver Lake Ponca City Wichta Merriman Edmund Edmund Oklahoma Gty Pratt	IA KS OK KS NE OK OK KS	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmowcott 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d MY 93.1 1275 269d
2040 2045 2047 2050 2055 2058	88.7 90.7 91.5 90.9 90.1 92.5 93.1	KCVT KLVV KZZD KRNE KOKF KOKF KOMA KHMY	Silver Lake Ponca City Wichta Merriman Edmund Edmund Oklahoma Gty Pratt	IA KS OK KS OK OK KS In La	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmow.com 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d KOMA-FM RDS PI 3630 1290 261d My 93.1 1275 269d Immar 1461 265d 89.7 KCVK Otterville 1010 268d
2040 2045 2047 2050 2055 2058 2100	88.7 90.7 91.5 90.9 90.1 92.5 93.1 89.5	KCVT KLVV KZZD KRNE KOKF KOMA KHMY QKTOT	Silver Lake Ponca City Wichta Merriman Edmund Edmund Oklahoma Gty Pratt Spearman	IA KS OK KS OK OK KS In La KS	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmov.com 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d KOMA-FM RDS PI 3630 1290 261d my 93.1 1275 269d mmar 1461 265d 89.7 KCVK Otterville 1010 268d 312-329-4460 Moody Open Une 1138 270d
2040 2045 2047 2050 2055 2058 2100 2101	88.7 90.7 91.5 90.9 90.1 92.5 93.1 89.5 89.7	KCVT KLVV KZZD KRNE KOKF KOKF KOMA KHMY QKTOT	Silver Lake Ponca City Wichta Merriman Edmund Oklahoma Gty Pratt Spearman Knob Noster Topeka Topeka	IA KS OK NE OK OK KS In La KS KS	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmow.cmt 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d MW 33.1 1275 269d umar 1461 265d 89.7 KCVK Otterville 312-329-4460 Moody Open Une 1138 270d Country, RDS PI 678. Prev on 97.3
2040 2045 2047 2050 2055 2058 2100 2101 2110	88.7 90.7 91.5 90.9 90.1 92.5 93.1 89.5 89.7 88.1	KCVT KLVV KZZD KRNE KOKF KOKF KOMA KHMY QKTOT	Silver Lake Ponca City Wichta Merriman Edmund Edmund Oklahoma Gty Pratt Spearman Knob Noster Topeka	IA KS KS KS KS KS KS KS KS KS	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmnow.cdl 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d KOMA-FM RDS PI 3630 1290 261d My 93.1 1275 269d Imar 1461 265d 89.7 KCVK Otterville 1010 268d 312-329-4460 Moody Open Une 1138 270d Country, RDS PI 5976, Prev on 97.3 1135 Great Country 12 In a Row 94.9 KOLI 1411
2040 2045 2047 2050 2055 2058 2100 2101 2110 2116 2118	88.7 90.7 91.5 90.9 90.1 92.5 93.1 89.5 89.7 88.1 94.5 94.9	KCVT KLVV KZZD KRNE KOKF KOKF KOMA KHMY QKTOT	Silver Lake Ponca City Wichta Merriman Edmund Oklahoma Gty Pratt Spearman Knob Noster Topeka Topeka	IA KS KS KS KS KS KS KS KS KS K KS	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmov.com 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d KOMA-FM RDS PI 3630 1290 261d My 93.1 1275 269d mmar 1461 265d 89.7 KCVK Otterville 1010 268d 312-329-4460 Moody Open Une 1138 270d Country, RDS PI 69F3. Prev on 97.3 1138 Great Country 12 In a Row 94.9 KOLI 1411 RDS PI 1AD2 1398 263d
2040 2045 2047 2050 2055 2058 2100 2101 2110 2116 2118 2124	88.7 90.7 91.5 90.9 90.1 92.5 93.1 89.5 89.7 88.1 94.5 94.9 96.5	KCVT KLVV KZZD KRNE KOKF KOKF KOKF KKCSC KOMA KHMY QKTOT KJTY QWIBW KECO KECO	Silver Lake Ponca City Wichta Merriman Edmund Edmund Oklahoma Gty Pratt Spearman Knob Noster Topeka Topeka Topeka Electra Electra Elk City	IA KS KS KS KS KS KS KS KS KS	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmnow.cdl 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d KOMA-FM RDS PI 3630 1290 261d My 93.1 1275 269d Imar 1461 265d 89.7 KCVK Otterville 1010 268d 312-329-4460 Moody Open Une 1138 270d Country, RDS PI 69F8, Prev on 97.3 1135 Great Country 12 In a Row 94.9 KOLI 1411
2040 2045 2047 2055 2058 2100 2101 2110 2116 2118 2124 2126	88.7 90.7 91.5 90.9 90.1 92.5 93.1 89.5 89.7 88.1 94.5 94.9	KCVT KLVV KZZD KRNE KOKF KOKA KHMY QKTOT QKTOT QWIBW QKOLI	Silver Lake Ponca City Wichta Merriman Edmund Oklahoma Gty Pratt Spearman Knob Noster Topeka Electra	IA KS KS KS KS KS KS KS KS KS K KS	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmov.com 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d KOMA-FM RDS PI 3630 1290 261d My 93.1 1275 269d mmar 1461 265d 89.7 KCVK Otterville 1010 268d 312-329-4460 Moody Open Une 1138 270d Country, RDS PI 69F3. Prev on 97.3 1138 Great Country 12 In a Row 94.9 KOLI 1411 RDS PI 1AD2 1398 263d
2040 2045 2047 2050 2055 2058 2100 2101 2110 2116 2118 2124	88.7 90.7 91.5 90.9 90.1 92.5 93.1 89.5 89.7 88.1 94.5 94.9 96.5 97.5	KCVT KLVV KZZD KRNE KOKA KOMA KHMY QKTOT QKTOT QKITY QWIBW KECO KOEA	Silver Lake Ponca City Wichta Merriman Edmund Oklahoma Gty Pratt Spearman Knob Noster Topeka Electra Elk City Donjphan	IA KS KS KS KS KS KS KS KS KS KS KS KS KS	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmow.cml 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d KOMA-FM RDS PI 3630 1290 261d My 93.1 1275 269d mar 1461 265d 89.7 KCVK Otterville 1010 268d 312-329-4460 Moody Open Une 1138 270d Country, RDS PI 69F8, Prev on 97.3 1135 Great Country 12 In a Row 94.9 KOLI 1411 RDS PI 1AD2 1398 263d Cards BB921 257d
2040 2045 2050 2055 2058 2100 2101 2110 2116 2118 2124 2126 2130	 88.7 90.7 91.5 90.1 92.5 93.1 89.5 89.7 88.1 94.5 94.9 96.5 97.5 99.5 	KCVT KLVV KZZD KRNE KOKA KOMA KHMY QKTOT QKTOT QKITY QWIBW KECO KOEA	Silver Lake Ponca City Wicht Edmund Edmund Oklahoma Gty Pratt Spearman Knob Noster Topeka Topeka Electra Electra Elk City Doniphan Henryetta	IA KS KS KS KS KS KS KS KS KS KS KS KS KS	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmow.com 1237 265d RDS PI 3E.3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d KOMA-FM RDS PI 3630 1290 261d My 33.1 1275 269d Imar 1461 265d 89.7 KCVK Otterville 1010 268d 3312-329-4460 Moody Open Une 1138 270d Country, RDS PI 5976. Prev on 97.3 1138 Great Country 12 In a Row 94.9 KOLI 1411 RDS PI 1AD2 1398 263d Cards B8921 257d Hello Walls, Real Country Big Country 99.5 Classical 1279 256d
2040 2045 2047 2050 2055 2058 2100 2101 2110 2110 2110 2118 2124 2126 2130 2132	88.7 90.7 91.5 90.9 90.1 92.5 93.1 89.5 89.7 88.1 94.5 94.9 96.5 97.5 99.5	KCVT KLVV KZZD KRNE KOKA KOMA KHMY QKTOT CKOSC KJTY QWIBW KECO KOEA KXBL KTSH	Silver Lake Ponca City Wichta Merriman Edmund Oklahoma Gty Pratt Spearman Knob Noster Topeka Electra Elk City Doniphan Henryetta Tishomingo	A KSK KS NE O KS S KS KS KS KS KS KS KS KS KS KS KS K	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmow.com 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d KOMA-FM RDS PI 3630 1290 261d My 93.1 1275 269d amar 1461 265d 89.7 KCVK Ottervile 1010 268d 312-329-4460 Moody Open Une 1138 270d Country, RDS PI 69Fa. Prev on 97.3 1136 Great Country 12 In a Row 94.9 KOLI 1411 RDS PI 1AD2 1398 263d Cards BB921 257d Hello Walls, Real Country Big Country 99.5 Classical 1279 256d News Channel 6. Your Favorite Country on
2040 2045 2050 2055 2058 2100 2101 2110 2116 2118 2124 2126 2130	 88.7 90.7 91.5 90.1 92.5 93.1 89.5 89.7 88.1 94.5 94.9 96.5 97.5 99.5 	KCVT KLVV KZZD KRNE KOKA KOMA KHMY QKTOT QWIBW KLTY QWIBW KECO KOEA KXBL	Silver Lake Ponca City Wicht Edmund Edmund Oklahoma Gty Pratt Spearman Knob Noster Topeka Topeka Electra Electra Elk City Doniphan Henryetta	A KOK KE KOK KOK KOK KOK KOK	Bigfoot on July 19th 990 2794 Rat 1129 271d On 88.7 KLVV 1244 263d zmmov.com 1237 265d RDS PI 3E3A 1391 284d Calls 1289 261d Opera In German // Internet 1289 261d MWA-FM RDS PI 3630 1290 261d My 93.1 1275 269d mmar 1461 265d 89.7 KCVK Otterville 312-329-4460 Moody Open Une 1138 270d Country, RDS PI 59F3. Prev on 97.3 1138 Great Country 12 In a Row 94.9 KOLI 1411 RDS PI 1AD2 1398 263d Cards BB921 257d Hello Walls, Real Country Big Country 99.5 Classical 1279 256d News Channel 6. Your Favorite Country on 101.5. 101. Formerly hrd on 101.5. 101. Formerly hrd on 101.5.
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July 18				
1057 1059 1101	89.1 90.5 88.1	KWFC KNYD KDHX Dobson	Springfield Broken Arrow St. Louis	MO Family org 261 1014 OK Precepts 261 1184 MO St Louis Mention 263 856
19 <u>پايىل</u>	Es			
1 002 1007 1010	89.1 92.3 92.7	WBSN WCKW QWTDR	New Orleans Laplace Talladega	 LA Religion 233 1148 LA Marvin Gaye, 92.3 The Point 235 1180 AL Protective Zones C4, C4A, C5, B12, B13, 866-624-1590 234 810 Here's to the first of the day
1012 1014	94.9 96.5	WKSJ	Mobile Richton	AL 95 KSJ 229 1090 MS Summertime weather for South Mississippi, Highway 84 East of Collins 235 1039
1018 1020 1022 1024 1026 1028 1035	94.9 94.7 94.1 94.3 94.1 93.9 94.9	WPRF QWOPR WSJT QWIZB QWIZB WLVE WARM	Reserve Lacombe Lakeland Abbeville Marianna Miami Beach Tampa	LA INSTITUTE OF COMMS 235 11055 LA INSTITUTE OF COMMS 234 1125 FL Jazz, Lakeland Seminole Casino ad 207 AL Rel 225 886 FL Gospel Greats on WTYS 223 921 FL Soul, Love 94 199 1086 FL Magic 94.9 208 1007
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1100 1102 1104 1106 1 110	88.3 105.7 106.3 105.5 103.5	@WBIY #WWLL QWGUL @WBTT @WTBT	Union Park Labelle Sebring Beverly Hills Naples Park Bradenton	FL Life Academy in Kissimmee and St Cloud FL TFC Radio, WBIY Labelle and others 204 FL Lite FM RDS PI SFE9 205 1019 FL Standards 210 960 FL Dance 204 1093 FL RIDS PI 8701 208 1006 FL RIDS PI 8701 208 1006
1111 1112 1113 1114	103.1 107.7 107.3 106.9	QWLOQ WMGF WBBY	Winter Park Mount Dora St Petersburg	FL Jazz, RDS P17330 206 942 FL Whiney Houston, Magic 107.7 WMGF 206 FL Magic Carpet Ride, WBBY The Bay 209 FL Country 206 1026
1114 1116 1117 1120 1120 1121	106.9 106.7 105.9 105.3 104.9 104.7	WCVU WRBQ	Zolfo Springs Tavares DeLand Nocatee Solana Tampa	FL Country 206 1026 FL orlandosentinei.com, XL 105.7 207 945 FL Orlando Nightlife 206 915 FL Mexican Mx. 206 1041 FL Instrumental 206 1082 FL Sharon Dodge on Dale Mawbry In Tampa
1122 1124	104.3 107.9	WKZM QWSRZ	Sarasota Coral Cove	FL 888-SKY-ANGEL Christian 208 1047 FL Oldies 108 207 1056
1125 1127 1128 1131	107.1 106.5 106.1 105.1	QWDRR QWCTQ QWFXH WOMX	Lehigh Acres Sarasota Hilton Head laid Orlando	FL Jazz, Sam Galloway Ford Ad 204 1093 FL In Sarasota and Venice 208 1033 SC Savannah Dodge 212 696 FL Mix 105.1 205 931
1132 1133 1138 1139 1141 1143	104.1 104.1 102.7 105.1 100.7 102.5	QWRJY WTKS @WRGO @WKUB @WWRR WYNR	Brunswick Cocoa Beach Cedar Key Blackshear Brunswick Waycross	GA Black Gospel, Rejoice Musical Soulfood FL Bob Dance Imports 322-1792 205 931 FL Hanky Panky 213 941 GA RDS PI 7119 215 796 GA Arrow 100.7, The most classic rock GA Country, Osteen Toyota Q 1149, Fun
1145 1146 1147 1148 1203	102.1 102.3 102.7 98.5 107.1	QWQLC QWTRS QWXHT WKTK QWYFA	Watertown Dunnellon Madison Crystal River Waynesboro	Country. The new 102.5 WYNR213 793 FL Jerry Corbett's Affordable Mobile Homes FL Thunder Country 102.3 and 104.9 WTRS FL Moody AFB. Your Hit Music Channel 102.7 FL RDS P17109 211 925 GA Christian 219 675
1206 1212 1214	106.5 98.7		Cerebella Homerville	FL Baseball WSouthem accented accr and Port St Joe 220 967 GA oldies 98216 827 CA V 65.2 The best mixed the 806, 218, acc
1214 1218 1219 1400 1402	95.3 92.9 107.7 92.1 93.1	WDYF WRAC WBGA KHPQ KZLE	Nashville Valdosta Darien Clinton Batesville	GA Y-95.3, The best mix of the 80s. 218 835 GA Paul Harvey 217 856 GA 107.7 The Beach 212 780 AR KHPQ Clinton 255 1032 AR Ad for UACC at Batesville255 987
1402 1408 1411 1412 1414	95.3 98.5 98.7 98.9	WMSK KVOO KWTO	Morganville Tulsa Springfield SL Robert	AR Ad for UACC at Batesville255 987 KY Jose Cuervo, 95.3 WMSK 256 746 OK 918-'8-3600 261 1202 MO Sports Talk 261 1036 MO Splash Designs at Fort Leonard Wood

1416	88.5	KUMR	Rolla	MO	ROS P14619 262 937
1418	100.5	KGMY	Aurora	MO	Justice Jewelers 261 1046
1420	101.1	WVRV	East St. Louis	IL	Applebee's in Fenton 264 845
1424 1427	101.7 103.9	(ALLICE	Montgomory City	МО	50s oldies 2003 Pike County Fair 267 902
1428	105.5	@KMCR KCIY	Montgomery City Liberty	MO	Smooth Jazz, RDS PI 1630 PS The City
1430	104.5	ØWFMB	Springfield	IL	Continuous Country B-104.5 269 794
1432	88.1	KJTY	Topeka	ĸs	SRN News, Openline 270 1115
1433	107.7	KMAJ	Topeka	KS	From your friends at KMAJ 270 1131
1434	106.9	KTPK	Topeka	KS	KTPK K-Country 106.9 270 1131
1435	100.5	KMEM	Memphis	MO	In Lancaster, Kirksville. Here at KMEM
1437	102.1	KSRC			as City MO RDS PI 4144, PS Star 102
1438	94.9	WAAG	Galesburg	IL	See an Elvis Lookalike In Oquaka IL
4 400	007		1-8-4		309-867-6009 275 818
1439	96.7	OWLLI	Joliet	IL NE	River Valley Chevrolet 277 697
1441	97.7	KBBX	Nebraska City Seward	NE	SS 277 1120
1444 1448	96.9 06 F	KZKX WMT	Cedar Rapids	NE IA	At kzkx.com 278 1153 In the Press-Cltizen 280 881
1448	96.5 95.9	KCOB	Newton	IA	Country Hitmakers 279 952
1452	94.5	KKEZ	Fort Dodge	IA	Mix 94.5 282 1012
1453	93.7	KKRL	Carroll	iA	KKRL Carroll 281 1047
1454	92.7	OWKIE	Arlington Heights	ίL	SS 281 694
1455	92.5	KJJY	West Des Moines	IA	On KJJY 279 991
1456	91.3	WHHI	Highland	WI	RDS PI 67EZ 285 818
1457	91.5	@WBEZ	Chicago	IL	RDS PI 57CD 280 675
1459	89.3	OWCAL	Northfield	MN	WCAL Northfield 291 965
1500	89.7	KMSU	Mankato	MN	From Minnesota Public Radio 289 1006
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July 21	Tr				
		-	Deservative Office	MD	This Is May Music 400 005
0124	92.5	@WXMD	Pocomoke City	MD	This Is Max Music 196 205
0137	100.9	@WFM	Southern Shores	NC	WFMI Musical Soulfood. CC Radio Ad
0203	89.9	@WJPH	Woodbine	NJ	AFR Nx and local wx 186 119
July 21	Ee				
1121	90.3	CBNM	Marystown	NF	CBC EE 60 1051
1122	92.1	CJOZ	Bonavista Bay	NF	Oz FM 56 1174
1130	93.7	@CBNL	Clarenville	NF	Believed to be the CBC // 90.3. SL Andrews
					is too far North 57 1126
1135	94.9	CKGE	Sydney	NS	Barry MacKinnon weekday mornings at 6
1150	94.7	CHOZ	St Johns	NF	CNN Network Nx 60 1169
1201	95.3	@CBNQ	Trepassey	NF	CBC Nx and Crosstalk New Grid 62 1124
1208	97.5	@VOCM	St Johns	NF	Elton John. Newfoundland's Classic Rock
					K-Rock 60 1170
	100.3	@CFOZ	Argentia	NF	Oz FM 60 1107 CBC FF 60 1170
		@CBAX-2	St Johns	NF	
	105.9 II		St Johns		
				NF	CBC FF 60 1165
	106.9	@CBN	St. Johns	NF	CBC FF 60 1165 Classical CBC Style 60 1165
	99.1	CKIX	St. Johns St. Johns	NF NF	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station KIx FM
	99.1 89.3	CKIX KRSW	St. Johns St. Johns Worthington	NF NF MN	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station KIx FM Minnesota Public Radio 288 1100
	99.1 89.3 88.1	CKIX KRSW KRSD	St. Johns St. Johns Worthington Sioux Falls	NF NF MN SD	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station KIx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140
	99.1 89.3 88.1 94.3	CKIX CKIX KRSW KRSD KDOM	St. Johns St. Johns Worthington Sioux Falls Windom	NF NF MN SD MN	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station KIx FM 1100 Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063
	99.1 89.3 88.1 94.3 94.5	CKIX KRSW KRSD KDOM CJRG	St. Johns St. Johns Worthington Sioux Falls Windom Gaspe	NF NF MN SD MN QC	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM 1100 MINnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748
	99.1 89.3 88.1 94.3 94.5 94.5	CEN CKIX KRSW KRSD KDOM CJRG KPLO	St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance	NF NF SD MN QC SO	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283
	99.1 89.3 88.1 94.3 94.5 94.5 96.3	CEN CKIX KRSW KRSD KDOM CJRG KPLO CIOZ	St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown	NF NF MN SD MN QC	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052
	99.1 89.3 88.1 94.3 94.5 94.5	CEN CKIX KRSW KRSD KDOM CJRG KPLO	St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre	NF MN SD MN QC SO NF	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283
	99.1 89.3 88.1 94.3 94.5 94.5 96.3 92.5	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7	St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown	NF NF SD MN QC SO NF	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828
	99.1 89.3 88.1 94.3 94.5 94.5 96.3 92.5 94.9 96.5	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJJK	St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring	NF MN SD MN QC SO NF MN	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station KIx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 MX Time Machine 294 1038
	99.1 89.3 88.1 94.3 94.5 94.5 96.3 92.5 94.9 96.5	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK	St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring Fergus Falls Hearst Moorehead	NF NF SD MN QC SO NF MN MN	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 Mt Time Machine 294 1038 Country Challenge 296 1121
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10010	99.1 89.3 88.1 94.3 94.5 94.5 96.3 92.5 94.9 96.5 90.3 90.3 90.9 91.5	CBN CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJJK CBON-20 KCCD	St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud	NF NF MN SD MN QC SO NF CC MN MN MN MN	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 MKTIME 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031
10214	99.1 89.3 88.1 94.5 94.5 96.5 96.5 90.3 90.3 90.3 90.3 91.5 91.9	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJJK CBON-26 KCCD KCCD KCCD KCCD	St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst	NF NF MN SD MN QC SO NF OC MN MN MN MN ON	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station KIx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 Mx Time Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031 Jazz, CBC busting thru 91.9 local 327 735
	99.1 89.3 88.1 94.5 94.5 94.5 94.5 94.9 96.5 90.3 90.3 90.9 91.5 91.9 92.7	CCBN CKIX KRSW KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJJK CCDN2C KCCD KCMN CKCFB CCDX CBWS	St. Johns St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst Brandon	NF MN SD MN QC SO NF MN MN MN MN MN MN MN MB	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 MX Time Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031 Jazz, CBC busting thru 91.9 local 327 735
3823	99.1 89.3 88.1 94.3 94.5 94.5 94.5 96.3 92.5 90.3 90.9 90.9 90.9 91.5 91.9 91.5 92.7 92.7	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJJK CBON-20 KOMN CKCFB CBWS CBWS	St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst Brandon Fisher Branch	NF MN SD MN QC SO NF MN MN MN MN MN MN MN MB	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 Mt Time Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031 Jazz, CBC busting thru 91.9 local 327 735 CBC, Presumed 310 1296
	99.1 89.3 88.1 94.3 94.5 94.5 94.5 96.5 90.3 90.3 90.3 90.9 91.5 91.9 92.7 95.7 93.5	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJJK CBON-26 KCCD KCCD KCCD CBWS CBWS CBWX CJEL	St. Johns St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst Brandon Fisher Branch Winkler	NF MN SD MN QC SO NF MN MN MN MN MN MN MN MB MB	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 Mat Time Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031 Jazz, CBC busting thru 91.9 local 327 735 CBC, Presumed 310 1296 Thru local WSBG 304 1262
	99.1 89.3 88.1 94.3 94.5 94.5 96.3 92.5 94.9 90.5 90.3 90.9 91.5 91.9 92.7 93.5 91.5	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJJK CBON 20 KCCD KCCD CBWS CBWS CBWS CBWS CBWS CBWS	St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst Brandon Fisher Branch Winnipeg	NF NF SD MN QC SO NF MN MN ON MN MN ON MB MB MB	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 MX Time Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031 CBC, Presumed 310 1296 Thru <i>local</i> WSBG 304 1262 Country, MCI FM, the Spirit of Manitoba 1426
1982	99.1 89.3 94.3 94.5 94.5 96.3 92.5 96.3 90.3 90.3 90.3 90.9 91.5 91.5 91.5 91.3	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJJK CBON-20 KMXK CBWS CBWS CBWS CBWS CBWS CBWS	St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Coid Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst Brandon Fisher Branch Winkler Winnipeg Four Bears	NF NF SD MN QC SO NF MN ON MN MN MB MB MB MB NO	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 Minime Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031 Jazz, CBC busting thru 91.9 local 327 735 CBC, Presumed 310 1296 Thru local WSBG 304 1262 Country, MCI FM, the Spirit of Manitoba Indian Chants
2022	99.1 89.3 94.3 94.5 94.5 96.3 92.5 94.9 96.5 91.9 90.3 90.9 91.5 91.9 91.5 91.5 91.5 91.5 91.5 91	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJJK CBON-26 KCCD KCCD KCCD CBWS CBWS CBWS CBWS CBWS CJEL CIWM	St. Johns St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst Brandon Fisher Branch Winkler Winnipeg Four Bears Kapuskasing	NF NF SD MN QCO SO NF MN ON MN MN ON BB MB MD ON	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 Mat Time Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031 Jazz, CBC busting thru 91.9 local 327 735 CBC, Presumed 310 1296 Thru <i>local</i> WSBG 304 1262 Country, MCI FM, the Spirit of Manitoba Indian Chants Indian Chants 298 1452
196224	99.1 89.3 94.3 94.5 94.5 94.5 96.3 92.5 94.9 90.3 90.9 91.5 91.9 92.7 93.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJJK CBON-20 KKCFB CBWS CBWS CBWS CBWS CBWS CBWS CBWS CBW	St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst Brandon Fisher Branch Winkler Winnipeg Four Bears Kapuskasing Winnipeg	NF NF SD MN QO NF MN MN MN MN MN MB BB MB NO N MB MB NO N BB	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 MX Time Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031 Jazz, CBC busting thru 91.9 local 327 735 CBC 305 1361 CBC, Presumed 310 1296 Thru <i>local</i> WSBC 304 1262 Country, MCI FM, the Spirit of Manitoba Indian Chants 298 1452 FF. 323 30 680 680
2022	99.1 89.3 94.3 94.5 94.5 96.3 92.5 94.9 96.5 91.9 90.3 90.9 91.5 91.9 91.5 91.5 91.5 91.5 91.5 91	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJK KJK KJK KCCD KCCD KCCD CBWS CBWX CJEL CIWM CJKR	St. Johns St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst Brandon Fisher Branch Winkler Winnipeg Four Bears Kapuskasing Winnipeg	NF NF NF NF NF NF NF NF NF NF NF NF NF N	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 MK Time Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031 Jazz, CBC busting thru 91.9 local 327 735 CBC, Presumed 310 1296 Thru local WSBG 304 1262 Country, MCI FM, the Spirit of Manitoba 1ndian Chants Indian Chants 298 1452 FF, Jazz 330 680 Country 07 1257 RDS PI F000, Power 97 307 1245
	99.1 89.3 88.1 94.3 94.5 96.3 92.5 90.3 90.9 91.5 91.9 92.7 93.5 91.5 91.3 90.7 93.5 91.3 90.7 93.5 91.5 91.3 90.7 93.5 91.3 90.7 93.5 91.3 90.7 93.5	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJJK CBON-26 KCCD KCCD KCCD CBWS CBWX CJEL CIWM CJKR CHVN CJKR CBW	St. Johns St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst Brandon Fisher Branch Winkler Winnipeg Winnipeg	NF NF SD NC OSO NF MN NO NB MB ND NB MB ND NB BB ND NB BB ND NB BB ND NB NB ND ND ND NC ND NC ND NC ND NC ND ND NC ND ND NC ND ND NC ND ND ND ND ND ND ND ND ND ND ND ND ND	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 Mt Time Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031 Jazz, CBC busting thru 91.9 local 327 735 CBC 305 1361 CBC, Presumed 310 1296 Thru local WSBG 304 1262 Country, MCI FM, the Spirit of Manitoba 1ndian Chants Indian Chants 298 1452 FF, Jazz 30 680 600 Country 307 1257 RDS PI F000, Power 97 307 1245 Classical 307
2022	99.1 88.3 94.5 94.5 96.5 92.5 90.3 90.3 90.3 90.9 91.5 91.9 95.7 93.5 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJK KJK KJK KCCD KCCD KCCD CBWS CBWX CJEL CIWM CJKR	St. Johns St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst Brandon Fisher Branch Winkler Winnipeg Four Bears Kapuskasing Winnipeg	NF NF NF NF NF NF NF NF NF NF NF NF NF N	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 MX Time Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031 Jazz, CBC busting thru 91.9 local 327 735 CBC, alos 1361 CBC, Presumed 310 1296 Thru <i>local</i> WSBG 304 1262 Country, MCI FM, the Spirit of Manitoba Indian Chants 298 T452 FF FT, Jazz 30 680 Country T007 1257 RDS PI F000, Power 97 307
1923	99.1 89.3 88.1 94.3 94.5 94.5 94.5 94.9 96.5 90.3 90.9 91.5 91.9 92.7 93.5 91.5 91.3 90.7 93.5 91.5 91.3 90.7 95.7 95.7 95.7 93.5 91.3 90.7 95.7 95.7 90.3 90.9 90.9 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJJK CBON-26 KCCD KCCD CBWS CBWS CBWS CBWS CBWS CBWS CBWS CBWS	St. Johns St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cod Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst Brandon Fisher Branch Winnipeg Four Bears Kapuskasing Winnipeg Winnipeg Dryden Grafton	NF NM SD MC SO F MN NO MN MN SD MC SO F MN ON B MB MD SO F MN ON B MB MD SO F MN ON SO F MN SO SO F MN SO SO F MN SO SO F MN SO SO F SO SO SO SO SO SO SO SO SO SO SO SO SO	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 Mx Time Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031 Jazz, CBC busting thru 91.9 local 327 735 CBC 305 1361 CBC, Presumed 310 1296 Thru <i>local</i> WSBC 304 1262 Country, MCI FM, the Spirit of Manitoba Indian Chants 298 1452 FF 30 680 Country 307 1257 RDS PI F000, Power 97 307 <
1021	99.1 89.3 88.1 94.5 94.5 94.5 94.5 92.5 92.5 92.5 90.3 90.9 90.3 90.9 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91	CKIX KRSW KRSD KDOM CJRG KPLO CBSI-7 KMXK KJJK CBSI-7 KMXK KKCD KMXK CBWX CBWX CBWX CBWX CBWX CBWX CBWX CBWX	St. Johns St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cold Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst Brandon Fisher Branch Winkler Winnipeg Four Bears Kapuskasing Winnipeg Winnipeg Dryden Grafton Devils Lake	NF N	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 288 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 Mu Time Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 /190.9 301 1180 SRN 294 1031 Jazz, CBC busting thru 91.9 local 327 735 CBC 305 1361 CBC, Presumed 310 1296 Thru <i>local</i> WSBG 304 1262 Country, MCI FM, the Spirit of Manitoba Indian Chants 298 1452 FF FT, Jaz 330 680 Country 307 1257 RDS PI F000, Power 97 307 1245 Classical 307 1257 <
1982	99.1 89.3 88.1 94.3 94.5 94.5 94.5 94.9 96.5 90.3 90.9 91.5 91.9 92.7 93.5 91.5 91.3 90.7 93.5 91.5 91.3 90.7 95.7 95.7 95.7 93.5 91.3 90.7 95.7 95.7 90.3 90.9 90.9 91.5 91.5 91.5 91.5 91.5 91.5 91.5 91	CKIX KRSW KRSD KDOM CJRG KPLO CIOZ CBSI-7 KMXK KJJK CBON-26 KCCD KCCD CBWS CBWS CBWS CBWS CBWS CBWS CBWS CBWS	St. Johns St. Johns St. Johns Worthington Sioux Falls Windom Gaspe Reliance Marystown Havre St. Pierre Cod Spring Fergus Falls Hearst Moorehead Thief River Falls St Cloud Hearst Brandon Fisher Branch Winnipeg Four Bears Kapuskasing Winnipeg Winnipeg Dryden Grafton	NF NFN SD NC SO NFN SD NC SO NFN SD SO NO SD	CBC FF 60 1165 Classical CBC Style 60 1165 Newfoundlands Music Station Klx FM Minnesota Public Radio 288 1100 MPR // 88.1 286 1140 Paul Harvey 286 1063 FF 40 748 RDS PI 38C8 288 1283 Oz FM 60 1052 FF 36 828 Mt Time Machine 294 1038 Country Challenge 296 1121 FF 327 735 NPR 297 1159 //190.9 301 1180 SRN 294 1031 Jazz, CBC busting thru 91.9 local 327 735 CBC 305 1361 CBC, Presumed 310 1296 Thru <i>local</i> WSBG 304 1262 Country, MCI FM, the Spirit of Manitoba Indian Chants Indian Chants 298 1452 FF, Jazz 30 680 Country 307 1245 Classical 307 1257 CBC Talk311 1060 Classical 307

2151	94.5	KODY	Bismarck	NO	KQ 94.5 296 1351		
2158	89.7	@KCMF	Fergus Falls	MN	KCMF Fergus Falls 296	1129	
2159	89.3	CBON-20	Thunder Bay	ON	FF 311 883		
2206	92.9	KKXL	Grand Forks	NO	Dance Countdown, XL-93	301	1198
2208	93.3	KSJZ	Jamestown	NO	Dance 297 1257		
2302 -	887	KEBN	Fago	NO	Heaven 887 298 1190		

JOHN JEFFERSON 826 23rd St. SF, Auburn WA 98002quipment McIntosh MR80 tuner APS-13, with Radio Shack rotor. It's about 20' off the ground

April 21 Es

April 21	Es				
1958 1959 2050 2051 2052 2100 2107	KBYU KRST KHFM KBZU KPTE KQMB	89.1 91.5 92.3 95.5 96.3 99.7 102.7	Provo Albuquerque Santa Fe Albuquerque Durango Midvale		Classic 89, KBYU Calls Classical-music talk, a/c 505 96-3 the Buzzard ID, The Point Star 1027
<u>May 29</u>	Es				
2044 2049 2053 2053 2054 2101 2107 2109 2117 2123 2127 2131 2123 2127 2131 2135 2137 2141 2201	KFSH KIOI KALZ KHKK KPIG KSMY KJSN KXNN KXTZ KDAR KUN KUDA KUDA KUDA KUDA KUDA KUDA KUDA KUDA	95.9 101.3 102.7 104.1 107.5 106.7 95.3 95.3 95.3 94.7 98.3 102.9 100.5 98.3 107.3 105.5 101.3 99.1 91.5	Anaheim San Francisco Fresno Modesto Freedom Lompoc Modesto Pismo Beach Fair Oaks Turlock McFarland Templeton Oxnard Grover Beach Guadalupe Los Osos Santa Maria Lompoc	CA	95.9 the Fish San Jose, San Francisco refs Fresno ad Localads Watsonville & Soquel refs Santa Maria ad Sunny 102.3 The Beach 100.5 d In the South County 95.3 Calls Local ads, K-Win Sp, Radio Lobo Morro Bay 8 other local refs g, Ventura ref Real Rock 107.3 the Rock Sp, Santa Maria ref Central Coast ref, Sly 96.1 plug The Fox Calls
<u>May 30</u>	Es				
1553 1557 1559 1607 1612 1621 1622	KRKS KJMN KOSI KXKL KKCS KTHN KYSL	94.7 92.1 101.1 105.1 101.9 92.1 93.9	Lafayette Castle Rock Denver Colorado Springs La Junta Frisco	CO "	Calls, CO refs Sp, Radio Romantics 303 a/c Cool 105 KCS 102 Lahona, Rocky Ford refs Crystal 93
June 9 F	s				
1907 1916 1921 1927 1937 1945 1955 1957 1958 2002 2010 2012 2016 2017 2019 2021 2023 2025	CINC CJNE CJNE CJNE CJNE CJNE CJNE CJNE CJ	96.3 94.7 98.3 105.5 93.5 94.7 97.5 93.7 102.7 103.1 91.1 103.3 91.9 91.5 90.5 101.9 100.5 98.3 93.5 98.3 93.5 91.5	Thompson Nipawin Saskatoon Winkler Nipawin Winnt Thief River Falls Winnipeg Thief River Falls Moorhead ???? Fergus Falls Fargo Jamestoon Bismarck Fargo St James Carrington Winkler Reinnce Pierpont	MB SA MB NO MB MN NO NO MN NO MB SO	Spirit of Manitoba Tisdale F Nipawin ads Magic 98.3, Saskatoon ref CBC Radio 2, c The Eagle 93.5 FM Calls Local refs Z-94 MPR web site, MN nx Hot 103 Classical guitar // 91.1 1/91.5, varied on MPR website Al-new Cool 103.9 Z-103, Wadena Classical // 91.5 d 90.5 // 91.9 1/91.5 Fargo ad Oldies 100.5 FM Jamestown, etc, refs Eagle wx Center, high of 20 Jazz 1190.9, etc. // 91.1 (of local KVTI)
2026	KUSD	89.7	Vermillion		//91.1

						1024	VCTI	102 7	Pouldor City	NIV/	Stor 1027
2027	KESD	88.3	Brookings		// 89.7	1934 1935	KSTJ KMXM	102.7	Boulder City	NV AZ	Star 1027
2029	KESD	97.1	Faith		// 88.3, McPartland Piano Jazz	1935	KSNE	107.3	Colorado City Las Vegas	AZ NV	S. UTs New Mix 107.3 Sunny to6.5
2030	KACL	98.7	Bismarck	NO	Cod 98.7	1007	KORT	105.1 105.5	Eus Vogus		R. Tricolor, ptna
2031	KTWB	101.9	Sioux Falls	SD	Calls	1941	??	58.3	7777	??	Star 98 FM
2035	KDBX	101.7	Clear Lake		X-107.1	1942	KXPT	97.1	Las Vegas	NV	ID
2036	????	105.7	????	??	The Swine? Super Pig 105.7		KRJC	95.3	Elko		Calls
2040	KUQL	98.3	WessIngton Spgs	SD	Cod 98, Mitchell	1943	KDSS	92.7	Ely		Downtown Ely ad
2044	KVHT KKLS	106.3 104.7	Vermillion Sioux Falls		Mb (106 Hot 104.7	1950	KQAZ	101.7	Springerville	AZ	Plug for Q-Country 92.5; Show Low, etc., refs
2045 2049	KSEZ	97.9	Sioux City	IA	Sioux City ad	1952	KLUC	98.5	Las Vegas	NV	Calls
2049	KORN	107.3	Mitchell	SD	Mitchell ads	1953	KKLZ	96.3			
2002	KDSN	107.3	Denison	IA	Calls	1955	KNAA		Show Low	AZ	c/1 88.7 & 90.3
2054	WNAX	104.1	Yankton	SD	New B Country	1958	CZPT	104.90.1	Tucson		Tucson ad
2055	KAYL	101.7	Storm Lake	IA	NW We KAYL	1959	KNPR	89.5	Las Vegas	NV	Calls o/ local KNHC
2000	2222	101.3	????	??	Quad 101.3	2005	KFMM	99.1	Thatcher	AZ	Thatcher ad
2057	KOUT	98.7	Rapid City	SD	The Cat	2010 2018	KQST	102.3 10.9	Payton Sedona	AZ	Mega 104.3 & 99.3 SiaAztati ad
2058	KWPN	107.9	West Point	NE	Emergency alert for Omaha area	2018	KIIM	99.5	Tucson	AZ	Dishizidu du
2102	KSOU	93.9	Sioux Center	IA	Calls	2020	KSNX	93.5	Shaw Low	γ	Sunny 93.5
2103	KKOT	93.5	Columbus	NE	Columbus ref	2024 .	KKFR	92.3	Phoenix	·	Power 923
2104	KKYA	93.1	Yankton	SD	KK-93	2026	KFLX	105.1	na Village		Calls
2105	KQRQ	92.3	Rapid City		Rapid City's new 92-3	2029	KHYT	107.5	Tucson		ales Hwy ad
2106	KBHE	89.3	Desciel Office		c // 89.7 d 88.3	2042	KCMT	102.1	Oro Valley		La Caliente
2112	KICK	104.1	Rapid Oty	SD	Big Country 104.1 Deadwood, Spearfsh; Crazy Ctry	2043	KJJJ	102.3	Lake Havasu City		K Triple J
2119	KZZI	95.9	Belle Fourche Sioux City	IA	Sioux City ref	2049	KMLE	107.9	Chandler		Camel Country 108
04.04	KGLI	95.5 95.1	Deadwood	SD	K-Sky	2053	KMXP	96.9	Phoenix		Mix 96 -9 0/ KGY
2121	KSOY KKOT	93.5	Columbus	30	The Hawk	2055	KOOL	94.5			Chandler & Tempe ads
2122 2128	KNEN	93.3 94.7	Norfolk	NE	Mix 94.7, NE NE's biggest ear.	2056	KOYT	92.9	Tucson		New Coyote Country G KISM Bdlingham
2120	KOSD	94.7	Lowry	SD	c // 91.1, 90.7, 89.7, 88.3	2106	KROQ	93.7	a		KRQ
2100	ROOD	90.7	Edgemont	SD	c /191.9, 91.1, 89.7, 88.3	2115	KNOT	100.3	Globe		CallsPhoenix ad, La Favorite
2133	KMHK	95.5	Hardin	MT	The Hawk	2116	(ALAC)	99.1	Prescott		c/188.7
						2121 2123	KNAQ KPPV	89.3 106.7	Draggett Valley		Prescott Valley ad
June 13	Es					2123	KKLZ	96.3	Prescott Valley Las Vegas	NV	Calls
						2130	KUAZ	90.3 89.1	Tucson	AZ	j, K AZ
1922	KSDS	88.3	San Diego	CA	Calls	2141	XHBA	104.1	Mexicali	BJ	Rimsky-Korsakov: Antar Sym. versed at
1924	XHLNC	90.7	Tijuana	BJ	Listen to Excellence, c	2	Anon		website	20	
						2145	KYOT	95.5	Phoenix	AZ	Calls
June 14	Es					2	XETRA	91.1	Tijuana	BJ	San Diego ad
1050	141414	~~ -			The Dealt K lak 02 Z	2149	KMLE	107.9	Chandler	AZ	Camel Country
1959	KJAK	92.7	Slaton	TX	The Rock, KJak 92.7	2201	XHNI	105.1	Nogales	IN	Sp, " en Sonora"
2003	KLLL	96.3	Lubbock	•	K Triple L				Nogales		
2003 2022	KLLL KENW	96.3 89.5	Lubbock	, NM	K Triple L Riverwalk Jazz, versed on website		XHNI		Nogales		
2003	KLLL	96.3	Lubbock	•	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke;	2201 June 20	XHNI <u>) Es</u>	105.1	-	IN	Sp, " en Sonora"
2003 2022 2026	KLLL KENW KVRH	96.3 89.5 92.3	Lubbock Portales Salida	, NM	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley	2201	XHNI		Nogales Reno		
2003 2022 2026 2030	klll Kenw Kvrh	96.3 89.5 92.3 101.3	Lubbock Portales Salida Durango	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID	2201 <u>June 20</u> 1806	XHNI DEs KUNR	105.1	-	IN	Sp, " en Sonora"
2003 2022 2026 2030 2039	KLLL KENW KVRH KKEG	96.3 89.5 92.3 101.3 104.5	Lubbock Portales Salida Durango Bloomfield	, NM	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley	2201 June 20	XHNI DEs KUNR	105.1	-	IN	Sp, " en Sonora"
2003 2022 2026 2030 2039 2045	klll Kenw Kvrh	96.3 89.5 92.3 101.3 104.5 96.9	Lubbock Portales Salida Durango	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad	2201 June 20 1806 June 25	XHNI DEs KUNR SEs	105.1 88.7	Reno	IN NV	Sp, " en Sonora" Calls
2003 2022 2026 2030 2039 2045 2048	KLLL KENW KVRH KICX KKFG KDAG	96.3 89.5 92.3 101.3 104.5	Lubbock Portales Salida Durango Bloomfield Farmington	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary	2201 June 20 1806 June 25 1950	XHNI DEs KUNR DEs KREJ	105.1 88.7 101.7	Reno Medicine Lodge	IN NV KS	Sp, " en Sonora" Calls Walking in the Word (ph verse)
2003 2022 2026 2030 2039 2045	KLLL KENW KVRH KKFG KDAG KBOI	96.3 89.5 92.3 101.3 104.5 96.9 107.9	Lubbock Portales Salida Durango Bloomfield Farmington Albuquerque	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLOVE	2201 June 20 1806 June 25	XHNI DEs KUNR SEs	105.1 88.7	Reno	IN NV	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail
2003 2022 2026 2030 2039 2045 2048 2049	KLLL KENW KVRH KKFG KDAG KBOI KNKT	96.3 89.5 92.3 101.3 104.5 96.9 107.9 107.1	Lubbock Fortales Salida Durango Bloomfield Farmington Albuquerque Armin Grants Durango	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLove The Point	2201 June 20 1806 June 25 1950	XHNI LES KUNR SES KREJ KZEW	105.1 88.7 101.7 101.7	Reno Medicine Lodge Wheatland	IN NV KS WY	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ.
2003 2022 2026 2030 2039 2045 2045 2048 2049 2050 2052 2059	KLLL KENW KVRH KKFG KDAG KDAG KBOI KNKT KOLV KPTE KWMW	96.3 89.5 92.3 101.3 104.5 96.9 107.9 107.1 105.5 99.7 105.1	Lubbock Portates Salida Durango Bioomfield Farmington Albuquerque Armijo Grants Durango Maljamar	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLove The Point ID	2201 June 20 1806 June 25 1950 1951	XHNI DEs KUNR SES KREJ KZEW KFDI	105.1 88.7 101.7 101.7 101.3	Reno Medicine Lodge Wheatland Wichita	IN NV KS	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls
2003 2022 2026 2030 2039 2045 2048 2049 2050 2052	KLLL KENW KVRH KKFG KDAG KBOI KNKT KOLV KPTE KWMW KLBO	96.3 89.5 92.3 101.3 104.5 96.9 107.9 107.1 105.5 99.7 105.1 97.7	Lubbock Portates Salida Durango Bloomfield Farmington Albuquerque Armijo Grants Durango Maljamar Been	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLove The Point ID ID	2201 June 20 1806 June 25 1950 1951 1956	XHNI DEs KUNR 5Es KREJ KZEW KFDI KGGG	105.1 88.7 101.7 101.7 101.3 94.7	Reno Medicine Lodge Wheatland Wichita Sterling	IN NV KS WY	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7
2003 2022 2026 2030 2039 2045 2048 2049 2050 2052 2059 2100 2105	KLLL KENW KVRH KKFG KDAG KBOI KNKT KPTE KWMW KLBO KBZU	96.3 89.5 92.3 101.3 104.5 96.9 107.9 107.1 105.5 99.7 105.1 97.7 96.3	Lubbock Portales Salida Durango Bloomfield Farmington Albuquerque Armin Grants Durango Majamar Been Albuquerque	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLOVE The Point ID ID	2201 June 20 1806 June 25 1950 1951	XHNI DEs KUNR SES KREJ KZEW KFDI	105.1 88.7 101.7 101.7 101.3	Reno Medicine Lodge Wheatland Wichita	IN NV KS WY	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7 NW Country's New Power House,
2003 2022 2026 2030 2039 2045 2048 2049 2050 2052 2059 2105 2113	KLLL KENW KVRH KKFG KDAG KDOI KNKT KOLV KPTE KWMW KLBO KBZU KGLX	96.3 89.5 92.3 101.3 104.5 96.9 107.9 107.1 105.5 99.7 105.1 97.7 96.3 99.1	Lubbock Portates Salida Durango Bioomfield Farmington Albuquerque Armijo Grants Durango Maljamar Been Albuquerque Gallup	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLOVE The Point ID ID Calls	2201 June 20 1806 June 25 1950 1951 1956	XHNI DEs KUNR 5Es KREJ KZEW KFDI KGGG	105.1 88.7 101.7 101.7 101.3 94.7	Reno Medicine Lodge Wheatland Wichita Sterling	IN NV KS WY	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7
2003 2022 2026 2030 2039 2045 2048 2049 2050 2052 2059 2100 2105 2113 2118	KLLL KENW KVRH KKFG KDAG KBOI KNKT KOLV KPTE KWMW KLBO KBZU KGLX KTSO	96.3 89.5 92.3 101.3 104.5 96.9 107.9 107.1 105.5 99.7 105.1 97.7 96.3 99.1 103.3	Lubbock Portates Salida Durango Bloomfield Farmington Albuquerque Armino Grants Durango Maljamar Been Albuquerque Gallup Albuquerque	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLove The Point ID ID Calls NM's alternative rock	2201 June 20 1806 June 25 1950 1951 1956 1959	XHNI DEs KUNR DEs KREJ KZEW KFDI KGGG KWGB	105.1 88.7 101.7 101.7 101.3 94.7 97.9	Reno Medicine Lodge Wheatland Wichita Sterling Colby	IN NV KS WY	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7 NW Country's New Power House, KWGB Cotby
2003 2022 2026 2030 2039 2045 2048 2050 2052 2059 2100 2105 2113 2118 2122	KLLL KENW KVRH KKFG KDAG KBOI KNKT KOLV KPTE KWMW KLBO KBZU KGLX KTSO KRSY	96.3 89.5 92.3 101.3 104.5 96.9 107.1 105.5 99.7 105.1 97.7 96.3 99.1 103.3 92.7	Lubbock Portates Salida Durango Bioomfield Farmington Albuquerque Armino Grants Durango Maljamar Been Albuquerque Gallup Albuquerque La Luz	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLow The Point ID ID ID Calls NM's alternative rock Calls	2201 June 20 1806 June 25 1950 1951 1956 1959	XHNI DES KUNR SES KREJ KZEW KFDI KGGG KWGB	105.1 88.7 101.7 101.7 101.3 94.7 97.9	Reno Medicine Lodge Wheatland Wichita Sterling Colby	IN NV KS WY	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7 NW Country's New Power House, KWGB Cotby
2003 2022 2026 2030 2045 2045 2048 2049 2059 2105 2105 2113 2118 2122 2127	KLLL KENW KVRH KKFG KDAG KDAG KDAG KDAG KDAG KDAG KDAG KDA	96.3 89.5 92.3 101.3 104.5 96.9 107.1 105.5 99.7 105.1 97.7 96.3 99.1 103.3 92.7 98.7	Lubbock Portates Salida Durango Bioomfield Farmington Albuquerque Armijø Grants Durango Maljamar Been Albuquerque Gallup Albuquerque La Luz Truth or Conseq.	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLove The Point ID ID Calls NM's alternative rock Calls Calls	2201 June 21 1806 June 25 1950 1951 1956 1959 2013	XHNI DES KUNR SES KREJ KZEW KGGG KWGB KHAZ	105.1 88.7 101.7 101.3 94.7 97.9 99.5	Reno Medicine Lodge Wheatland Wichita Sterling Colby Hays	IN NV KS WY	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7 NW Country's New Power House, KWGB Cotby
2003 2022 2026 2030 2039 2045 2048 2050 2052 2059 2100 2105 2113 2118 2122	KLLL KENW KVRH KKFG KDAG KBOI KNKT KOLV KPTE KWMW KLBO KBZU KGLX KTSO KRSY	96.3 89.5 92.3 101.3 104.5 96.9 107.1 105.5 99.7 105.1 97.7 96.3 99.1 103.3 92.7	Lubbock Portates Salida Durango Bioomfield Farmington Albuquerque Armino Grants Durango Maljamar Been Albuquerque Gallup Albuquerque La Luz	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLow The Point ID ID ID Calls NM's alternative rock Calls	2201 June 21 1806 June 25 1950 1951 1956 1959 2013	XHNI DEs KUNR SEs KREJ KZEW KHOI KGGG KWGB KHAZ	105.1 88.7 101.7 101.7 101.3 94.7 97.9 99.5 90.7	Reno Medicine Lodge Wheatland Wichita Sterling Colby Hays	IN NV KS WY	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7 NW Country's New Power House, KWGB Colby Elba County, Hays refs Folk/bluegrass !/91.5
2003 2022 2026 2030 2039 2045 2048 2049 2050 2052 2059 2100 2105 2113 2113 2113 2122 2127 2133	KLLL KENW KVRH KKFG KDAG KBOI KNKT KOLV KPTE KWMW KLBO KBZU KGLX KGLX KGLX KGSY KKVS KYEE	96.3 89.5 92.3 101.3 104.5 96.9 107.1 105.5 99.7 105.1 97.7 96.3 99.1 103.3 92.7 98.7	Lubbock Portates Salida Durango Bioomfield Farmington Albuquerque Armijø Grants Durango Maljamar Been Albuquerque Gallup Albuquerque La Luz Truth or Conseq.	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLove The Point ID ID Calls NM's alternative rock Calls Calls	2201 June 20 1806 June 20 1950 1951 1956 1959 2013 July 5 E 2105	XHNI LES KUNR SES KREJ KZGG KUGG KGGG KHAZ S KZYX	105.1 88.7 101.7 101.3 94.7 97.9 99.5 90.7 91.5	Reno Medicine Lodge Wheatland Wichita Sterling Colby Hays	IN NV KS WY KS	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7 NW Country's New Power House, KWGB Colly Elba County, Hays refs Folk/bluegrass !/91.5 //90.7
2003 2022 2026 2030 2045 2045 2048 2049 2059 2105 2105 2113 2118 2122 2127	KLLL KENW KVRH KKFG KDAG KBOI KNKT KOLV KPTE KWMW KLBO KBZU KGLX KGLX KGLX KGSY KKVS KYEE	96.3 89.5 92.3 101.3 104.5 96.9 107.1 105.5 99.7 105.1 97.7 96.3 99.1 103.3 92.7 98.7	Lubbock Portates Salida Durango Bioomfield Farmington Albuquerque Armijø Grants Durango Maljamar Been Albuquerque Gallup Albuquerque La Luz Truth or Conseq.	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLove The Point ID ID Calls NM's alternative rock Calls Calls	2201 June 2f 1806 June 2f 1950 1951 1956 1959 2013 July 5 E 2105 2115	XHNI DEs KUNR SES KREJ KZGG KWGB KHAZ KZYX KZYZ KMFB	105.1 88.7 101.7 101.7 101.3 94.7 97.9 99.5 90.7 91.5 92.7	Reno Medicine Lodge Wheatland Wichita Sterling Colby Hays Philo Willits Mendocino	IN NV KS WY KS	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7 NW Country's New Power House, KWGB Colby Elba County, Hays refs Folk/bluegrass !/91.5 //90.7 IF Giants bb
2003 2022 2026 2030 2039 2045 2048 2050 2052 2059 2100 2105 2113 2118 2122 2127 2133 June 11	KLLL KENW KVRH KKFG KDAG KDAG KDAG KOAK KNKT KOLV KRO KRO KRSY KKVS KYEE	96.3 89.5 92.3 101.3 104.5 96.9 107.1 105.5 99.7 105.1 97.7 96.3 99.1 103.3 92.7 98.7	Lubbock Portates Salida Durango Bioomfield Farmington Albuquerque Armijø Grants Durango Maljamar Been Albuquerque Gallup Albuquerque La Luz Truth or Conseq.	, NM CO	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLove The Point ID ID Calls NM's alternative rock Calls Calls	2201 June 20 1806 June 20 1950 1951 1956 1959 2013 July 5 E 2105	XHNI LES KUNR SES KREJ KZGG KUGG KGGG KHAZ S KZYX	105.1 88.7 101.7 101.3 94.7 97.9 99.5 90.7 91.5	Reno Medicine Lodge Wheatland Wichita Sterling Colby Hays	IN NV KS WY KS	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7 NW Country's New Power House, KWGB Colby Elba County, Hays refs Folk/bluegrass !/91.5 //90.7 IF Giants bb bb // 92.7 (e-mail eerie: KMFB &
2003 2022 2026 2030 2039 2045 2048 2049 2050 2052 2059 2100 2105 2113 2113 2113 2122 2127 2133	KLLL KENW KVRH KKFG KDAG KBOI KNKT KOLV KPTE KWMW KLBO KBZU KGLX KGLX KGLX KGSY KKVS KYEE	96.3 89.5 92.3 101.3 104.5 96.9 107.9 107.1 105.5 99.7 105.1 97.7 96.3 99.7 103.3 92.7 94.3	Lubbock Portates Salida Durango Bloomfield Farmington Albuquerque Armin Grants Durango Maljamar Been Albuquerque Gallup Albuquerque La Luz Truth or Conseq. Alamogordo	, NM CO NM	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLove The Point ID ID Calls NM's alternative rock Calls Alamogordo ad Calls	2201 June 20 1806 June 20 1950 1951 1956 1959 2013 July 5 E 2105 2115 2119	XHNI LES KUNR SES KREJ KZGG KWGB KHAZ S KZYX KZYX KMFB K244AH	105.1 88.7 101.7 101.7 94.7 97.9 99.5 90.7 91.5 92.7 96.7	Reno Medicine Lodge Wheatland Wichita Sterling Colby Hays Hays	IN NV KS WY KS	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7 NW Country's New Power House, KWGB Colby Elba County, Hays refs Folk/bluegrass I/91.5 //90.7 IF Giants bb bb // 92.7 (e-mail eerie: KMFB & KZ4AAH both carry SF Giants)
2003 2022 2026 2030 2039 2045 2048 2049 2050 2059 2100 2105 2113 2118 2122 2127 2133 June 10 1836	KLLL KENW KVRH KKFG KDAG KDAG KDAG KNKT KNKT KOLV KRSU KKSV KRSY KKVS KYZE S ES KYOT KRST KWFM	96.3 89.5 92.3 101.3 104.5 96.9 107.9 107.1 105.5 99.7 105.1 97.7 96.3 99.7 103.3 92.7 94.3 94.3 95.5 92.3 97.1	Lubbock Portates Salida Durango Bloomfield Farmington Albuquerque Armino Grants Durango Maljamar Been Albuquerque Gallup Albuquerque La Luz Truth or Conseq. Alamogordo	, NM CO NM	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT K Love The Point ID ID Calls NM's alternative rock Calls Calls Calls Calls Calls Cod FM, Tucson	2201 June 2f 1806 June 2f 1950 1951 1956 1959 2013 July 5 E 2105 2115	XHNI DEs KUNR SES KREJ KZGG KWGB KHAZ KZYX KZYZ KMFB	105.1 88.7 101.7 101.7 101.3 94.7 97.9 99.5 90.7 91.5 92.7	Reno Medicine Lodge Wheatland Wichita Sterling Colby Hays Philo Willits Mendocino	IN NV KS WY KS "	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7 NW Country's New Power House, KWGB Coby Elba County, Hays refs Folk/bluegrass !/91.5 //90.7 IF Giants bb bb // 92.7 (e-mail eerie: KMFB & K24AAH both carry SF Giants) R& Re Greatest Hits wd Dick
2003 2022 2026 2030 2039 2045 2048 2059 2059 2100 2105 2113 2118 2127 2133 June 1f 1836 1849	KULL KENW KVRH KVRH KKFG KDAG KBOI KNKT KOLV KRU KULO KRU KUN KEZU KGLX KGLX KGLX KTSO KRSY KVS KYEE KYOT KRST KRST KFLG	96.3 89.5 92.3 101.3 104.5 96.9 107.1 105.5 99.7 105.1 97.7 96.3 99.1 103.3 99.1 103.3 99.1 103.3 99.4 3 95.5 92.3 97.1 94.7	Lubbock Portates Salida Durango Bioomfield Farmington Albuquerque Armijo Grants Durango Maljamar Been Albuquerque Gallup Albuquerque Gallup Albuquerque La Luz Truth or Conseq. Alamogordo	, NM CO NM	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT K-Love The Point ID ID Calls NM's alternative rock Calls Calls Alamogordo ad Calls Cod FM, Tucson K-Flag Country	2201 June 20 1806 June 25 1950 1955 1959 2013 July 5 E 2105 2115 2119 2128	XHNI DEs KUNR SES KREJ KZEW KHAZ S KHAZ S KZYX KZYZ KZYZ KZYZ KZYZ KZYZ KZYA KZYZ KZYA KZYZ KZYA	105.1 88.7 101.7 101.7 101.3 94.7 97.9 99.5 90.7 91.5 92.7 96.7 99.7	Reno Medicine Lodge Wheatland Wichita Sterling Colby Hays Hays	IN NV KS WY KS	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7 NW Country's New Power House, KWGB Colby Elba County, Hays refs Folk/bluegrass !/91.5 //90.7 IF Giants bb bb // 92.7 (e-mail eerie: KMFB & K244AH both carry SF Giants) R& Re Greatest Hits wd Dick Barkley (phone verse)
2003 2022 2026 2030 2039 2045 2049 2050 2052 2059 2100 2105 2113 2118 2127 2133 June 1f 1836 1849 1850 1855	KLLL KENW KVRH KVRH KKFG KDAG KDAG KDAG KDAG KDAG KDAG KDAG KESU KCLV KGLX KTSO KRSY KKVS KYEE S S KYOT KRST KRST KRST KRST KNAU	96.3 89.5 92.3 101.3 104.5 96.9 107.9 107.1 105.5 99.7 105.1 97.7 96.3 99.7 103.3 92.7 94.3 95.5 92.3 97.1 94.3	Lubbock Portates Salida Durango Bloomfield Farmington Albuquerque Armijø Grants Durango Maljamar Been Albuquerque Gallup Albuquerque Gallup Albuquerque La Luz Truth or Conseq. Alamogordo	, NM CO NM AZ	K Triple L Riverwalk Jazz, versed on website 92.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLove The Point ID ID Calls NM's alternative rock Calls Calls Alamogordo ad Calls Cod FM, Tucson K-Flag Country Calls	2201 June 20 1806 June 20 1950 1951 1956 1959 2013 July 5 E 2105 2115 2119	XHNI LES KUNR SES KREJ KZGG KWGB KHAZ S KZYX KZYX KMFB K244AH	105.1 88.7 101.7 101.7 94.7 97.9 99.5 90.7 91.5 92.7 96.7	Reno Medicine Lodge Wheatland Wichita Sterling Colby Hays Hays	IN NV KS WY KS "	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7 NW Country's New Power House, KWGB Coby Elba County, Hays refs Folk/bluegrass !/91.5 //90.7 IF Giants bb bb // 92.7 (e-mail eerie: KMFB & K24AAH both carry SF Giants) R& Re Greatest Hits wd Dick
2003 2022 2026 2039 2045 2048 2049 2050 2052 2059 2100 2105 2113 2118 2122 2127 2133 June 11 1836 1845 1855 1855 1855	KLLL KENW KVRH KVRH KKFG KDAG KBOI KNKT KOLV KOLV KOLV KEZU KGLX KCLV KCLV KCLV KCLV KCLV KCLV KCLV KCLV	96.3 89.5 92.3 101.3 104.5 96.9 107.9 107.1 105.5 99.7 105.1 97.7 96.3 99.7 103.3 92.7 94.3 95.5 92.3 97.1 94.7 88.7 93.7	Lubbock Portates Salida Durango Bloomfield Farmington Albuquerque Arming Grants Durango Majamar Been Albuquerque Gallup Albuquerque La Luz Truth or Conseq. Alamogordo Phoenix Albuquerque Green Valley Kingman Flagstaff Gallup	, NM CO NM AZ , NM	K Triple L Riverwalk Jazz, versed on website g2.3, 106.3 the Peak; Leadvilke; Arkansas Valley ID Farmington ad 505 a/c o/ local KGY McCleary Clear Channel of NM KT KLow The Point ID ID ID Calls NM's alternative rock Calls Calls Alamogordo ad Calls Cod FM, Tucson K-Flag Country Calls ID	2201 June 27 1806 June 27 1950 1951 1956 1959 2013 July 5 E 2105 2115 2119 2128 2130	XHNI LES KUNK SES KELJ KZGG KVGB KHAZ KKFR KZYX KMFB K244AH KFRC KDFC	105.1 88.7 101.7 101.7 101.3 94.7 97.9 99.5 90.7 91.5 92.7 96.7 99.7	Reno Medicine Lodge Wheatland Wichita Sterling Colby Hays Hays	IN NV KS WY KS "	Sp, " en Sonora" Calls Walking in the Word (ph verse) Meteorologist Judy Fossum (e-mail eerie) W KREJ. Calls Oldies 94.7 NW Country's New Power House, KWGB Colby Elba County, Hays refs Folk/bluegrass !/91.5 //90.7 IF Giants bb bb // 92.7 (e-mail eerie: KMFB & K244AH both carry SF Giants) R& Re Greatest Hits wd Dick Barkley (phone verse)
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2118	KMGN KVNA	93.9 97.5		KMGN Flagstaff the Mountain Cottonwood ad, Sunny 97	

Note: KUBO 88.7 Calexico is also R Billingue, but KMPO Modesto Is assumed on 7/10 due to as proximity to other stations received. And, of course, KUBO is the one I haven't logged. July 8 had to be one of the hottest openings ever to produce zero new loggings. For 2 hours it was in the FM, mostly well Into K, but only relogs to show for it It was quite a contrast to June 10, one of the weakest openings ever to produce a new logging. KUNR was the only thing on the FM band at that time, and it was there less than a minute. There was earlier activity, but K was brief-signals spiked from ch. 5 clear up to 100.9 8 vanished from the FM in a 2-minute period!

That's K for now. To recap the season, April 21 was the best ES opening ever In that month, a most promising start. Then there was virtually nothing until May 29, a big day with 17 loggin9s, and May 30 with 6 more. Those were just warm-ups for June 9, which now ranks 3' ' In new skip loggings with 31. (6/1077 with 34 d 7/29/76 with 32, which date back to the dawn of time in Concord CA, are the only bigger days.) Then June 16 followed with another 251 The number of California loggings was surprising, as those north-to-south openings are supposedly less stable than east-to-west skip. (I had few openings from CA to the north.) But the prizes, I think, were KUNR 88.7 Reno at a mere 565 miles and KRJC 95.3 Elko at 540 (both estimated from a road a8as). If they were fish, I think I'd have to throw them back until they grew a little baget.

Lenny Goldberg, Ashland; ORienny@cdornotcd.com Equipmeent: Sony 6450 car radio, * = NEW!

· 25n	92.9	KLGT	Buffalo,	
: 35p 6:57p	92.9 92.1	KZRX	Dickinson.	WY "hot country kicks 93" ND "Z-92'
7:05p	92.1	KYYY	Bismarck.	ND 2-92 ND "Y93.fm"webpage
7:25p	91.9	KBFR	Bismarck.	ND folk show (tent)
7:30p	92.9	unid	DISITIOLCK,	"#1 new country station" ad for Wausau
7.50p	32.3	unia	Mortgage	#1 new country station au for wausau
7:38p	92.1	KFRZ*	Green River,	WY "The Freeze"
7:48p	88.1	KUY!	Hotevilla,	AZ Native-American chanting
7:50p	92.1	CHMX	Regina,	SK 'lite92fm"
8:02p	95.1	KCGY	Laramie,	WY
8:04p	100.7	KMOZ*	Grand Junction,	CO Colorado's Best Country "The Moose"
8:07p	100.9	KWSA"	Price,	UT `The Eagle" + 3 other stations (unid)
8:19p	102.5	KNIX*	Phoenix,	AZ "best country"
8:20p	1029	KAZX*	Kirtland,	NM
8:25p	103.3	KPRU'	Delta,	CO Classical NPR
8:25p	98.1	KLSK	Santa Fe,	NM
8:29p	96.1	KSTR*	Montrose,	CO 'alk sports"
8:31p	95.1	KKNN	Delta,	CO 'the rock of Western Colorado"
8:33p	98.5	KABG	Albuquerque,	NM +3 other unid stations (lazz/SSNrban)
8:41p 8:45p	99.9 94.3	KTQM"	Clovis, Roosevelt	NM "better variety"
8:54p	101.3	KXRQ*	Durango,	UT
8:57p	101.3	KKYC	Clovis.	CO NM
8:57p	102.5	KIOT	Los Lunas.	NM "coyote 702.5"
9:02p	102.5	KLVF"	Las Vegas,	NM COUCLE 7 02.5
9:08p	93.1	KMGJ"	Grand Junction,	CO "magic 93.1"
9:12p	96.3	KBZU	Albuquerque,	NM 'The Buzzard mentKASA Fox 2
9:21p	100.9	KXGL*	Amarillo,	TX
9:22p	100.9	KEJL"	Hobbs,	NM "The Eagle'
9:23p	101.3	KJFA"	Albuquerque,	NM
9:24p	1021	KTRA*	Farmington,	NM '102 FM"
9:25p	1029	KIXN"	Hobbs,	NM 'kicks 103'
9:26p	103.3	KTZO*	Albuquerque,	NM
9: 27p	103.7	KYVA'	Grants,	NM
9:29p	104.5	KKFG	BID	
9:29p	105.5	KOLV.	rants,	NM NM "K-Love"
9:32p	107.9	KBQI	G Albuquerque, ,	NM "Big 1 107.9'
9:39p	93.1 93.9	KSII KINT'	El Paso, ,' El Paso.	TX "Kiss FM"
9:40p	93.9 96.3	KHEY"	El Paso, El Paso,	TX (prob.) SS
9:48p		KTSM	El Paso,	TX TX
9:53p 9:53p	99.9 100.7	XHH	Ciudad Juarez,	CI
10:06p	9.7	KHRO	El Paso,	TX
10:00p	92.3	KOFX	Et Paso,	
10:12p	94.1	KZRR	Albuquerque,	NM "94 Rock"
1015p	105.9	XHGU"	ludad Juarez,	Cl
10:26p	92.9	KAFF	ags	AZ
10:27p	92.9	KSCQ	Silver City,	NM
10:35p	92.1	KZUA"	Holbrook,	AZ "Z92 FM" "best country"
10:39p	101.1	KNRJ'	Payson,	AZ 'energy 101.1""Arizona's Dance Radio"
10:41p	95.1	unid		SS w/EE ID'95 point t"

28 new stations, but I missed hundreds. It was more like AM dxing with all the noise and slop! Just shows what a good opening can yield even on a car radio, although I sure wished I had RDSIII

6/20/03 <u>s</u>

								4500			•			1001			
				NIM				1538 1928	CKCU WBWC	93.1 88.3	Ottawa Berea	ON OH	calls, FM AI8W calls 729	1061			
3:24p 3:26p	92.9 92.1	KMXQ	Socorro, Carlsbad,	NM NM				1944	WVCS	91.9	California	PA	calls 844				
3:32p	92.9	KTZA	Artesia,	NM				ulne 13	Es								
3:34p 3:39p	92.7 92.3	KRSY KRST	La Luz, Albuquerque,	NM NM				1839	KNA	88.3	Phoenix	AZ	Local ment	1027			
3:41p	94.5	KKOR	Gallup,	NM	What is a set 0.5 d			1844	KLJZ	93.1	Yuma	AZ	Z-93, local ad	1186			
3:45p 3:46p	95.1 94.1	KSYU KZRR	Corrales, Albuquerque,	NM NM	"the new hot 95.1			1847	ISEH	94.5	Brawley	CA	Super Estrellas	1222			
3:46p	91.5	KFLQ	Albuquerque,	NM				1855 1859	KMZQ KGCB	100.5 90.9	Henderson, Prescott,	NV AZ	traffic rpt 1088	987			
3:47p	87.7	7	Hotevilla,	AZ	Channel 6TV			1903	KGB	101.5	San Diego	CA	"101.5 KGB"	1301			
4:00p 4:04p	88.1 99.9	KUYI KXTC	Thoreau,	NM				1912 1914	KHWY KHWZ	98.9 100.1	Essex Ludlow	CA CA	Highway Station Highway Countr				
4:05p	100.5	KSFX'	Roswell,	NM NM				1914	KIXF	101.5	Baker	CA	// 100.1 1151	,			
4:39p 4:47p	94.3 95.1	KDEM	Deming,	INIVI	Hispanic oriented	station, but dj speaking		1919 1922	<u>KMLT</u> KJUL	92.7 104.3	Thousand Oaks North Las Vegas	CA NV	Lite FM 1342 ad 1114				
			English. Played a com	nedy bit I	In EE w/some			1931	KZI	92.7	Ridgecrest	CA	Q-Lite FM	1241			
4:48p	Spanish, t 95.1	hen a con	est, then SS musk.		back to'hot 95.1'	KSYU		2118	KOOL KNPR	93.1	Las Vegas,	NV NV	Cool 93.11114 calls	1092			
4:56p	92.1	KZUA	Holbrook,	AZ				2145	KNPK	89.5	Las Vegas	INV	Calls	1032			
4:57p 4:57p	92.3 93.1	KOFX KITS	El Paso, El Paso,	TX TX			100	June 14	Es								
4:37p 5:14p	88.5	KTEP	El Paso (assumed)	NPR			100	1930	KNIS	91.3	Carson City	NV	Pilgrim 1260				
5:14p	92.3 92.9	KOFX KOYT	Tucson,	AZ	El Paso back In			2041	XHXL	91.7	Monterrey	NIL	91X, calls	1097			
5:18p 5:18p	92.9 95.1	unid	Tucson,	AZ	SS, IDed as "la S	abroso" can't find itll		2259	KPHF	88.3	Phoenix	AZ	ID 1027				
5:22p	100.7	XHH	Flagstoff		(prob.)		100	June 20	Es								
5:27p	92.9	KAFF	Flagstaff,	AZ			201	1 346	WSLC	94.9	Roanoke	VA	Lynchburg ad	886			
Jun <u>e</u> 27	Es							1356	WVOD	99.1	Manteo	NC	99.1 the Sound	1153			
8:46a	99.9	KSKZ	Leoti,	KS			100	1406 1408	WHRV WFMI	89.5 100.9	Norfolk Southern Shores	VA NC	calls "100.9 RejoimM	1083 Usical Soul	Food"	1142	
8:49a	94.5	KSKL	Scott City,	KS	"Cool 94, the fox	hat rocks" or KSKG, some type of		1412	WKJS	104.7	Crewe	VA	104.7 Kiss FM	999	1 000	1142	
8:51a	94.1	unid	cross-promotion		menuonea KSKZ	or KSKG, some type of	100	1414	WWDE	101.3	Hampton	VA	VA Beach ad	1096			
8:52a	92.1	unid			SS		10.0	1416 1418	WXGM WCYK	99.1 99.7	Gloucester Staunton	VA VA	calls calls	1066 935			
Thats at	; had to go t	o world						1419	WYFJ	100.1	Ashland	VA	BBN	1009			
							123	1420 1421	WBRB	101.3 101.5	Buckhannon Fredericksburg	WV VA	calls B 101.5 1002	846			
			st season ever! Some c a half hour opening be		were 3 and 4 station	ons deep, and definitely all over the	100	1422	WKW	101.7	Kilmarnock	VA	calls	1067			
mapi i v	e lievel liau	a rour and	a nan noor opening se				100	1426 1432	WHFS WASH	99.1 97.1	Annapolis Washington	MD DC	RDS"99.1 HFS" 97.1 Wash FM				
		15012 E	Iroux Cirolo, Bolloviuo		25 magittalCaay n	- t		1433	WQJZ	97.1	Ocean Pines	MD	"Smooth Jazz 97		17		
	embers.cox.r		ureux Circle, Bellevue,		25 mcsillerCcox.n	et		1434	WLTF	97.5	Martinsburg	WV	Lite 97-5 948				
				Ninogar	DP5030 VHE/FM	antennaw/rotor at 32 feet, Conrad RD	s	June 22	Es								
Equipm unit, Ra	dio Shack	gnal atten	uator for overload proble	ems.		ut 02 1001,	100	1359	WRWA	88.7	Dothan.	AL	ID	89	12		
								1 459	KRVS	88.7	Lafayette	LA	calls	778	.2		
<u>May 30</u>	Es							1503	KVEE	107.5	Lake Arthur	LA	V 107-5 771				
0739	WBFO	88.7	Buffalo	NY,	calls 890		100	June 25	Es								
0800	WBSU	89.1	Brockport	NY,	ID 931			00.45	17	92.1	Enterprise	OR	RDS"KWVR-FM	1 1 100			
June 9-	Es						201	2045 2058	<u>KRBM</u>	92.1	Pendleton	OR	ID 1197	1105			
1805	XHUA	90.1	Chihuahua	СН	Estereo Vida	1036		2059	KFAE	89.1	Richland	WA	NW Pub Radio	1211			
1838	KFMA	92.1	Green Valley	AZ	cells 1036		100	June 26	Es								
1839 1841	<u>KALP</u> KMXV	92.7 94.9	Alpine Tucson	TX AZ	RDS ID "KALP" 94-9 Mix FM	861 1039											
1843	KIVIAV	94.9 92.7	Laredo	ΤХ	SS, local ad	961		2059 2101	KM KESO	89.3 92.7	Humble S Padre Island	TX TX	calls ^I D 1042	754			
1849	KOYT XHAHC	92.9 90.9	Tucson Chihuahua	AZ CH	Coyote Country	1039 1036		2118	KLUX	89.5	Robstown	ТΧ	calls	928			
1859 1901	KRQQ	90.9 93.7	Tucson	AZ	calls	1039		2125 2139	KMKS KKRW	102.5 93.7	Bay City, Houston,	TX TX	TX Hot Country local ads 797	851			
1908	XHVJS	103.3	Villa Juarez	SN	local ads 1246 Estereo Gallito	1150		2148	KPFT	90.1	Houston,	TX	calls	775			
1933 1938	XHPE XHEC	97.1 91.9	Torreon, Sabinas	CL CL	local ment	1159 965		A four of	in ononingo h	oro and th	nere, but nothing huge.		a managed to add	como atotio	na ta tha	log this socoop: th	~~
June 10								tog total	now stands a	at 831. 73	s Matt.	SUNTV	e managed to add	some statio	ns lo lhe	log this season; tr	le
0114	unID	88.3			urban/rap				EL HAWK -O		E Onkyo T-4711; Conrad		init 6 alamani pe	antonna on	halconv	about 18' AGL)	
1159	KWPS	88.7	Lund Herkimer	NV NY	statewide wx calls	1018 1079					Charles and the second second				careony (LOUI TO AOL)	
1505 1505	WXUR WXAL	92.7 93.7	Addison	VT	'103.3893.7	1173		June 6 F	S MUF 99.1 I	MHz.							
1507	WXAL WOLE	96.7	Oswego	NY	Radio Disney	1011 1166		1924	WPOZ	88.3	Union Park	FL	"Z Musk: Hour";		3.3 120	9	
1520 1527	CEOR CHOD	92.5 92.1	Montreal Cornwall	PQ ON	FF, local ads	1172		1925	WTLG	88.3	Starke	FL	mentions of local	churches	110		
1534	WSLU	89.5	Canton	NY	comm. calendar	1080		1939	WGYL	93.7	Vero Beach	FL	ID Delilah	1291			

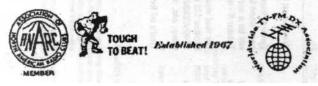
1941	WKRO	93.1	Edgewater	FL	US-93; Id ads 1201	
1946 1950	WUFT WMMO	89.1 98.9	Gainesville Orlando	FL FL	"Classic 89 and NatureCoast 90" 1108 ID 1207	
1951	WKGR	98.7	Ft Pierce	FL Palm	<i>bls</i> ads mention of S FL Fairgrounds West Beach etc 1304	
1953 1955	WPCV WRMF	97.5 97.9	Winter Haven Palm Beach	FL FL	"S. FL's Variety Station WRMF" 1356	
1958 1959	WPOWP WEDR	96.5 99.1	Miami Miami	FL FL	presumed Id ads 1399 Id ads 1399	
2001	pirate	89.1	Miami	FL	rap profanity ad for "Club 84"; mention of x	
2015 Es	a faded out			700 8	rea code 1399	
June 7 I	Es MUF 97.5	MHz				
0939 0957	Es first hits H A	s FM briefl 89.1	y Reynosa	TM	'La M, La Major	
1000	<u>XHRYS</u>	90.1 89.1	Reynosa	TM	full ToH ID; "Stereo Hits' slogan Life FM 89.3	
1002 1207-12	WSMR 232 Es In and		Sarasota	FL		
June 9/	Es MUE 107.9	9 MHz+				
1805 1830	XHUA unid	90.1 96.7	Chihuahua	CH ??	Estereo Vida SS news, likely Nogales?? In for 20+ x	
1050				mi ut	es	100
1833 1836	XHCHH FM	94.9 99.1	Chihuahua Thatcher	CH AZ,	EE rock mx; Id mentions mentions of Safford, Thatcher, and Tuba City	
1840	KFMA	92.1	Green Valley	AZ	ID "Tucson's New Rack'	100
1846 1850	<u>XHHPR</u> KPRR	101.7 102.1	Hidalgo de Parrot El Paso	CH TX	Radio Parral	1000
1855	KBNA	97.5	El Paso	TX	SS; K-Buena	100
1858	<u>XHMSL</u>	101.3	Los Mochis	SI	Estereo Uno; new estadol	1000
1913 1916	XHJS	94.7 103.3	Hermosillo Villa Juarez	SO SO	Radio Sonora? mention of Hermosillo 'Qua Buena"	
1925	unID	88.7	_		K-Love station in/out through 2100	1983
1928 1956	<u>XHPE</u> XHCLO	97.1 107.1	Torreon Monclova	CL CL	Estereo Gallito mentions of Monclova	120.
2005	XHEC	91.9	Sabinas	CL	tuned in to hear "Sabihas Coahuila"	
2019	XHAHC <u>XHCDS</u>	90.9	Chihuahua Cd Delicias	CH CH	Super Estelar	100
2026 2030	XHCTO	94.5 93.1	Torreon	CL	"Fiesta Mexicana"; Mariachi music 'Stereo Hits"; full ID	1967
2039	KSJL	92.5	Devine	TX	surprise w/ RDS ID	1980
2059 2100	HTE	94.5 100.1	Tampico Tampico	TM TM	ID ID (caught the Tampico TM mention)	1201
2100	XHMU	90.1	Tampico	TM	ID; distorted audio	1000
2125	XHMLSt	91.3	Matamoros	ТМ	Exa	
	Es MUE 107	,				1005
1847 1851	WQBE	97.5 98.9	Charleston South Hill	WV,	ID Kies Country 98.9	1000
1854	WKSK WSLC	98.9 94.9	Roanoke	VA, VA,	Kiss Country 98.9 RDS ID (PI=8550)	
1859	WRVL	88.3	Lynchburg	VA,	ID	1005
1900 1904	WAGO WQDR	88.7 94.7	Snow Hill Raleigh	NC, NC,	ID and mention of a // -94-7 QDR'	1000
1933	WKLL	94.9	Frankfurt	NY,	ad for Centralnewyorkhelpwanted.com	1985
1937	WRDX	94.7	Dover	DE,	ad for the "Burlington Melting Pot on ord Pike"	
1950	WKOC	93.7	Chesapeake	ConVA,	93.7 The Coast	
1951 1959	WSLC	94.9 89.5	Roanoke	VA,	back w/ RDS ID strong wI FF	1000
2028	WLGI	90.9	Hemingway	SC,	"Radio Bahai'	1967
2045	WMOC	88.7	Lumber City	GA, area	"Your 24 hour power station", mention of 229 code and a preacher preaching/here In	
2105 bri	ef Es to the S	W up to 9	8.9 MHz	south	east Georgia"	
June 11	Es -MUE 98	9 MHz				
0720 0726	WBIY	88.3 88.7	LaBelle Ft Myers	FL FL	ID /NVJYO Way FM	
0726	WAYJ WSMR	89.1	Sarasota	FL	Life FM	1000
0736	WSRX	89.5	Napes	FL	ld Christian talk	1202
0741 0756	WSOR WRQC	90.9 92.5	Napes Estero	FI FL	'New Day Florida' show "The rock that's Real Rock"	
0800	<u>WJTE</u>	89.9	Panama City	FL	ID, Joy 89.9	- 100-
0802	had to leav	e for work	, following heard in the	car		No. of

	0809	XHRYS	90.1	Reynosa	ТМ	full ID in SS, EE 'Stereo Hits" slogan
	1740, 19	930- two brief	hits of Es	s up to about 90 MHz		
	June 13	Es - MUF 101	.5 MHz			
	1826 1846	KNAI KLJZ	88.3 93.1	Phoenix Yuma	AZ AZ	Radio Campesinor, SS Z-93
	1847	KNAU	88.7	Flagstaff	AZ	ID
	1858	XHRCLE	89.5	San Luis Rio Colorado	SO	SS, mentions of Yuma
	1900	<u>&303</u> KGB	88.3	San Diego	CA CA	dues, ID at ToH
	1904 1912	KHWY	101.5 98.9	San Diego Essex	CA	traffic report "Highway Stations"; Las Vegas casino ads
	1926	KQOL	93.1	Las Vegas	NV	Cod 93.1
	1959	unID	89.1		TX	TX Public Radio, so almost certainly KSTX x
	2003	EPX	89.5	Eagle Pass	San /	Antonio relog strong w/ SS and RDS ID; TX#99
	2010	XHCAO	89.1	Reynosa	TM	'La M, La Major
	2110 2126	KMGN KHWY	93.9 98.9	Flagstaff Essex	AZ	The Mountain
	2120	KGCB	90.9 90.9	Prescott	CA AZ	back again "Arizona's Lighthouse, KGCB"
	2135	KQOL	93.1	Las Vegas	NV	this and other <93 MHz Vegas stns back
	June 14	Es - MUF 91.	3 MHz			
	1300	KNAU	88.7	Flagstaff	AZ,	ID
	1928	KNISp	91.3	Carson City	NV	rel; would be a relog
	1930	KKTO	90.5	Tahoe City	CA	"The KXJZ Stations" ID
	2000 2030	KUNR KLUX	88.7 89.5	Reno Robstown	NV TX	"Good Company 89.5"; TX#100
	2040	XHAAA	93.1	Reynosa	TM	
	2056 2112	XHEC XHRP	91.9 94.7	Sabinas Saltillo	TM	
	2112	XHCAO	94.7 89.1	Reynosa	CL, TM	local mentions La M
	2131	XHMU	90.1	Tampico	ТМ	presumed w/ SS; distorted
	June 19 E	Es - MUF 88.	7 MHz			
1	1933	Es first hits	FM			
-	2020	unID	88.7		??	brief with "Your Power Station' slogan
	June 20 E	Es - MUF 102	1 MHz			
	1633	Es to Mexic		car		
	1705 1731	unID XHPE	102.1 97.1	Torreon	?? CL	classical music
	1744	XHEN	100.3	Torreon	CL	local ads
ľ	1807	1830			02.1	French unDs on 88.3, 88.7, 89.1, 89.5, and x all // running blues music
3	1824	XHERE	100.4	Fresnillo	ZC	very strong; "Estereo Clan', local mentions
	June 21 1	r on the f		e dans		
r'i			00.4	Clautan	110	a factor of the second of
	0520 0530	WSSM	99.1 106.5	Clayton Granite City	MO IL	"106.5 Smooth Jazz; 358 miles
	0534	KSHE	94.7	Crestwood	MO	hard rock; "95 K-She'
	June 22 E	Es MUF 107.	5+			
	1350	WBSN	89.1	New Orleans	LA	'Life Songs 89.1"
	1359	WRWA	88.7	Dothan	AL	D mentioning Troy State network
	1400 1403	KBZZ	89.9 96.7	New Orleans Morgan City	LA	
	1405	WTBF	90.7 94.7	Morgan City Brundidge,	LA AL	The Buzz D RDS too (P)=EEEE)
•	1405	unID	92.5		??	Performance Racing Network; perhaps
	1411	KXKC	99.1	Panama City? New Iberia	LA	C&W ID
ľ	1414	WELJ	90.9	Brewton	AL	women mentioning area events, giving locations relative to Brewton
	429	KSJYp	90.9	Lafayette	LA	presumed, AFR; ContChr music
	432	KRRV	100.3	Alexandria	LA	ld ad (Riverside Pub on 3` ° and Jackson)
	435	KRVS	88.7 105.1	Lafayette Abbeville	LA LA	resumed w/ Cajun programming "Kim Commando" computer talk show
	442	KSMB	94.5	Lafayette	LA	weather, ID
1	445	KVEE	107.5	Lake Arthur	LA	"Classic Soul Sunday"; V-107.5
	455	KQIS	102.1 90.9	Basile Hammond	LA LA,	ID ID
	458	KAJN	102.9	Crowley	LA, LA,	religion; Louisiana mention
1	520	Es briefly ret	urned W	KKBZ-LA 96.7		

KAJN 102.9 Crowley Es briefly returned W KKBZ-LA 96.7

THE WORLDWIDE TV-FM DX ASSOCIATION THE VHF- UHF DIGEST P.O. Box 501, SOMERSVILLE, CT 06072

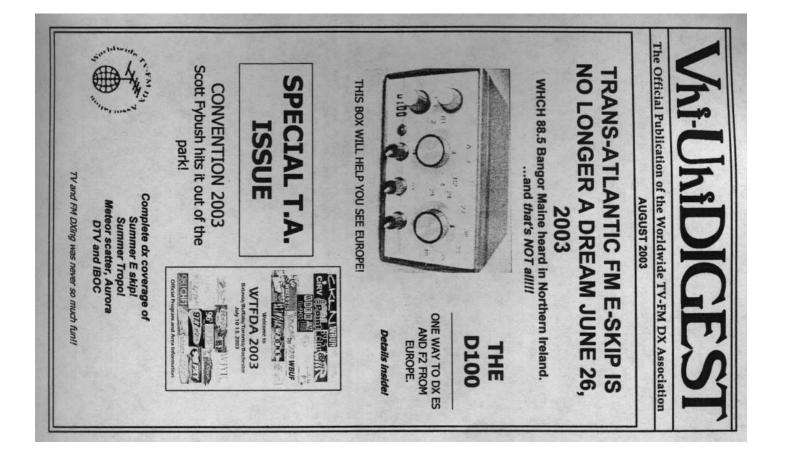
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