

Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

SEPTEMBER 2008

The Magazine for TV and FM DXers

**FIVE
MONTHS**
REMAINING UNTIL
ANALOG TV SHUTOFF



WHAT MUST IT BE LIKE
TO DX FROM THE FLORIDA
KEYS?

This DXer knows.

It's September and
TROPO TAKES OVER!



THE PUBLIC GETS READY FOR SHUT-DOWN



TV and FM DXing was never so much fun!

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 DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCASTING SIGNALS AT VHF AND UHF. WTFDA IS GOVERNED BY A BOARD OF DIRECTORS: DOUG SMITH, GREG CONIGLIO, BRUCE HALL, KEITH MCGINNIS AND MIKE BUGAJ.



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SEPTEMBER 2008



Finally! For those of you online with an email address, we now offer a quick, convenient and secure way to join or renew your membership in the WTFDA from our page at:

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You can now renew either paper VUD membership or your online eVUD membership at one convenient stop. Use the link above to either join the WTFDA or renew your membership in North America's only TV and DX organization.

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After last month's huge VUD, some editors are either taking a break or going on vacation. They'll be back.	

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A BIT MORE E SKIP

Just when we thought skip had quit for the season, it returned. We thought it had ended around the first of August, but we were treated to an encore some days later that lasted to the middle of the month. Some people commented that this year was the Es season that never ended. Well, it ended all right, but, for once, most of us got a break.

The only two areas that were really lacking in Es this summer are the Seattle area and northern California (and probably Southern California also, although we don't have any members in the L.A. area besides Dennis who report their loggings).

So it's now the end of the third week of August and DX is quiet. But tropo is now trying to take over where skip left off. A decent tropo opening is taking place in the midwest and parts of the northeast as I type this. Remember to watch Bill's tropo maps and the APRS maps for signs of tropo in North America.

MEMBERS AND MORE

New WTFDA members this month are **Aaron Reed** (MA), **Claudio Leite** (DC), **Marcus Nauman**, **Richard Gray** (LA/MS) and **Duane Whittingham** (IL). It's good to have all of you here with us. Make yourselves at home!

Renewals were received from the period of 7/15 to 8/16 from the following members: **Robert Klinger** (PA), **Robert Williams** (ID), **Mike Lazaro** (NY), **Ralph Strobel** (IN), **Walter Patton** (ON), **Michael Temme-Soire** (NJ), **Curtis Sadowski** (IL), **John Zondlo** (OK), **Leslie Green** (LA) who rejoined, **Glen Boche** (MN), **Calvin Glover** (MD), **John Lentz** (WI), **Bob Timmerman** (IN), **John Tudenham** (MO), **Tommy Adair** (TN), **Howard Fountain** (GA), and **Al Putman** (ON). Thanks to you all for your support of the WTFDA!

Ralph Strobel sent a note that reads "Es this summer has been "crummy". A few days in June, but very choppy and fadey. July 10 was better with six new from TX, CO, SD and ND. I have better luck in the educational band with 855 edu band total.

Tom Bryant sent in an item he received from Bill Eckberg regarding the estate of our former club treasurer and board member, Dave Janowiak. It seems Bill came upon a fellow by the name of Steve Lange. Steve is the liquidator of the Janowiak estate and still has some items from the estate that are DX related. Tom was unable to contact Steve Lange, but Tom provided his home and business phone numbers for anyone interested in whatever items of Dave's are available. Mr. Lange's home phone is 414-259-1031 and his business phone is 414-771-2300. Bill wanted this information passed on to WTFDA members. Tom hopes whoever tries has better luck contacting Mr. Lange than he did.

New member **Richard Gray** is heavily into DXing from two locations: his homes in New Orleans and Bay Saint Louis, Mississippi. Some of his equipment in N.O. is a Marantz 10B, SAE 800 MKII, CM 3671 with Alliance U-100, and APS-13 w/CM rotor, and Insignia STB and a Sharp 25N-5100 tuner.

In Mississippi he uses a WADE 937SR w/P82 UHF extension with a CM rotor, a JVC 7460 rotary tuner (31 years old!), a Magnavox TB100MW9 STB, and all of this equipment is .7mi from the Gulf of Mexico. Is he, or is he not, ready for some Gulf tropo? I think so.

Calvin Glover spends a lot of time in the



Notice anything unusual about this month's membership chart? I do. August is the first month I can recall where membership exceeded 250 at the beginning of the month. Strange, but true. And as of 8/21 membership stands at 258! Could this statistic be a fluke, or could it be a trend of things to come, especially with analog shut-down just a few short months away. I thought I knew, but now I'm not so sure. What's your guess?

Cape Hatteras area. He reports: "I noticed the extensive list of stations getting digital power upgrades. This is probably only the tip of the iceberg. Once the analog cut-off happens in February, I think that a lot of antenna-dependent viewers will be in the dark. My Magnavox digital converter box gives me uneven results. It can pick up WUND's digital signal from 38 miles away with the simplest of indoor antennas. I even used a large paper clip successfully. But the tuner can't even see WSKY's channel 4 signal--around 45 miles away. And this is with an outdoor yagi antenna.

When I use the box at my place 10 miles NE of Baltimore (connected to an attic antenna), I get *most*, but not all, of the local stations. None of the DC or Lancaster, PA stations show up in the set-up scan. These stations are taken for granted in the NTSC world.

I think that the FCC's power allocations and coverage estimates were wildly optimistic and didn't take into account how much our wonderful ATSC/8VSB system's signal gets eaten up by multi-path reflections, let alone the quirks of UHF reception.

The North Carolina public TV system (UNC-TV), to their credit, has been doing live call-in shows on the digital transition. A theme that surfaces frequently in calls is the absence of digital reception in portable/battery operated devices. The moderators politely punt in response, but the truth is that there are no (to my knowledge) portable ATSC sets out there. Engineers tell me that the processor simply sucks down too much power for battery operation. And.... duh....our system was never intended to work in *portable/mobile* applications. A lot of North Carolinians depend of their battery TVs; this is hurricane country. When the power goes down, so does the cable service.

It will be interesting to see how the "Wilmington, NC Experiment" works when that market goes all digital (with the exception of UNC-TV). But more importantly, will the powers that be (read that FCC) respond robustly to any shortcomings that this sneak preview into digi-world might reveal?"

MORE SONY XDR-F1HD INFO

The ICDX people in Australia got their hands on a couple of Sony XDR-F1HD tuners and this is some of what they reported:

"Geoff recently bought a new Sony XDR-F1HD FM tuner off US eBay for US \$99. Todd's XDR-F1HD is due for delivery next Monday. A preliminary test at Todd's place reveals the XDR-F1HD to be as good as the Onkyo T-4970 w/ DYNAS. The T-4970 sometimes has

difficulty locking on to weak DX signals which are 200 KHz above strong locals. Unlike the T-4970 DYNAS filter, the XDR-F1HD adjacent channel DSP IF filter performance is symmetrical regardless if the DX signal is above or below the local signal. So this makes the Sony one VERY hot FM DX tuner.

We used a very weak local Indian pirate FM TX on 90.0 MHz as a reference signal. In terms of intelligibility, the Sony seemed to do slightly better on 90.0 MHz than the T-4970, making it potentially very good for Pacific Island 100 KHz split channels. Several channels were completely clear, e.g. 89.0, 90.0, 90.6, 95.0, 96.0, 99.0, 102.0, etc. For all local Sydney channels, the \pm 200 KHz adjacent channel selectivity performance was generally equal on the XDR-F1HD and T-4970, except on 96.7 and 97.1 next to 96.9 NOVA FM. For some unknown reason, on 96.7 and 97.1 MHz, the T-4970 produces less adjacent channel splash compared to the XDR-F1HD. It could be that NOVA produces wide deviation.

The 100 KHz minimum tuning steps are not a disadvantage for DXing. The XDR-F1HD's DSP IF filter is so sharp that detuning 25 KHz would kill most DX signals.

With the vertical FM-8 8-element yagi aimed directly into the local 150 kW Artarmon/Gore Hill blowtorch TX's, there was no sign of any RF IMD on the XDR-F1HD. The same can be said for the T-4970, except for one strong spurious signal on 92.7 MHz which is only present when aiming east.

Geoff also tried the XDR-F1HD at St Marys. Compared to the T-4970 and Pioneer Supertuner, the XDR-F1HD featured higher RF IMD (overload rejection) performance.

The XDR-F1HD's soft muting was considered to be the main drawback with this tuner. This is not a problem with the T-4970. The Pioneer Supertuner IIID features similar soft muting, but not as noticeable compared to the XDR-F1HD. As per Brian Beezley's recommendation, we tried turning the ferrite slug one quarter turn counter clockwise in order to increase the audio signal in the soft-muting region. There may have been an improvement but we didn't notice any. However, we did notice that by adding extra RF pre-amplification, the audio levels increased in the soft muting region. Essentially we "tricked" the XDR-F1HD soft mute to only kick in on ambient noise. For this reason, a 10-15 dB gain RF preamp should be used most of the time with the XDR-F1HD. Brian Beezley also reports a 2.5 dB S/N improvement when a low noise RF preamp is added to the XDR-F1HD.

No wonder that US DXers are so impressed.

CLEAR CHANNEL PI CODES

The XDR-F1HD's high selectivity performance has up till now only been available to European and Australian DXers by virtue of the KT-6040 and T-4970/T-488F tuners. It's unfortunate that Caribbean area FM employ regular 200 KHz even spaced channels (e.g. 88.1, 88.3, 88.5...) as DX targets for southern US states DXers. Hence the XDR-F1HD's high 100 KHz adjacent channel selectivity performance can only be fully utilised by Australasian and European DXers.

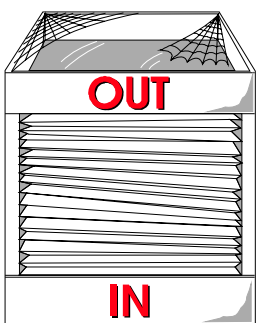
Both Todd & I are impressed! We highly recommend any FM DXer to get one XDR-F1HD (or XDR-S3HD) while they are still available."

More from Todd (Emslie): "The Sony XDR-F1HD using stock DSP IF filter has near equal selectivity to a Kenwood KT-6040 (with 4 x 80s + 2 x 110s). However, unlike the muffled distorted audio experienced with the KT-6040 (80 KHz bandwidth), the XDR-F1HD produces clear audio, similar to what you would obtain with 150 KHz filters. I estimate the XDR-F1HD 3dB DSP filter bandwidth is somewhere between 120 and 150 KHz.

The XDR-F1HD high analog FM selectivity is probably a by-product of Sony engineers designing DSP IF filters capable of resolving adjacent IBOC signals. Certainly the XDR-F1HD phenomenal analog selectivity is not advertised in Sony promo literature. Sony don't even provide selectivity or sensitivity specifications!

One DXer, Olivier (F4CMB), has been experimenting with outboard DSP IF filters. This approach offers considerable potential.

The XDR-F1HD is especially suited for 100 KHz adjacent channel Es FM DX. Why use 50 or 80 KHz filters with high group delay distortion when listening to high level Es signals? Ideally you want 150 KHz audio quality with 80 dB adjacent channel rejection. Like a modified KT-6040, it is quite remarkable how many vacant 100 KHz channels are available across the band. If you hear splash on the XDR-F1HD 200 KHz adjacent to a local signal, don't blame the tuner - the station is exceeding its deviation limits. In these circumstances, the KT-6040 (80 KHz bandwidth) also receives the same level of adjacent channel splash.



The XDR-F1HD IMD performance is world class. I use a 15 dB gain GaAsFET wideband RF preamp with no overload or image problems."

Girard Westerberg sheds some light on the strange PI codes used by Clear Channel stations nationwide: "Regarding Clear Channel PI codes... In order to accommodate traffic data used by many radios and navigational devices, Clear Channel has to use "non standard" PI codes in their RDS encoders. These codes always start with a "1". Initially, CC assigned random codes that started with a "1", but has recently adopted a different system for assigning PI codes. They will still start with a "1", but the remaining 3 digits will be from the standard calculated PI code.

For example, without the traffic data requirement, our WKQQ's PI code would be "A7C0" (that's a zero at the end). With the traffic data, it becomes "17C0".

The conversion to this system is under way now, and should be completed within two weeks. There are two CC stations (I don't know which two) that encountered a conflict when the new system was applied. In that special case, the first two digits were changed to a "1" for one of the stations.

I hope this gives folks a better path for figuring out the IDs of often strange PI displays they get when DXing CC stations.

Thanks to Jeff Littlejohn, Rob Speicher and Kent Terry at CC for providing me with this information".

DXER CROSSING?



Chris Dunne at a remote location in the Florida Keys

C,mon now, tell me you wouldn't like to DX from the Florida Keys. Go ahead, tell me. Fortunately for us, we have Chris Dunne down there going mobile to help keep us abreast of what Fidel and the boys are up to. Plus he's seen some great Caribbean E skip and Chris is a big help to all of us who try to figure out what we've seen from down there.

By the way, that's not a DXer crossing sign on the pavement. It's a deer crossing sign. It was nice to think that the state of Florida thought we were special. And Chris, watch out for traffic! We'll see you all again next month!



FM NEWS

FromWTFDA.info and w9wi.com



BILL HALE, 6124 ROARING SPRINGS DR, N. RICHLAND HILLS TX 76180

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SEPTEMBER 2008

INDEX OF ABBREVIATIONS

APP	application	NDA	non-directional antenna
APP Mod	Change to an already submitted application	PTA	Program Test Authority (station has been given authority to begin testing)
AUX	auxiliary facilities (backup)	STA	Special Temporary Authority
CC	call change	ROA	(at the) request of applicant
CL	city of license (change to or from)	XL	Transmitter Location
Class	FM license class		
CP	construction permit (authority to broadcast with facilities noted)	AS	American Samoa
CP Mod	change to an already granted CP	GU	Guam
DA	directional antenna	NMI	Northern Mariana Islands
FC	frequency change (change to or from)	VI	Virgin Islands
LC	License to Cover (station has ended testing and has been given authority to begin operation)		

--- CANADA ---

- CALL LETTER CHANGES -

		<u>Old Call</u>	<u>New Call</u>
AB	Pincher Creek	92.7 new	CJPV
BC	Salmo	92.1 new	CFAD
BC	Vancouver	104.1 new	CHHR
QC	Montreal	106.3 new	CKIN
QC	Sherbrooke	104.5 CIGR-FM	CKOY-FM

increase power to 50 kw ERP, raise antenna height, and relocate transmitter

- FORMAT and SLOGAN CHANGES -

AB	Edmonton	97.3	CIRK	> K-97
NB	Saint John	103.5	CJEF	> Classic Rock/Comedy as <i>Saint John Radio</i> (includes CJEF-1 95.1 Rothesay)
ON	Barrie	93.1	CHAY	> <i>FM 93, Barrie's Fresh Music Mix</i>
ON	Shuniah Township	103.5	CKED	> Country as <i>The Thunder</i> (includes CFQK-104.5 Kaministiquia)
ON	Waterloo	100.3	CKMS	> <i>SOUND FM</i>
QC	Hull	97.1	CHLX	> French variety

- TECHNICAL CHANGES -

- ACTIONS -

BC	Chase	103.5	CFCH	CP granted to increase power to 20 watts and upgrade status from developmental community station to type "B" community station
BC	Enderby	104.3	CKXR-2	Is on the air with AC // simulcasts CKXR-91.5 Salmon Arm
BC	Nakusp	107.1	CJHQ	CP granted to upgrade status from developmental community station to type "B" community station
ON	Sarnia	103.9	CHOK-1	Is on the air with Country as <i>Country 103.9</i> (format from CHOK-1070, which moves to FM. This results in 1070 becoming a high powered rebroadcaster for 103.9 for three months)
QC	Granby	104.9	CFXM-FM	CP granted for 1.184kw/356m
QC	Saguenay	92.5	CKAJ-FM	CP granted to upgrade to 14.164 kw/142 m, 48-27-30/71-04-46; this action would increase antenna height and relocate transmitter
QC	Sherbrooke	102.1	CHLT	CP granted to move to 107.7,

- TECHNICAL CHANGES -

- GRANTS FOR NEW STATIONS -

CP granted for:

AB	Pincher Creek	92.7	NEW	3.3 kw/-18 m; will be Country as <i>Mountain Radio</i> and be // CJPR - 94.7 Blaimore and share a tower with existing CBRP-FM - 97.5
BC	Chase	103.5	CFCH-FM	19.7w-H/-171m, 50-48-53/119-41-25; English community, to replace expiring CFCH-FM
BC	Kelowna	103.9	NEW	10 kw-H/506 m, 49-58-00/119-31-40; previously approved but frequency 96.1/50kw not acceptable
BC	Nakusp	107.1	CJHQ-FM	1.6w/-74m, 50-14-25/117-48-28; English community
BC	Salmo	92.1	NEW	5 w-V/-248 m, 49-11-44/117-16-55, developmental community station
ON	Alliston	94.7	NEW	50 watts; will be AC
ON	Beeton-Tottenham	105.1	NEW	50 watts (will be Country)
ON	Cochrane	104.7	NEW	5 watts (will be Community, some French & aboriginal)
QC	Camp Rupert	91.7	NEW	2.13 kw (will be AC and be // CFQR-92.5 Montreal)
QC	Camp Rupert	94.9	NEW	2.13 kw (will be CBC La Premiere Chaine // CBF-95.1 Montreal)
QC	Camp Rupert	97.5	NEW	2.13 kw (will be French and be // CKOI-96.9 Montreal)
QC	Camp Rupert	100.5	NEW	2.13 kw (will be French AC and be // CITE-107.3 Montreal)

- TECHNICAL CHANGES -

- APPLICATIONS FROM EXISTING/PROPOSED FACILITIES -

Applies to:

BC	Vernon	107.5	CKIZ	Decrease power to 22 kw (100,000 watts ERP) and Increase antenna height
NS	Antigonish	92.5	CFXU-FM	FC to 93.3 to avoid interference with new CKJM-FM relay in Pomquet.
NS	Antigonish	92.5	CFXU	Move to 93.3
NS	Bedford	89.1	CHSB-FM	FC to 99.3 to avoid

ON Sarnia	99.9	CFGX	interference with CIJK-FM Increase power to 27 kw (50 kw E.R.P.) and increase antenna height	AB Meander River	95.9	NEW	50 watts (would be Christian // CIAM-92.7 Fort Vermilion)
QC Montmagny	102.1	CFEL	Reduce power to 78 kw ERP, relocate transmitter and all facilities to Levis (including city of license)	AB Peerless Lake	96.9	NEW	50 watts (would be Christian // CIAM-92.7 Fort Vermilion)
QC Saguenay	105.5	CKGS	6 kw. Previously approved but applied frequency of 99.9 was not acceptable (amended from earlier application for 103.3)	AB Wabasca	95.5	NEW	45 watts (would be Christian // CIAM-92.7 Fort Vermilion)
QC Sainte-Marie de Beauce	101.3	CHEQ-FM	100 kw/98 m; FC to 101.5	AB Wainwright	101.9	CKKY?	CKKY-830 proposes to move here with 100 kw
SK Yorkton	100.5	CJJC-FM	50 kw/118 m; FC to 98.5	NS Dartmouth	92.9	CFDR?	CFDR-780 proposes to move here with 100 kw at 196 metres
				ON Guelph	95.7	CJOY?	CJOY-1460 proposes to move here with 30 kw at 54 metres
				ON Sudbury	93.5	CIGM?	CIGM-790 proposes to move here with 100 kw at 204 metres
				QC Rimouski	104.1	NEW	250 w/-33 m; to relay CIRA-FM Montreal

**- TECHNICAL CHANGES -
- PROPOSALS FOR NEW STATIONS -**

Applies for:

AB Athabaska	94.1	CKBA?	CKBA-850 proposes to move here with 9 kw at 54 metres
AB Chateh	96.9	NEW	14 watts (would be Christian // CIAM-92.7 Fort Vermilion)
AB Clearmore	91.5	NEW	50 watts (would be Christian // CIAM-92.7 Fort Vermilion)
AB Fort Chipewyan	95.5	NEW	30 watts (would be Christian // CIAM-92.7 Fort Vermilion)
AB Manning	95.5	NEW	50 watts (would be Christian // CIAM-92.7 Fort Vermilion)

- DISMISSALS AND DENIALS -

MB Winnipeg	107.9	CJWV	License revoked for various violations
ON Caledon	102.7	CFGM	Application to replace existing Tourist Info programming with a simulcast of the AC format on CJFB 105.5 Bolton was denied
ON Shelburne	104.9	NEW	65 kw/60 m with standards and soft AC denied; violation of Common Ownership Policy - applicant also owns nearby CKDX-88.5 & CIDC-103.5

**--- UNITED STATES AND TERRITORIES ---
FULL POWER and LPFM STATIONS**

- CALL LETTER CHANGES -

	<u>Old Call</u>	<u>New Call</u>				
AL Equality	91.3	NEW	NJ Toms River	90.3	NEW	WNJO
AL Helena	100.5	WJOX	NM Rio Rancho	101.7	KQBT	KQTM
AZ Payson	99.3	KMZQ	NY Minerva	88.1	NEW	WGOR
AR El Dorado	88.9	KKDU	NC East Fayetteville	88.1	NEW	WWFJ
CA Bakersfield	96.5	KBKO-FM	ND Belcourt	90.1	NEW	KSIH
FL Inglis	99.3	WFBI	ND South Heart	105.7	NEW	KDXN
FL Pennsuco	88.3	WIRP	OR John Day	89.7	NEW	KOJD
FL Pennsuco	88.3	WGKX	OR The Dalles	88.1	NEW	KQDL
FL Perry	93.5	NEW	PR Caguas	102.9	WDIN-1	WDIN-FM1
GA Royston	103.7	WPUP	SD Enoree	88.1	NEW	WNRE
HI Holualoa	92.1	KHWA	SD Lennox	99.1	KIOL	KSOO-FM
IL Ellsworth	89.5	NEW	TN Dyer	94.3	WLLI-FM	WTJJ
IN West Lafayette	196.7	WGLM	TN Farragut	92.7	NEW	WJVV-1
IA Hiawatha	89.1	KWOF-FM	TN Walden	103.7	WKZP	WURV
IA Mason City	90.7	NEW	TX Harts Bluff	89.1	NEW	KPKP
IA Montezuma	89.7	NEW	TX Hunt	99.9	NEW	KRZS
ME Lewiston	93.9	WCYI	TX Mount Pleasant	88.3	NEW	KPIP
ME Monticello	94.7	NEW	TX Stephenville	90.5	NEW	KCLE-FM
MI Gwinn	100.3	WUPF	VA Pamplin City	90.5	NEW	WEQP
MI Powers	107.3	WXPT	WA Aberdeen	94.3	KGHZ-LP	KBSG-LP
MN Cook	88.9	NEW	WA Tacoma	97.3	KBSG-FM	KIRO-FM
MN Grand Rapids	88.1	NEW	WA Yakima	97.9	NEW	KYYR-LP
MS Marietta	96.3	NEW	WV Hillsboro	91.9	NEW	WVMR-FM
MO Cabool	89.9	KFFW	WV Lewisburg	103.1	WKCJ	WRON
MO St. Joseph	91.1	NEW	WV Morgantown	89.7	NEW	WLOL-FM
MT Eureka	93.5	KWDE	WV Ronceverte	97.7	WRON	WKCJ
MT St. Regis	99.1	KHZZ	WY Burns	88.9	NEW	KGCC
NE McCook	98.5	KRKU	WY Laramie	89.3	NEW	KTDX
NV Fallon	89.9	NEW	WY Superior	106.7	KKWY-FM	KMRZ-FM
NV Hawthorne	91.9	NEW				
NJ North Cape May	106.7	WSJQ				

* - state correction from last edition

- FORMAT and SLOGAN CHANGES -

AL Five Points	88.5	WJBE	> Classic Country	LA Opelousas	105.9	KFXZ-FM	> Country
AL Helena	100.5	WWMM	> Adult Alternative	ME Eastport	91.7	WSDH	> Variety
AZ Flagstaff	89.9	KJTA	> Contemporary Christian	MI East Tawas	91.3	WZHN	> Contemporary Christian
AR Helena	103.1	KFFA-FM	> Adult Contemporary	MN Forest Lake	95.9	WLKX	> Country // KLCI-106.1
CA Bakersfield	96.5	KVMX	> Classic Hits	MS Waynesboro	105.5	WABO-FM	> Adult Hits
CA Ontario	93.5	KWIE	> R&B	NE Minatare	106.9	KHYY	> C&W as Wild Country
FL Inglis	104.3	WIFL	> Adult Standards	NE Mitchell	99.3	KETT	> Hard Rock as 99-3 The Rock
GA Colquitt	90.5	WCOQ	> Oldies	OK North Enid	107.1	KZLS	> Country // KNID-99.7
HI Kahului	99.9	KJKS	> Adult Contemporary	OR Junction City	88.5	KPIJ	> Religious Teaching
IA Sioux City	92.9	KMSC	> Variety	OR Redmond	89.9	KKJA	> Religious Teaching
KY London	103.9	WWEL	> Adult Hits	SD Lennox	99.1	KSOO-FM	> News/Talk
KY Louisville	103.9	WRKA	> Classic Country	TX Ganado	104.7	KULF	> Classic Country // KHTZ-107.3
KY North Corbin	101.9	WKFC	> Country				
KY Princeton	104.9	WAVJ	> Adult Contemporary				

WA Tacoma	97.3 KIRO-FM	> 97 point 3 KIRO Tacoma-Seattle // KIRO-710	WI Berlin	104.7 WBJZ	> Contemporary Hits from Dial Global as B104
WV Craigsville	95.7 WSWW-FM	> News/Talk	WY Douglas	92.5 KDAD	> Rock

-TECHNICAL CHANGES -

- ON THE AIR WITH NEW FACILITIES -

AZ Flagstaff	89.9 KJTA	1 kw/606 m, 35-14-25/111-35-49	CA Redding	91.5 KKRO	420 w-V (drops H)/376 m, 40-54-27/122-26-37
AR Cotton Plant	99.3 KAPW	6 kw/100 m, 34-58-07/90-59-48	CO Las Animas	107.3 KRKV	100 kw/108 m, 37-56-23/103-26-08
CA El Centro	107.5 KXO-FM	50 kw/87 m, DA, 32-48-24/115-32-44	CO Montrose	89.9 KTMH	4 kw-V/498 m, 38-23-15/107-40-31; CL from Colona
CA El Rio	103.7 KMLA	1 kw/245 m, DA, 34-18-10/119-13-41	FL Clewiston	91.5 WPSF	700 w-V/118 m, 26-41-27/80-47-18
CA Long Beach	105.5 KBUE	3 kw/142 m, 33-51-29/118-13-24	FL Dade City	96.7 WZPH-LP	100 w/26 m; 28-12-52/82-13-34
CA Mecca	97.7 KRCK-FM	2 kw/174 m, DA, 33-48-04/116-13-28	FL Port St. Joe	97.3 WDBW-LP	94 w/31 m; FC from 88.5
CA Newport Beach	101.5 KOCI-LP	42 w/46 m, 33-37-43/117-54-31			
GA Chatsworth	98.9 WNGH-FM	420 w/527 m, 34-45-06/84-42-54	PA Confluence	98.5 WKEL	78-34-25 1.1 kw/233 m, 39-55-40/79-25-06
GA Cochran	89.7 WMUM	43 kw-H/100 kw-V/32-28-11/83-15-17	PA Greensburg	107.1 WGSM	2.3 kw/163 m, DA, 40-15-54/79-20-24
GA Colquitt	90.5 WCOQ	4.5 kw-V/47 m, 31-10-24/84-43-33	PA State College	88.3 WXFR	10 w-H/1.8 kw-V/209 m, 40-53-35/77-51-48
HI Wailea-Makena	97.3 KRKH	1.5 kw/696 m, DA, 20-39-36/156-21-50	RI Providence	105.1 WWLI	50 kw/152 m, 41-48-24/71-28-13
IL Elmhurst	88.7 WRSE	320 w/29 m, DA, 41-53-46/87-56-45	SC North Charleston	102.5 WXLX	100 kw/201 m, 32-49-04/79-50-09
IN Hope	102.9 WXCH	500 w-H (drops V)/14 m, 39-18-41/85-47-07; FC from 103.1; CL from Versailles	SD Lennox	99.1 KSOO-FM	25 kw/100 m, 43-22-36/96-48-19
IN Woodburn	98.8 WBYR	50 kw/138 m, 40-57-14/84-53-07; CL from Van Wert, Ohio	SD Pine Ridge	93.7 KVAR	12 kw/146 m, 42-49-47/102-39-08
KS Dodge City	89.9 KAIG	100 kw-V/212 m, 37-55-56/100-19-02	TN Decatur	93.9 WAYA	16.5 kw/123 m, 35-21-55/84-45-22; CL from Spring City
LA Leesville	92.7 KBDV	6 kw/100 m, 31-07-07/93-11-12	TN Crossville	102.5 WOWF	9 kw/165 m, 36-01-18/84-58-18
MA Dennis	96.3 WRZE	3.6 kw/86 m, 41-43-44/70-10-02; CL from Nantucket	TN Spring Hill	88.7 WAYM	5 kw/330 m, 36-02-50/86-49-49; CL from Columbia
MA North Adams	91.1 WJJW	423 w/-253 m/42-41-27/73-06-16	TX Anson	98.1 KTLT	50 kw/93 m, 32-26-39/99-44-03
MI East Tawas	91.3 WZHN	20 kw-V/82 m, DA, 44-16-25/83-39-48	TX Center	100.5 KOBB	2.05 kw/173 m, 31-43-34/94-15-27
MI Michigamme	88.3 WKPK	15 kw-V/252 m, 46-36-14/87-37-14	TX Greenville	101.5 KYLP-LP	100 w/29 m, 33-07-24/96-05-47
MN Windom	90.9 KJWR	25 kw/100 m, 44-00-22/95-12-09	TX Mission	97.7 KCYP-LP	50 w-H/21 m, 26-21-49/98-16-59
MO Republic	107.7 KVTS-LP	100 w/25 m, 37-08-58/93-20-34	TX Stephenville	90.5 KCLE-FM	3.8 kw/403 m, 32-16-31/98-01-22
MT Helena	97.3 KNEH-LP	100 w/-55 m, 46-36-21/112-01-18	TX Zapata	95.7 KZLH-LP	50 w/27 m, 26-51-12/99-15-14
NE Minatare	106.9 KHYY	25 kw/28 m, 41-51-50/103-42-20	UT Monticello	106.1 KRZX	1.55 kw/383 m, 39-04-01/108-44-39
NE Mitchell	99.3 KETT	950 w/249 m, 41-50-23/103-49-35	WA Aberdeen	106.5 KAHS-LP	100 w (adds V)/21 m, 46-58-46/123-49-09
NJ Netcong	89.3 WNJY-FM	1 w-H/520 w-V/141 m, DA, 40-53-14.00°/74-41-55	WA Seattle	99.9 KISW	68 kw/707 m, DA, 47-30-14/121-58-29
NC Aberdeen	104.1 WAOG-LP	100 w/4 m, 35-15-51/79-24-36	WA Seattle	107.7 KNDD	67 kw/707 m, DA, 47-30-14/121-58-29
ND Dickinson	103.3 KPAR-LP	7 w/106 m, 46-55-17/102-43-58	WA Tacoma	88.5 KPLU-FM	64 kw/707 m, DA, 47-30-14/121-58-29
OH Englewood	97.9 WGJM-LP	100 w/29 m, 39-53-05/84-19-01	WA Tacoma	103.7 KMTT	68 kw/707 m, DA, 47-30-14/121-58-29
OH Huber Heights	97.7 WSWO-LP	100 w (adds V)/29 m, 39-53-19/84-08-17	WA Yakima	97.9 KYYP-LP	100 w-H/-56 m, 46-35-55/120-30-55
OH Marion	94.3 WMRN-FM	3 kw/91 m, 40-36-27/83-14-14	WV Craigsville	95.7 WSWW-FM	25 kw/99 m, 38-24-56/80-31-49
OK Marlow	92.1 KFXI	100 kw/166m, XL to 34-40-50/98-01-02	WI Beloit	92.9 WXXD-LP	100 w/-9 m, 42-26-36/89-02-06
OK Muskogee	97.1 KYAL-FM	100 kw/600 m, 35-24-48/95-21-55	WY Superior	106.7 KMRZ-FM	7 kw/482 m, 41-25-28/109-07-54; FC from 106.5
OH Newark	89.3 WZNP	4.5 kw/99 m, DA,	WY Cheyenne	100.7 KOLZ	100 kw/202 m, 41-02-55/104-53-28
OK North Enid	107.1 KZLS	14 kw/137 m, 36-32-13/98-00-39			
PA Bedford	91.1 WUFR	2.5 kw-V/372 m, DA, 40-17-40/			

- TECHNICAL CHANGES -

- FCC ACTIONS -

AL Jemison	97.7 WHPH	<u>CP GRANTED FOR:</u> 13 kw/140 m, 32-58-55/86-51-02	AK Glenallen	91.3 NEW	1 kw/17 m, 62-06-32/145-29-13
AL Shorter	107.9 WJAM-FM	25 kw/100 m (drops DA), 32-21-09/86-03-06; CL from Orrville	AZ Dolan Springs	91.9 KCAI	9.2 kw (adds H)/462 m, 35-39-07/114-18-41
AL Thomaston	103.9 WTID	500 w/14 m, 32-16-49/87-38-06; FC from 97.7	AR Batesville	106.9 KCCJ-LP	17 w-H (drops V)/71 m, 35-48-31/91-41-53; FC from 102.3
AL Union Grove	97.7 WKLD	950 w/251 m, 34-26-39/86-32-05; CL from Oneonta	CA Beaumont	100.9 KAEH	5.3 kw/38 m, 33-56-51/116-59-03
			CA Burney	89.7 KNCA	30 kw/629 m, XL to 40-54-21/

CA	San Luis Obispo	88.5	KLVH	121-49-38; Class C2 to C0 2.8 kw/455 m, 35-21-37/ 120-39-20	GA	Tallapoosa	88.7	WEYY	24-39-40/81-25-10 125 w/50 m, 33-44-33/ 85-17-11
CA	Santa Clara	103.3	KSCU	30 w-H/-2 m, XL move to 37-20-50/121-56-21	GA	Tignall	90.3	NEW	2.25 kw/99 m, DA, XL to 33-49-50/82-45-19
CA	Williams	99.1	KARA	CP Mod for 550 w/607 m, 39-12-20/121-49-09	IL	Farmer City	98.3	WWHP	5.2 kw/107 m, 40-24-17/ 88-35-34
CO	Alamosa	88.7	KRZA	10.5 kw/611 m, 36-51-37/ 106-00-25	IN	Woodburn	98.9	WBYR	50 kw/138 m, 40-57-14/ 84-53-07; CL from Van Wert, Ohio
CO	Merino	94.5	KRGQ	6.5 kw/69 m, 40-28-33/ 103-13-28; CL from Yuma	IA	Fort Madison	98.3	KDME-LP	100 w/-3 m, 40-38-14/91-20-28; FC from 99.9
FL	Buena Ventura Lakes	95.7	WBVL-LP	29 w-H/54 m, 28-14-42/ 81-18-12	KS	Baxter Springs	104.3	KCAR-FM	6 kw/91 m, 37-07-34/94-42-12; CL from Galena
FL	Clearwater	97.9	WXTB	100 kw/458 m, 28-10-56/ 82-46-06	KS	Norton	91.5	KSNB	CP Mod for 250 w/52 m, 39-47-05/199-53-29
FL	Fruit Cove	94.1	WSOS-FM	12.5 kw/100 m, XL to 30-04-08/ 81-38-50	LA	Kentwood	91.5	NEW	CP Mod for 6 kw/90 m; 31-02-02/90-25-27; CL from Amite
FL	Key Colony Beach	101.7	WKYZ	100 kw/138 m, (adds) DA,	OK	The Village	98.1	WWLS-FM	28.87 kw/470 m, 35-33-37/ 97-29-07; FC from 97.9, CL from Edmond; Class A to C1
MI	Belding	90.9	WSLI	2.9 kw/20 m, DA, 43-05-12/ 85-18-59	OK	Tulsa	97.5	KMOD-FM	100 kw/453 m, 36-11-46/ 96-05-53
MI	Greenville	91.9	WDPW	CP Mod for 4 kw-V/63 m, DA, 43-05-12/85-18-59	OR	Cottage Grove	106.7	KSOW-LP	11 w-H (drops V)/89 m, XL to 43-44-41/123-05-29
MI	Manistique	92.7	WPIQ	24.5 kw/217 m, XL to 45-58-00/ 86-29-17; Class A to C2	OR	Grants Pass	106.7	KCGP-LP	100 w-H/-109 m, 42-25-22/ 123-23-57; FC from 96.5
MI	Richland	91.9	WTNP	CP Mod for 6 kw-V (drops H)/ 67 m, DA, 42-27-13/85-20-39	OR	McMinnville	90.3	KSLC	CP Mod for 500 w/75 m, (adds) DA, 45-09-24/123-17-22
MI	Three Rivers	96.9	W242BP	4 w/85 m, 41-55-43/85-38-15; FC from 96.3	OR	Selma	88.7	KJKL	42 kw-V/584 m, 42-15-29/ 123-39-32
MS	McComb	90.5	WAQL	CP Mod for 72 kw/108 m, DA, 31-26-01/90-34-45	PA	Shenandoah	91.5	WCIM	CP Mod for 600 w/219 m, 40-50-58/76-06-55; Class B1 to A
MS	Petal	106.3	WZLD	10.5 kw/324 m, 31-31-37/ 89-08-07; Class A to C2	SC	Sumter	93.3	W227BI	250 w/135 m, XL move to 33-56-56/80-23-34
MO	Madison	97.3	KCDG	CP Mod for 12 kw/146 m, 39-26-45/92-10-11	SC	Winnsboro	93.9	WIGL	8.9 kw/166 m, 34-21-47/ 80-54-40; Class A to C3
MT	Hamilton	90.7	KMZO	5 kw/101 m, (drops DA), 46-13-46/114-14-0; FC from 90.3	SD	Aberdeen	90.1	KEEA	CP Mod for 1 kw/30 m, 45-28-22/98-30-16
MT	Missoula	91.1	KMZL	2.2 kw/626 m, 46-48-09/ 113-58-21	SC	Seneca	103.5	W275BJ	250 w/77 m, 34-41-15/ 82-59-16; FC from 102.9
MT	Worden	95.5	KMHK	100 kw/300 m, 45-44-29/ 108-08-19; CL from Hardin	SC	Summerton	98.3	WLJI	CP Mod for 16 kw/100 m, 33-42-58/80-20-44; Class A to C3
NE	Crete	104.1	KIBZ	CP Mod for 40 kw/116 m, 40-40-18/96-43-48	TN	Benton	93.1	WSAA	3.5 kw/133 m, 35-09-54/ 84-51-13
NE	Hastings	90.1	KFKX	780 w-V/68 m, 40-34-27/ 98-22-19	TN	Sewanee	105.7	WMTN-LP	CP Mod for 3 w/189 m, 35-13-01/85-53-36; FC from 94.1
NE	Kimball	92.3	KYOY	2.4 kw/-7 m, 41-15-42/ 103-40-06; FC from 100.1	TX	Fort Worth	94.1	KLNO	99 kw/574 m, 32-35-02/ 96-57-48
NJ	Freehold Township	89.7	WRDR	1 w-H/9.5 kw-V/52 m, DA, 40-04-34/74-22-37; Class A to B1	TX	Franklin	103.9	KJXJ	8.7 kw/167 m, (drops DA), XL to 30-53-05/96-32-29; CL from Cameron; Class C2 to C3
NM	Church Rock	103.7	KYVA-FM	100 kw/420 m, 35-36-22/ 108-41-26; CL from Grants	TX	Friena	94.7	KGRW	47.88 kw/153 m, 34-41-17/ 102-56-53
NM	Gallup	94.5	KKOR	85 kw/420 m, XL to 35-36-22/ 108-41-26; Class C to C0	TX	Hereford	90.9	KRLH	CP Mod for 130 w/82 m, 34-51-02/102-23-38
NC	Knightdale	106.1	WRDU	CP Mod for 27.5 kw/489 m, XL to 35-40-28/78-31-40; CL from Wilson; Class C0 to C1	TX	Karnes City	103.1	KTXX	48.5 kw-H (drops V)/150 m, (adds) DA, 28-51-26/97-58-49
NC	Morganton	92.1	WMNC-FM	25 kw/100 m, 35-45-09/ 81-43-19; Class A to C3	TX	Olney	104.3	KAHA	CP Mod for 50 kw/150 m, DA, 33-23-21/98-38-34
NC	Sanford	105.5	WFJA	2.3 kw/148 m, 35-26-28/ 79-12-54	TX	Snyder	91.1	KGWB	CP Mod for 240 w/11 m, 32-40-46/100-54-51
ND	Bismarck	92.9	KYYY	100 kw/301 m, XL to 46-56-31/100-41-37	TX	Wixon Valley	101.9	KBXT	2.5 kw/162 m, XL to 30-48-05/ 96-27-58; Class C3 to A
ND	Jamestown	88.9	KLUU	CP Mod for 500 w/87 m, 46-50-05/98-41-31	TX	Zapata	103.9	KJJS	CP Mod for 4.5 kw/115 m, 26-55-03/99-15-00
ND	Casselton	90.7	NEW	100 kw/82 m, 46-37-51/ 97-41-45	UT	Clarkston	89.9	NEW	35 w/315 m, DA, 41-53-11/ 112-04-17
OH	Port Clinton	94.5	WXKR	30 kw/188 m, DA, 41-30-03/ 83-16-16	VT	Berlin	100.9	WWFY	4.5 kw/237 m, 44-07-30/ 72-28-28
OH	Westerville	97.5	WOBN	290 w-H/20 m, 40-07-28/ 82-56-06; FC from 101.5	VA	Poquoson	106.1	WUSH	CP Mod for 11 kw/149 m, XL to 36-51-39/76-21-13; Class A to B1
OK	Broken Arrow	90.5	KNYD	12.1 kw-H/80 kw-V/452 m, DA, 35-53-00/95-46-13	VA	Spotsylvania	89.5	WWED	16 kw-V/82 m, DA, 38-08-31/ 77-41-34; Class A to B1
OK	Lahoma	95.7	KXLS	14 kw/137 m, 36-32-13/ 98-00-39	WV	Franklin	91.1	WVPC	CP Mod for 500 w/-57 m,
OK	Perry	106.5	K296EH	1 w/56 m, 36-07-51/97-10-36; FC from 107.1					
OK	Tulsa	95.5	KWEN	100 kw/453 m, 36-11-46/ 96-05-53					

WI Cross Plains	96.3	WMAD	38-38-58/79-20-28 620 w/309 m, 43-03-21/ 89-32-06; CL from Sauk City	WI Wentworth	88.1	WWEN	89-32-06; CL from Madison CP mod for 850 w-V/139 m, 46-32-08/92-04-07
WI Owen	90.1	NEW	50 kw/40 m, DA, 44-56-59/ 90-37-54	WY Hanna	102.1	KBDY	CP Mod for 63 w/1050 m, 41-38-01/106-31-32
WI Sauk City	101.5	WIBA-FM	12 kw/309 m, 43-03-21/				

**- TECHNICAL CHANGES -
- AUXILIARY FACILITIES -**

			AUX LICENSE ISSUED FOR:				
CA Los Angeles	91.5	KUSC	10 kw/291 m, 34-06-34/ 118-23-23	MO Aurora	100.5	KSWF	1 kw/54 m, 37-10-47/ 93-15-39
CA Mecca	97.7	KRCK-FM	135 w/170 m, 33-48-04/ 116-13-28	MO Nixa	105.9	KGBX-FM	1 kw/54 m, 37-10-47/ 93-15-39
DC Washington	88.5	WAMU	8 kw/164 m, 38-53-30/ 77-07-55	MO Pleasant Hope	95.5	KTOZ-FM	1 kw/54 m, 37-10-47/ 93-15-39
ID Murphy	89.1	KAWS	360 w/682 m, 43-00-25/ 116-42-13; CL at Marsing	MO Springfield	97.3	KXUS	1 kw/54 m, 37-10-47/ 93-15-39
LA Baton Rouge	101.5	WYNK-FM	35 kw/121 m, 30-27-47/ 91-16-10	NH North Conway	103.7	WPKQ	4.8 kw/1140 m, 44-16-13/ 71-18-17
LA Baton Rouge	102.5	WFMF	35 kw/121 m, 30-27-47/ 91-16-10	OK Oklahoma City	100.5	KATT-FM	43.65 kw/363 m, 35-35-22/ 97-29-03
MI Dearborn	100.3	WNIC	50 kw/136 m, 42-23-22/ 83-08-53	TN Walden	103.7	WURV	15 kw/92 m, 35-07-33/ 85-17-25

**- TECHNICAL CHANGES -
- GRANTS FOR NEW STATIONS -**

			CP GRANTED FOR:				
AL Equality	91.3	WBNB	700 w/64 m, DA, 32-49-06/ 86-03-25; Class A	MT Livingston	90.1	NEW	2.1 kw/258 m, 45-35-51/ 110-32-45; Class C3
AK Niniichik	88.3	NEW	100 w-H/13 m, 60-01-20/ 151-35-09; Class A	MT Polson	89.5	NEW	780 w/574 m, DA, 47-46-25/ 114-16-05; Class C2
CA Bishop	89.9	NEW	6 kw-V/-252 m, 37-21-40/ 118-23-41; Class A	NE Broken Bow	91.3	NEW	40 kw-V/150 m, DA, 41-20-08/ 100-14-12; Class C2
CA Buffalo Hill	89.9	NEW	200 w-V/141 m, DA, 38-52-54/ 120-45-54; Class A	NE Hartington	88.3	NEW	3 kw/111 m, DA, 42-31-30/ 97-25-36; Class A
CO Crook	88.1	NEW	50 kw-V/123 m, DA, 40-45-51/ 102-42-42; Class C2	NV Lovelock	106.3	NEW	100 kw-H/600 m, 39-54-46/ 118-55-18; Class C
CO La Junta	90.1	NEW	25 kw/104 m, 37-58-43/ 103-34-48; Class C2; displaces K211EK	NM Crownpoint	91.1	NEW	100 kw/234 m, DA, 35-50-26/ 107-36-36; Class C1
FL Perry	93.5	NEW	6 kw/93 m, 30-08-00/ 83-35-45; Class A	NM Encino	88.7	NEW	40 kw/104 m, DA, 34-41-41/ 105-35-24; Class C2
GA Elberton	89.7	NEW	1 kw-V/101 m, DA, 34-13-51/ 82-54-02; Class A	NY Minerva	88.1	NEW	325 w-V/16 m, 43-51-53/ 74-00-25; Class A
GA Lumpkin	90.1	NEW	8 kw/72 m, DA, 32-00-43/ 84-39-42; Class C3	NY Owego	91.9	NEW	990 w/160 m, 41-57-37/ 76-32-56; Class A
GA Young Harris	90.3	NEW	97 w/707 m, DA, 34-52-27/ 83-48-38; Class A	NC Magnolia	90.9	NEW	22.5 kw-V/61 m, DA, 34-46-43/77-56-19; Class C3
ID Soda Springs	88.9	NEW	100 w/74 m, 42-38-39/ 111-36-41; Class A	OH Carrollton	90.9	NEW	200 w/152 m, DA, 40-34-17/ 81-10-51; Class A
IL Lee	88.5	NEW	4 kw-V/90 m, DA, 41-44-18/ 88-56-45; Class A	OR Turner	88.5	NEW	32 w/237 m, DA, 44-47-01/ 122-59-45; Class A
IA Mason City	90.7	KDVO	650 w-H/14 kw-V/90 m, 43-09-17/93-30-23; Class C3; Displaces K214BA	PA Gratz	91.1	NEW	180 w/207 m, 40-32-07/ 76-41-44; Class A
KY Carlisle	88.3	NEW	1.3 kw/81 m, 38-23-19/ 84-04-07; Class A	PA Laporte	91.7	NEW	190 w/49 m, 41-26-06/ 76-28-28; Class A
LA Cotton Valley	88.5	NEW	32 kw-V/135 m, 32-42-19/ 93-38-24; Class C2	SC Cokesbury	91.9	NEW	1.25 kw-H/25 kw-V/96 m, DA, 34-17-01/82-10-49; Class C3
LA St. Martinville	88.3	NEW	25 kw/152 m, DA, 29-49-31/ 91-39-49; Class C2	SC McClennanville	90.5	NEW	1.75 kw/92 m, DA, 33-09-28/ 79-25-24; Class A
ME Belfast	91.5	NEW	50 kw/86 m, DA, 44-18-58/ 68-58-12; Class B	SD Pierre	90.7	NEW	6 kw-V/59 m, 44-33-22/ 100-17-11; Class A
MI Constantine	88.5	NEW	9.7 kw/89 m, DA, 41-53-37/ 85-39-53; Class B1	TN Lebanon	88.1	NEW	1.65 kw/100 m, DA, 36-24-10/ 86-11-32; Class A
MI Elkton	90.9	NEW	2.3 kw/53 m, 43-52-53/ 83-05-12; Class A	TX Grape Creek	104.5	NEW	33 kw/183 m, DA, 31-25-16/ 100-32-36; Class C2
MI Reed City	91.9	NEW	2.4 kw/69 m, DA, 43-53-14/ 85-35-37; Class A	TX Rio Grande City	95.1	NEW	6 kw/100 m, 26-26-05/ 98-55-45; Class A
MN Hinckley*	88.5	NEW	5.3 kw/106 m, 46-01-39/ 93-01-20; Class A	VT Middlebury	90.1	NEW	1.2 kw/97 m, DA, 44-01-34/ 73-09-44; Class A
MN White Earth	89.9	NEW	600 w-H/60 kw-V/97 m, 46-53-58/95-31-14; Class C1	WA Forks	90.9	NEW	2 kw/-2 m, 47-56-00/ 124-23-41; Class A
MO Chillicothe	88.1	NEW	50 kw-V/75 m, DA, 39-54-35/ 93-21-42; Class C2	WA Sequim	91.5	NEW	700 w/-84 m, 48-04-30/ 123-11-32; Class A
MO Dixon	89.3	NEW	220 w-V/95 m, 37-59-42/ 92-05-57; Class A	WV West Union	89.7	NEW	4.7 kw/120 m, DA, 39-17-51/ 80-46-02; Class B
MT Circle	90.3	NEW	250 w/3 m, 47-24-58/ 105-35-45; Class A				
MT Columbus	89.5	NEW	200 w-V/-121 m, DA, 45-38-08/109-14-42; Class A				

* - while researching data for this entry, I came across a 'Hinkley', Minnesota application on 91.9. The application states 'Hinkley' and the coordinates are close to those in the 88.5 application. The addresses for both the applicant and consultant are both Dallas, Texas. To me, this is another example of an entrepreneur attempting to place a radio station in a community he has no

interest in, whatsoever. The correct spelling is in both cases . . .

'Hinckley'.

**- TECHNICAL CHANGES -
- APPLICATIONS FROM EXISTING/PROPOSED FACILITIES -**

			<u>Applies for:</u>				FC		
AL	Lincoln	89.5	NEW	CP Mod for 2.2 kw-V/79 m, DA, 33-34-51/86-08-37	CO	Idalia	94.1	KWDI	from 92.3; Class C3 to C
AL	Marion	102.9	WNPT-FM	24 kw/202 m, 32-49-46/87-25-47	CO	Wheat Ridge	93.3	KTCL	CP Mod for 50 kw/87 m, 39-40-22/102-15-18
AK	Homer	90.7	NEW	APP Mod for 200 w/-41 m, 59-38-56/151° 29' 26"; Class A; adjusted from 200 kw; darn decimal points!	DC	Washington	90.9	WETA	CP Mod for 23 kw/345 m, DA, 40-05-47/104-54-04 (aux)
AK	Ninilchik	90.7	NEW	APP Mod for 180 w/-3 m, 60-02-35/151-39-17	FL	Gainesville	107.7	WPZM-LP	22.5 kw/164 m, 38-53-30/77-07-55 (aux)
AZ	Lake Havasu City	96.7	KRCY-FM	CP Mod for 1.05 kw/825 m, DA, 34-33-06/114-11-37; FC to 96.9	FL	Mexico Beach	90.3	NEW	52 w/42 m, 29-41-34/82-19-55; FC to 107.5
AZ	Parker	97.3	KPKR	9.5 kw/32 m, 34-00-11/114-13-40; FC to 95.7	FL	Tallahassee	104.1	WGLF	APP Mod for 37 kw-V/167 m, DA, 29-49-09/85-15-34
AR	Eureka Springs	100.9	KESA	2 kw/162 m, DA, 36-22-48/93-44-53	GA	Swainsboro	100.5	WXRS-FM	APP Mod to 100 kw/430 m, 30-27-04/84-00-42; Class C to C0
AR	Fayetteville	89.3	KAYH	39 kw-V/112 m, DA, 36-10-48/94-05-10; Class C3 to C2	GA	Smithboro	89.1	NEW	CP Mod for 50 kw/145 m, 32-25-41/81-48-25; CL to Portal
CA	Redondo Beach	93.5	KDAY	CP Mod for 4.2 kw/103 m, DA, 34-00-19/118-21-44					APP Mod for 2.9 kw/67 m, 33-19-00/83-31-40; Class A
CA	Susanville	93.3	KHJQ	CP Mod for 100 kw/352 m,					
GA	Thomasville	88.1	WAYT	21.5 kw/392 m, (would drop DA), 30-40-06/83-58-10	NE	Norfolk	106.7	KEXL	DA), 48-29-13/115-47-39
HI	Makawao	94.3	KDLX	CP Mod for 760 w-H (would drop V)/955 m, DA, 20-46-31/156-14-49; Class A to C2	NV	Amargosa Valley	97.9	NEW	100 kw/315 m, 41-55-59/97-40-49
HI	Wailuku	95.1	KAOI-FM	APP Mod for 3.5 kw-H (would drop V)/995 m, DA, 20-46-31/156-14-49; Class C to C1	NV	Fallon	104.1	NEW	CP Mod for 100 kw-H/235 m, 36-32-58/116-00-22
ID	Rexburg	94.3	KSNA	100 kw/176 m, 43-32-33/111-53-04; FC to 99.1	NV	North Las Vegas	104.3	KCYE	CP Mod for 100 kw-H (dropsV)/600 m, 39-54-46/118-55-18
ID	Salmon	99.9	KXML	CP Mod for 58 kw/525 m, 43-16-50/114-09-14; CL to Fairfield; Class A to C0	NV	Wendover	102.3	KVUW	7.5 kw/321 m, 36-00-36/115-00-20 (aux)
IL	Chicago	97.1	WDRV	CP Mod for 8.3 kw/363 m, DA (pattern change), 41-53-06/87-37-18	NM	Alamogordo	105.5	KZZX	100 kw/600 m, 41-07-19/114-34-02
IL	Danville	99.1	WXTT	50 kw/152 m, 40-08-53/87-46-21; CL to Savoy	NM	Raton	89.9	NEW	3 kw/-192 m, 32-53-13/105-57-04 (aux)
IL	Harrisburg	88.1	NEW	APP Mod for 500 w-V (dropsH) / 39 m (adds DA), 37-44-54/88-33-18	NY	Lake George	99.1	WCKM-FM	APP Mod for 380 w/-86 m, 36-51-36/104-23-55
IN	Clifford	89.9	NEW	APP Mod for 1 w-H/100 w-V/25 m, DA, 39-18-27/85-52-12	NY	New York	91.5	WNYE	CP Mod for 370 w/393 m, (Would drop 43-25-12/73-45-37; FC back to 98.5
IN	Cole	88.1	WVXI	CP Mod for 1 w-H/1 kw-V/57 m, 40-29-02/85-45-32	NC	Boone	90.5	WASU-FM	2 kw/281 m, 40-45-22/73-59-12; Class B to B1
IN	Plymouth	105.7	WJUK-LP	100 w/30 m, 41-20-29/86-18-30	NC	Garysburg	103.1	WNCM	140 w/381 m, DA, 36-13-59/81-41-55
IA	Hawkeye	89.9	NEW	APP Mod for 1 kw/62 m, 42-52-43/91-49-37; Class A; earlier APP rescinded	NC	Weaverville	105.9	WTMT	APP Mod for 6 kw/90 m, XL to 35-57-01/77-57-26, CL to Sharpsburg
IA	Sioux Rapids	102.9	KTFG	APP Mod for 49 kw/151 m, 42-54-35/ 95-09-33	ND	Jamestown	88.9	KLUU	9.8 kw/335 m, 35-36-04/82-39-07
IA	Waverly	89.9	KWAR	CP Mod for 100 w/26 m, XL move to 42-43-37/92-29-01	OH	Cleveland	98.5	WNCX	CP Mod for 1.6 kw/87 m, 46-50-05/98-41-31; FC to 89.1
KS	Dodge City	89.1	NEW	APP Mod for 68 kw-V/206 m, 37-39-01/100-40-09	OH	Cleveland	102.1	WDOK	8.5 kw/170 m, 41-20-28/81-44-24 (aux)
KY	Fearsville	91.7	WYJZ	CP Mod for 4 kw-V/12 m, (Would add) DA, 36-56-18/87-19-39	OH	Delaware	107.9	WODB	8.5 kw/170 m, 41-22-45/81-43-12 (aux)
KY	Frankfort	104.9	WFKY	APP Mod for 3.4 kw/86 m, 38-13-18/84-54-54	OK	Muskogee	97.1	KYAL-FM	3 kw/143 m, 40-14-42/82-55-49; CL to Westerville
MD	Midland	88.3	NEW	APP Mod for 10 w-H/18 w-V/412 m, 39-34-51/78-54-01	PA	Jersey Shore	96.3	WJSA-FM	60 kw/380 m, 35-15-35/95-25-52 (aux)
MI	Belding	90.9	WSLI	11.5 kw-V/73 m, DA, 43-05-12/85-18-59	SC	Moncks Corner	92.5	WIHB	2.65 kw/306 m, (add) DA, 41-13-45/77-22-02
MI	Yates	90.3	NEW	1 w-H/2.35 kw-V/84 m, 42-50-07/83-05-15; initially dismissed (73.515) but reinstated	SD	Watertown	89.1	KJBB	CP Mod for 77 kw/487 m, 32-55-28/79-41-58; drops DA; Class C1 to C0
MS	Waynesboro	105.5	WABO-FM	6 kw/44 m, 31-40-40/88-40-13	TN	Knoxville	107.7	WIVK-FM	CP Mod for 26 kw-V (drops H)/262 m, 45-06-17/96-59-17
MT	Four Corners	90.3	NEW	APP Mod for 1 w-H/1 kw-H/-57 m, (would add) DA, 45-37-49/110-55-23	TN	Morrison	105.3	WOWC	6.8 kw/619 m, 35-48-41/83-40-10 (aux)
MT	Libby	88.9	KVRZ	CP Mod for 85 w/380 m, (drops	TN	Spencer	107.3	WTRZ	APP Mod for 830 w/-6 m, 35-41-42/85-46-33
					TN	Tusculum	91.1	NEW	125 w/-6 m, 35-41-42/85-46-33 (aux)
					TX	Center	100.5	KQBB	APP Mod for 500 w-H/10 kw-V/98 m, DA, 36-05-53/82-56-37
									8.5 kw/173 m, (would go DA),

TX	Crystal Beach	105.3	KPTI	31-43-34/94-15-27 50 kw/150 m, 29-48-51/ 94-13-30; CL to Winnie; Class A to C2	VA	Pennington Gap	105.5	WSWV-FM	76-27-45; CL to Windsor 6 kw/83 m, 36-44-02/ 83-02-34
TX	Hamilton	104.9	NEW	CP Mod for 4.2 kw/120 m (drops DA), 31-40-07/ 98-02-30; FC from 107.7	VA	Roanoke	107.9	WYYD	19 kw/549 m, 37-28-19/ 79-22-28; CL to Amherst
TX	Krum	93.7	KNOR	100 kw/450 m, DA, 33-31-38/97-24-54; Class C1 to C0	WA	Spokane	99.9	KXLY-FM	90 kw/643 m, 47-39-34/ 116-57-48
TX	Morton	91.9	KPGA	CP Mod for 100 kw/159 m, 33-33-01/102-13-07	WA	Westport	101.3	KABW	APP Mod for 6 kw/61 m, DA, 46-53-04/124-00-44
TX	Seymour	94.3	KSEY-FM	50 kw/150 m, 33-36-53/ 99-24-59; FC to 93.9	WV	Morgantown	89.7	WLOL-FM	CP Mod for 100 w/49 m, DA, XL to 39-39-53/79-59-52
VA	Bristol	100.5	WKJV-LP	35 w/50 m, XL to 36-36-25/ 82-12-15; FC to 103.5	WY	Jackson	89.1	KHOL	APP Mod for 1.9 kw/178 m, 43-36-32/110-49-46
VA	Norfolk	105.3	WKUS	50 kw/150 m, 36-48-43/	WY	Wright	92.7	KHRW	11.5 kw/335 m, (would add) DA, 44-36-09/106-55-49; CL to Rancho

- APPLICATIONS FOR NEW STATIONS -

				<u>Applies for:</u>					
CA	Big Bear City	88.7	NEW	4 kw/17 m, 34-14-24/ 116-49-24; Class A	IL	Effingham	91.3	NEW	3.4 kw-V/51 m, DA, 39-13-19/88-30-37; Class A; would displace W208AN
CA	Colfax	91.9	NEW	480 w-V/347 m, DA, 39-14-47/ 120-57-48; Class A	IN	Clifford	89.9	NEW	100 w-V/22 m, 39-18-57/ 85-52-41; Class A
CA	San Simeon	90.9	NEW	700 w-V/120 m, DA, 35-31- 26/121-03-40; Class A (reinstatement)	IN	Greensburg	89.9	NEW	1 w-H/700 w-V/32 m, DA, 39-17-48/85-25-17; Class A
IL	Bluford	90.9	NEW	500 w/47 m, 38-21-04/ 88-45-06; Class A	KS	Riley	90.9	NEW	9.1 kw/93 m, 39-14-38/ 96-39-30; Class C3
ME	Lincoln	90.5	NEW	65 w/145 m, DA, 45-20-46/ 68-30-24; Class A	ME	Corinth	90.3	NEW	2 kw/275 m, 45-03-26/ 69-11-25; Class C3
MI	Harrison	90.7	NEW	100 w/30 m, 44-01-02/ 84-47-56; Class A	NY	Stamford	90.1	NEW	200 w/-49 m, 42-22-13/ 74-39-22; Class A; would displace W211A1
MT	Four Corners	90.3	NEW	1 w-H/1 kw-V/-57 m, DA, 45-37-49/110-55-23	OK	Woodward	88.1	NEW	200 w-V/38 m, 39-47-53/ 85-29-04; Class C2
NV	Silverpeak	106.1	NEW	39 kw-H/895 m, 37-49-22/ 117-09-53; Class C	TX	Batesville	97.9	NEW	6 kw/100 m, 28-58-27/ 99-30-12; Class A
NM	Clovis	88.1	NEW	1.1 kw/53 m, 34-24-05/ 103-12-12; Class A; would displace K201CY	TX	Dilley	106.1	NEW	6 kw-H/100 m, 28-36-06/ 99-06-21; Class A
NY	Clayton	89.3	NEW	7.9 kw/26 m, DA, 44-15-03/ 76-01-51; Class C3	TX	Encinal	91.7	NEW	2.3 kw/36 m, 28-08-33/ 99-19-17; Class A
NY	Easthampton, Village of	90.7	NEW	3.8 kw-V/87 m, 41-01-56/ 71-58-32; Class A	TX	Lyford	91.9	NEW	9 kw-V/107 m, DA, 26-41-12/97-45-52; Class C3
NY	Napeague	90.7	NEW	10 w-H/6.25 kw-V/96 m, DA, 41-01-56/71-58-32; Class B1	VA	Lexington	88.7	NEW	3.9 kw/67m, 37-53-17/ 79-17-50; Class A
					WV	Marlinton	88.5	NEW	1 kw/-66 m, 38-13-40/ 80-04-40; Class A
					WI	Mineral Point	95.5	NEW	6 kw/94 m, 42-50-23/ 90-11-46; Class A

TRANSLATORS

--CALL LETTER CHANGES--

	<u>Old Call</u>	<u>New Call</u>					
AL	Anniston	94.3 NEW	W232BS	FL	Lake City	97.1 NEW	W246BY
AL	Muscle Shoals	102.3 W274AA	W272CE	FL	Sarasota	98.9 NEW	K255CY
AL	Oxford	99.1 NEW	W256BH	GA	Chatsworth	97.9 NEW	W250BK
AL	Priceville	101.7 NEW	W269CG	GA	Decatur	102.9 W223AO	W222BE
AL	Talladega	99.3 NEW	W257CM	ID	Burley	107.9 K246BH	K300AZ
AK	Anchorage	95.5 NEW	K238BE	ID	Idaho Falls	97.7 NEW	K249EE
AZ	Chinle	98.3 NEW	K252ER	ID	Montpelier	101.7 NEW	K269FQ
AZ	Lake Havasu City	102.3 NEW	KJJJ-1	IN	Warsaw	99.5 NEW	W258BN
AZ	Kayenta	98.1 NEW	K251BC	IA	Marshalltown	98.1 NEW	K251BB
AZ	Prescott	99.9 NEW	K260BL	IA	Waverly	100.9 NEW	K265EH
AZ	Tuba City	98.3 NEW	K252ES	IA	West Des Moines	95.3 NEW	K237FB
AZ	Tucson	106.3 NEW	KGMG-1	IA	West Des Moines	103.7 NEW	K279BF
AZ	Williams	99.7 NEW	K259BR	KS	Manhattan	98.3 NEW	K252EV
CA	Huron	107.9 NEW	K300CC	KS	Manhattan	99.5 NEW	K258BT
CA	Palo Colorado Canyon	106.7 NEW	K294BQ	KY	Frankfort	106.7 NEW	W294BG
CA	Placerville	102.9 NEW	K275BJ	KY	Glasgow	95.5 NEW	W238BV
CA	Pleasanton	97.3 NEW	KLLC-2	KY	Harlan	106.7 NEW	W294BF
CA	Pleasanton	106.9 NEW	KFRC-1	KY	Middlesboro	93.7 NEW	W229BF
CA	Santa Barbara	104.7 NEW	KCAQ-6	MA	Great Barrington	103.7 NEW	W279BZ
CO	Graymont	92.3 NEW	K222BQ	MI	Alpena	104.1 NEW	W281AY
CO	Idaho Springs	102.3 NEW	K272ES	MI	Lansing	99.9 NEW	W260BX
CO	Masonville	106.9 NEW	K295BM	MI	Three Rivers	96.3 W295AK	W242BP
CO	Norwood	89.5 K207AT	K208FF	MI	Traverse City	95.1 NEW	W236BU
CO	Pagosa Springs	98.3 NEW	K252ET	MI	Traverse City	95.5 NEW	W238BV
CO	Redstone	107.5 NEW	K298BC	MS	Cedar Hills	92.7 NEW	W224BV
CO	Saguache	98.7 NEW	K254BD	MO	Macon	93.3 NEW	K227BO
FL	Cocoa	94.7 NEW	W234BI	MT	Boulder	107.9 NEW	K300CE
FL	Englewood	107.5 W296BU	W298AV	MT	Seeley Lake	107.9 NEW	K300CD
FL	Lake City	95.5 NEW	W238BV	NJ	Egg Harbor	99.9 NEW	W260BW
				NE	Hastings	99.9 K261DE	K260BK

NM	Angel Fire	104.9	NEW	K285FY	PA	Stroudsburg	99.5	NEW	W258BO
NM	Chamisal	101.5	NEW	K268BS	PR	Patillas	101.5	NEW	W268BK
NM	Eagle Nest	96.1	NEW	K241BN	SC	Florence	97.9	NEW	W250BJ
NM	Eagle Nest	97.1	NEW	K246BP	SC	Orangeburg	97.1	NEW	W246BX
NM	Eagle Nest	97.9	NEW	K250AW	TN	Greeneville	104.7	NEW	W284BV
NM	Eagle Nest	102.3	NEW	K272ET	TN	Lawrenceburg	88.9	W202BM	W205CF
NM	Gallup East	94.9	NEW	K235BR	TX	Amarillo, East	98.3	NEW	K252EU
NM	Taos	102.9	NEW	W275BK	TX	Austin	105.3	NEW	W287AY
NY	Batavia	97.9	W278BH	W275BL	TX	Canyon	105.1	K284BH	K286BN
NY	Durham	97.5	NEW	W248BG	TX	Dumas	88.1	K255BO	K201IA
NY	Fulton	97.7	NEW	W249CF	TX	Mount Pleasant	99.1	K259AX	K256BN
NY	Gates	97.5	NEW	W248BH	UT	Laketown	97.9	NEW	K250AV
NY	Greece	101.9	NEW	W270BX	UT	Shivwits	101.5	NEW	K268BT
NY	Hornell	103.9	NEW	W280EB	UT	Wellsville	102.1	NEW	K271BT
NY	Waverly	107.9	NEW	W300BV	VA	Petersburg	104.1	NEW	W281AW
NC	Charlotte	93.1	NEW	W226BF	WA	Hoquiam	107.5	NEW	K298BD
NC	Charlotte	99.1	NEW	W256BP	WA	Ocean Shores	92.3	NEW	K222BO
NC	New Bern	105.7	NEW	W289BI	WA	Orting	93.7	NEW	K229BP
OH	Sharonville	98.1	NEW	W251BJ	WA	Prosser	92.3	NEW	K222BP
OH	Zanesville	103.3	NEW	W277BV	WA	Sunnyslope	94.3	NEW	K232ED
OK	Bristow	105.7	NEW	K289BK	WV	Granville	97.5	W246BM	W248BF
OK	Chickasha	106.9	NEW	K295BL	WV	Keyser	107.9	NEW	W300BU
OK	Duncan	96.1	NEW	K241BM	WI	Green Bay	93.1	NEW	W226BD
OK	Duncan	100.3	NEW	K262BW	WI	Sheboygan	104.1	NEW	W281AV
OR	Redmond	100.3	K209ES	K262BR	WY	Buffalo	95.9	NEW	K240DW
PA	Girard	92.5	NEW	W223BK	WY	Buffalo	105.9	NEW	K290BM
PA	Jonestown	97.5	NEW	W248BI	WY	Buford	93.3	NEW	K227BP
PA	Ligonier	100.3	NEW	W262BU	WY	Cheyenne	106.7	NEW	K294BR
PA	Mansfield	97.9	W247BK	W250BI	WY	Farson	93.5	NEW	K228EX
PA	Rockton	96.7	NEW	W244CH	WY	Laramie	102.1	NEW	K271BJ
PA	Russell Hill	94.5	W227CC	W230BL	WY	Sheridan	105.9	K288FZ	K290BL

- TECHNICAL CHANGES -
- ON THE AIR WITH NEW FACILITIES -
 (antenna heights are AGL)

AL	Alexander City	106.9	W295BG	55 w (adds H)/15 m, 32-41-32/ 86-00-28	NM	Gallup East	94.9	K235BR	240 w-V/27 m, DA, 35-36-22/ 108-41-26
AL	Greenville	101.1	W266BL	170 w/15 m, 32-14-17/ 86-12-42; FC from 101.5	NY	Amherst	96.5	W243BW	CP Mod for 55 w (adds H)/60 m (drops DA), 43-00-12/78-45-56
AZ	Kayenta	98.1	K251BC	250 w/15 m, 36-43-37/ 110-14-59	NY	Le Roy	105.1	W230BE	90 w-V (drops H)/6 m, DA, 42-58-46/78-00-44; FC from 93.9 via 104.5; CL from Byron
AZ	Kingman	98.7	KGPS-LP	100 w (adds V)/-20 m, 35-14-53/ 114-01-43	NY	Silver Creek	98.9	W255BP	11 w/6 m, 42-31-07/79-07-12
AZ	Star Valley	99.7	K259AS	10 w/10 m, 34-17-17/111-11-32	OH	Huber Heights	101.1	W268AX	106 w/51 m, DA, 39-49-32/ 84-08-59; FC from 101.5
AZ	Williams	99.7	K259BR	205 w/30 m, 35-15-57/112-10-47	OK	Bristow	105.7	K289BK	250 w/65 m, 35-44-51/96-23-30
FL	Englewood	107.5	W298AV	80 w/53 m, 26-58-15/82-19-24; FC from 107.1	OK	Perry	106.5	K296EH	1 w/56 m, 36-07-51/97-10-36; FC from 107.1
FL	Islamorada	107.3	W297AS	250 w-V/5 m, 25-03-47/ 80-28-22; FC from 107.9	OR	Ashland	106.7	K294AS	99 w/72 m, 42-13-42/122-44-43
FL	Key Largo	99.3	W257AC	250 w-V/5 m, 25-03-49/ 80-28-20; CL from Islamorada	OR	Redmond	100.3	K262BR	10 w-V, 29 m, DA, 44-25-03/ 121-06-01; FC from 89.7
FL	Naples	107.5	W298AW	250 w/7 m, 26-17-18/81-42-18	PA	Mansfield	97.9	W250BI	250 w/8 m, 41--48-54/77-05-28; FC from 97.3
FL	Perry	95.3	W237CN	27 w (adds H)/82 m, 30-08-00/ 83-35-45	PA	Russell Hill	93.9	W230BL	12 w-V/17 m, DA, 41-30-45/ 76-04-16; FC from 93.3
FL	Tamarac	100.3	W262AN	55 w/2664 m, 26-03-33/ 80-18-00	PA	Williamsport	104.1	W281AR	99 w-V/11 m, DA, 41-14-26/ 77-00-02
ID	Burley	97.1	K246BH	115 w/32 m, 42-33-36/114-05-50	SC	Anderson	91.9	W217AO	27 w/82 m, 34-30-53/82-38-17; FC from 91.3
ID	Idaho Falls	96.7	K244BJ	250 w (adds H)/12 m, XL to 43-32-43/111-53-14; CL from St. Anthony	SD	Sioux Falls	105.5	K288GA	230 w (adds V)/52 m, 43-33-04/ 96-44-22
ID	Idaho Falls	97.7	K249EE	41 w/10 m, DA, 43-32-33/ 111-53-04	TN	Fayetteville	95.9	W239AA	19 w-V/8 m, 35-12-05/86-40-12; FC from 95.7
ID	Montpelier	101.7	K269FQ	115 w/31 m, 42-19-13/111-17-14	TX	Dumas	88.1	K201IA	115 w/29 m, 35-50-28/ 101-58-12
IL	Dekalb	98.9	W255BN	225 w/14 m, 41-56-01/88-44-54	TX	Mount Pleasant	100.9	K265DW	250 w/60 m, 33-09-28/94-57-46
KS	Ness City	92.5	K225AF	150 w/78 m, 38-26-04/99-57-14; FC from 98.3	VA	Petersburg	104.1	W281AW	27 w/67 m, 37-10-37/77-25-18
KY	Hopkinsville	95.3	W237BV	250 w/64 m, 36-52-54/87-30-44	WA	Chehalis	91.9	K220HE	13 w-V/39 m, 46-33-17/ 123-03-27
MO	Lees Summit	93.7	K229AU	99-V/7 m, 38-57-31/94-26-39	WA	Longview	97.9	W250AE	250 w/66 m, 46-08-57/ 122-58-29
MT	Helena	97.7	KCCH-LP	100 w/-70 m, 46-37-02/ 112-02-56	WA	Packwood	97.7	K249CQ	41 w-V (from H)/39 m, (drops DA), XL to 46-36-09/121-38-08
NY	Fulton	97.7	W249CF	200 w/23 m, 43-19-15/76-26-08	WI	Sheboygan	104.1	W281AV	7 w/27 m, 43-45-56/87-45-59
MA	Gloucester	101.5	W268AM	38 w/30 m, 42-37-28/70-39-15	WY	Farson	93.5	K228EX	250 w/14 m, 42-08-46/ 109-27-46
MN	Pine City	94.1	K231AT	55 w/46 m, 45-54-07/92-57-25	WY	Sheridan	105.9	K290BL	250 w/10 m, DA, 44-37-20/ 107-06-57; FC from 105.5
NE	Paxton	105.5	K286BM	170 w/43 m, 41-08-18/ 101-21-41; FC from 105.1					
NM	Chamisal	101.5	K268BS	10 w/5 m, DA, 36-14-48/ 105-39-15					
NM	Eagle Nest	96.1	K241BN	10 w/2 m, 36-38-28/105-13-48					
NM	Eagle Nest	102.3	K272ET	10 w/2 m, 36-38-28/105-13-48					

- TECHNICAL CHANGES -
- CONSTRUCTION PERMITS GRANTED -
 (antenna heights are AGL)

AL	Anniston	94.3	W232BS	120 w/32 m, 33-39-17/85° 49' 45"	AL	Tallassee	101.1	W266BJ	38 w/28 m, 32-32-10/85-53-40; CL from Golddust
AL	Priceville	101.7	W269CG	10 w-V/55 m, 34-30-43/ 86-50-55; CL from Somerville	AK	Anchorage	95.5	K238BE	75 w-V/59 m, DA, 61-11-18/

AK	Petersburg	103.1	K276BD	149-52-55; FC from 95.1 125 w-H/12 m, DA, 56-47-54/ 132-54-45	CO	Saguache	98.7	K254BD	10 w/12 m, 38-09-48/106-07-53
AK	Seldovia	91.5	K220FW	150 w-V/12 m, 59-26-20/ 151-42-45; FC from 91.9	CO	Loveland	107.3	K297AK	10 w/26 m, DA, 40-29-37/ 105-10-53
AR	Fayetteville	105.3	K287AN	250 w-V/146 m, DA, 36-08-50/ 94-11-13	FL	Bunnell	106.3	W292DE	CP Mod for 250 w/91 m, DA, 29-29-41/81-16-23; CL from Pierson
AR	Prairie Grove	107.5	K295AX	22 w/43 m, 36-01-04/94-13-08; FC from 106.9	FL	Clewiston	100.9	W266BI	38 w/75 m, 26-43-46/80-54-49; FC from 101.1
AZ	Chinle	98.3	K252ER	10 w/33 m, 36-21-07/109-49-54	FL	Cocoa	94.7	W234BI	30 w/76 m, 28-16-42/80-42-03
AZ	Prescott	99.9	K260BL	10 w-H/6 m, DA, 34-29-20/ 112-32-15	FL	Florida City	95.3	W237CI	90 w-V/5 m, 25-32-14/80-19-55
AZ	Tuba City	98.3	K252ES	10 w/5 m, 36-07-58/111-15-06	FL	Florida City	96.1	W241BA	250 w/26 m, XL to 25-11-00/ 80-23-17; CL from Key Largo
CA	Bolinas	89.9	K209FF	10 w/4 m, 37-55-50/122-43-09; FC from 89.7	FL	Marathon	106.1	W238BU	CP Mod for 250 w (adds H)/14 m, 24-42-37/81-05-51; FC from 95.5;
CA	Calistoga	91.5	K272EQ	10 w-H/4 w-V/6 m, DA, 38-40-09/ 122-37-53; QC from 102.3; CL from Santa Rosa	FL	Naples	102.3	W272BM	CP Mod for 75 w/6 m, 26-16-17/81-44-38
CA	China Lake	98.9	K257AJ	9 w-V/3 m, DA, 35-28-48/ 117-40-59; FC from 99.3	FL	Panama City	88.7	W203BJ	250 w/70 m, 30-11-41/85-37-51; FC from 88.5
CA	China Lake	99.5	K258BS	9 w-V/3 m, DA, 35-28-48/ 117-40-59; FC from 88.7	FL	Sarasota	106.9	W295BH	30 w (adds H)/51 m, 27-19-34/ 82-25-50; CL from Osprey
CA	Isla Vista	105.3	K287AL	10 w/6 m, DA, 34-30-11/ 119-51-02	GA	Cuthbert	90.1	W265BS	CP Mod for 27 w/59 m, 31-46-50/84-47-20; FC to 89.7
CA	Palo Colorado Canyon	106.7	K294BQ	10 w/6 m, DA, 36-23-48/ 121-52-26	GA	Decatur	102.9	W223AO	10 w/77 m, 33-48-18/84-08-40; FC from 92.5
CA	Placerville	102.9	K275BJ	10 w/30 m, 38-43-07/120-47-40	ID	Burley	97.1	K246BH	205 w-V/15 m, 42-32-07/ 114-18-15; FC to 107.7; CL to Twin Falls
CO	Frisco	91.3	K220ER	CP Mod for 23 w/39 m, 39- 29-47 106-01-43; FC from 91.9	IN	Martinsville	94.1	W231BT	38 w/46 m, 39-26-18/86-27-58
CO	Graymont	92.3	K222BQ	70 w-H/8 m, DA, 39-40-14/ 105-54-48	IN	Rushville	104.9	W285DN	250 w/12 m, 39-36-31/85-26-39
CO	Pagosa Springs	98.3	K252ET	250 w/15 m, DA, 37-11-32/ 107-05-55					
IN	Warsaw	99.5	W258BN	10 w/121 m, 41-11-23/85-46-39					97-56-30
IA	Marshalltown	98.1	K251BB	250 w/70 m, 42-00-21/92-53-37	OK	Duncan	100.3	K262BW	250 w/68 m, 34-32-48/ 97-56-30
IA	Waverly	100.9	K265EH	250 w/75 m, 42-45-29/92-25-57	OH	Ashland	89.9	W210BG	55 w/19 m, 40-50-26/82-21-26
IA	West Des Moines	95.3	K237FB	220 w/84 m, 41-32-53/93-50-29	OR	Ashland	106.7	K294AS	99 w/72 m, XL to 42-13-42/ 122-44-43
IA	West Des Moines	103.7	K279BF	100 w/87 m, 41-38-20/93-48-27	OR	Bend	99.3	K204FW	28 w-V/14 m, DA, 44-04-40/ 121-19-49; FC from 88.7
KY	Harlan	106.7	W294BF	10 w/30 m, 36-48-00/83-22-36	PA	Center Moreland	99.1	W256BF	10 w-V/4 m, 41-27-07/76-00-33
MD	Hancock	96.3	W242AR	CP Mod for 19 w/14 m, 39-42-36/ 78-10-11	PA	Ligonier	100.3	W262BU	7 w/85 m, 40-10-51/79-07-46
MD	White Marsh	104.9	W285EJ	CP Mod for 10 w-H (from V- only)/84 m, 39-25-04/76-33-23	PA	Lake Winola	105.3	W230BL	22 w-H (from V)/8 m, DA, XL to 41-28-01/75-41-12; FC from 93.9;
MA	Great Barrington	103.7	W279BZ	10 w/37 m, 42-10-20/73-18-49					CL from Russell Hill
MA	Lawrence	99.9	W260AS	CP Mod for 10 w/59 m, 42-45-24/71-06-47	PA	Rockton	96.7	W244CH	180 w/33 m, 41-08-41/78-52-41
MI	Muskegon	90.7	W215AS	19 w-H/61 m, 43-16-39/ 86-14-45; FC from 90.9	SC	Darlington	98.9	W255BD	250 w/122 m, XL to 34-13-48/ 79-44-49
MI	Traverse City	95.5	W238BV	10 w/76 m, 44-46-36/85-41-02	SC	Florence	97.9	W250BJ	210 w/152 m, DA, 34-14-02/ 79-46-51
MS	Cedar Hills	92.7	W224BV	30 w/40 m, 32-15-40/ 90-17-00	SC	Orangeburg	97.1	W246BX	220 w/104 m, DA, 33-27-13/ 80-57-15
MO	Macon	93.3	K227BO	250 w/34 m, 39-42-34/ 92-27-50	SC	Seneca	103.5	W75BJ	250 w/77 m, 34-41-15/ 82-59-16; FC from 102.9
NV	Tonopah	89.7	K208ET	CP Mod for 10 w/10 m, 38-03-06/ 117-13-30; FC from 89.5	TN	Cookeville	89.7	W206AJ	10 w/53 m, 36-07-52/85-27-28; FC from 89.1
NJ	Bridgeton	97.7	W249BY	10 w (adds H)/131 m, 39-27-31/ 75-12-12	TN	Cowan	94.5	W286BP	55 w/48 m, 35-09-39/86-01-51; FC from 105.1
NJ	Egg Harbor	99.9	W260BW	120 w/20 m, 39-33-18/ 74-42-52	TN	Greenville	104.7	W284BV	10 w/20 m, 36-01-24/82-42-56
NM	Gallup	90.9	K215EG	CP Mod for 99 w/23 m; XL to 35-32-27/108-44-36	TN	McMinnville	107.7	W299AE	100 w/64 m, 35-40-00/85-46-35
NY	Batavia	102.9	W275BL	CP Mod for 28 w-V/45 m, DA, 42-59-26/78-07-17; FC from 103.7 via 103.5	TX	Canyon	94.7	K237CT	10 w/85 m, 35-02-18/ 101-54-55; FC from 95.3
NY	Dundee	96.9	W245BL	250 w (adds H)/80 m, DA, 42-32-40/76-59-35; CL from Italy	TX	Perryton	91.9	K220IZ	250 w/70 m, 36-24-06/ 100-47-38
NY	Durham	97.5	W248BG	35 w/28 m, DA, 42-19-43/ 73-58-15	UT	Centerville	91.3	K224BY	215 w/18 m, DA, 40-48-29/ 111-53-22; FC from 92.7
NY	Grand Island	95.7	W239BA	55 w (adds H)/58 m, XL move to 43-01-48/78-55-15; CL from Pendleton	UT	Ephraim	90.9	K213DC	250 w-V/16 m, 39-21-11/ 111-34-38; FC from 90.5
NY	Waverly	107.9	W300BV	120 w/22 m, 42-00-31/76-33-28	UT	Laketown	97.9	K250AV	92 w/17 m, 42-03-17/111-24-17
NC	Charlotte	99.1	W256BP	10 w/163 m, DA, 35-15-05/ 80-41-12	UT	Moab	104.1	K281AJ	200 w (adds H)/12 m (drops DA); 38-34-13/109-31-38
ND	Williston	88.3	K201FJ	CP Mod for 38 w-V/79 m, 48-09-18/103-30-01; FC from 88.1	UT	Wellsville	102.1	K271BI	210 w-V/9 m, DA, 41-33-04/ 111-56-07
OH	Sharonville	98.1	W251BJ	13 w/95 m, 39-18-13/84-27-43	WA	Camano	102.1	K271AH	115 w/23 m, 48-18-49/122-32-23
OH	Zanesville	103.3	W277BV	13 w/104 m, 39-55-42/ 81-59-07	WA	Hoquiam	107.5	K298BD	115 w/28 m, 46-56-00/123-43-57
OK	Ada	105.1	K284BN	75 w (adds H)/124 m, 34-45-51/ 96-41-32; FC from 104.7	WA	Ocean Shores	92.3	K222BO	250 w/10 m, DA, 46-57-46/ 124-09-49
OK	Chickasha	106.9	K295BL	250 w/15 m, 35-01-53/97-57-21	WA	Orting	93.7	K229BP	75 w-V/18 m, DA, 47-12-49/ 122-15-53
OK	Duncan	96.1	K241BM	250 w/78 m, 34-32-48/	WA	Packwood	97.7	K249CQ	41 w-V (from H-only)/39 m (drops DA), 46-36-09/121-38-08
					WA	Summer & Lake Tapps	89.3	K207AP	25 w-H/10 m, DA, 47-12-45/

WA Sunnyslope	94.3	K232ED	122-11-01 50 w-V/9 m, DA, 47-26-16/ 120-10-42	WV Sistersville	93.1	W226BE	78-57-58 25 w (adds H)/11 m, 39-33-46/ 80-59-02; FC from 92.9
WA Walla Walla	91.9	K220JL	205 w-V/32 m, DA, 46-01-35/ 118-19-46	WI Green Bay	93.1	W226BD	250 w/70 m, 44-28-40/ 87-59-59
WV Huntington	98.5	W253BB	CP Mod for 250 w/76 m, 38-25-16/82-26-27	WY Evanston	89.1	K209DC	CP Mod granted for 5 w-V/9 m, 41-21-09/110-54-26/ FC from 89.7
WV Keyser	107.9	W300BU	25 w-V/15 m, DA, 39-26-38/				

- TECHNICAL CHANGES -
- Grants for New Stations -
(antenna heights are AGL)

AL Oxford	99.1	W256BH	105 w/31 m, 33-38-39/85-46-01	NY Hornell	103.9	W280EB	120 w/12 m, 42-19-40/77-39-44
AL Talladega	99.3	W257CM	10 w/70 m, 33-29-11/85-59-15	NC New Bern	105.7	W289BI	95 w/32 m, 35-06-03/77-04-33
CA Huron	107.9	K300CC	120 w/14 m, 36-12-05/120-05-53	PA Girard	92.5	W223BK	38 w/10 m, 42-00-10/80-19-15
CO Idaho Springs	102.3	K272ES	10w-V/30 m, 39-40-31/105-29-02	PA Jonestown	97.5	W248BI	10 w/26 m, 41-07-35/76-15-59
CO Masonville	106.9	K295BM	9 w/25 m, DA, 40-37-03/ 105-19-40	PA Stroudsburg	99.5	W258BO	4 w/29 m, 40-56-53/75-09-38
CO Redstone	107.5	K298BC	10 w-V/8 m, 39-14-20/107-13-02	PR Anasco	104.5	W283BI	82 w/67 m, DA, 18-16-38/ 67-09-58
FL Lake City	97.1	W246BY	38 w/61 m, 30-09-20/82-38-14	PR Patillas	101.5	W268BK	80 w/50 m DA, 18-00-36/ 66-01-28
FL Sarasota	98.9	W255CC	120 w/40 m, 27-19-27/82-29-47	TX Amarillo East	98.3	K252EU	115 w/77 m, 35-13-25/101-50-21
GA Chatsworth	97.9	W250BK	55 w/30 m, 34-45-55/84-44-57	TX Austin	105.3	K287AY	50 w/140 m, 30-19-24/97-48-06
KS Manhattan	98.3	K252EV	100 w/71 m, 39-14-12/96-35-25	UT Shivwits	101.5	K268BT	10 w-H/21 m, DA, 37-08-56/ 113-52-03
KS Manhattan	99.5	K258BT	170 w/80 m, 39-14-12/96-35-25	WA Prosser	92.3	K222BP	40 w/17 m, 46-11-12/119-45-12
KY Frankfort	106.7	W294BG	27 w/18 m, 38-12-53/84-54-32	WI Green Bay	93.1	W226BD	250 w/70 m, 44-28-40/87-59-59
KY Glasgow	95.5	W238BV	20 w/25 m, 36-59-45/85-54-48	WI Sheboygan	104.1	W281AV	7 w/27 m, 43-45-56/87-45-59
KY Harlan	96.3	W242BR	10 w/15 m, 36-49-19/83-08-57	WY Buffalo	95.9	K240DW	250 w/18 m, 44-36-09/106-55-51
KY Middlesboro	93.7	W229BF	10 w/19 m, 36-38-52/83-41-27	WY Buffalo	105.9	K290BM	250 w-V/10 m, DA, 44-20-54/ 106-41-30
MI Lansing	99.9	W260BX	14 w/114 m, 42-43-16/84-33-01	WY Buford	93.3	K227BP	70 w/13 m, DA, 41-04-42/ 105-11-59
MI Traverse City	95.1	W236BU	10 w/76 m, 44-46-36/85-41-02	WY Cheyenne	106.7	K294BR	1 w/29 m, 41-09-37/104-42-13
MT Seeley Lake	107.9	K300CD	25 w-V/5 m, 47-09-54/113-31-48	WY Laramie	102.1	K271BJ	24 w/41 m, DA, 41-18-39/ 105-27-12
NM Angel Fire	104.9	K285FY	28 w/11 m, 36-22-50/105-19-31				
NM Eagle Nest	97.1	K246BP	10 w/2 m, 36-38-28/105-13-47				
NM Eagle Nest	97.9	K250AW	10 w/2 m, 36-38-28/105-13-48				
NM Taos	102.9	K275BK	250 w/50 m, 36-23-22/105-34-45				
NY Gates	97.5	W248BH	10 w/117 m, 43-10-13/77-40-23				
NY Greece	101.9	W270BX	80 w/20 m, 43-13-49/77-37-25				

-- APPLICATIONS FROM EXISTING / PROPOSED FACILITIES --
(antenna heights are AGL)

			APPLIES FOR:				38-03-06/117-13-30; FC from 90.1
AK Eagle River	103.7	NEW	APP Mod for 35 w-V/27 m, DA, 61-20-12/149-30-45	NH Manchester	94.1	W231BR	250 w/39 m, (would add) DA, 43-00-45/71-26-30
AK Eagle River	106.3	NEW	APP Mod for 35 w-V/27 m, DA, 61-20-12/149-30-45	NY Hornell	103.9	W280EB	CP Mod for 34 w-V/9 m, DA, 42-16-41/77-46-11; CL to Alfred
AK Elfin Cove	92.1	K221EP	250 w-V (from H)/26 m, DA, 58-11-25/136-20-42 (re- application)	NY Lake Placid	106.5	NEW	APP Mod for 165 w-H/44 m, DA, 44-20-28/74-07-43; CL to Saranac Lake
AR Arkadelphia	98.9	K255BH	250 w-V/15 m, 34-09-34/93-11-50	OH Hillsboro	97.1	NEW	APP Mod for 38 w/27 m, 39-11- 25/83-36-38
CA San Diego	99.9	NEW	APP Mod for 7 w/12 m, DA, 33-04-03/117-16-38	OR The Dalles	96.9	K245AF	99 w (would drop V)/10 m, DA, 45-37-24/121-05-33
CA San Ardo & Bradley	97.7	K249AQ	10 w-V/17 m, XL to 35-57-14/ 120-59-23	TN Palmer	105.7	W289BH	10 w/11 m, 35-20-54/85-38-10; FC to 95.1; CL to Coalmont
CO Rangely	91.9	K220BM	CP Mod for 28 w (adds V)/14 m, DA, 40-09-30/108-56-56	VA Harrisonburg	92.1	NEW	APP Mod for 6 w/22 m, 38-23-36/78-46-13
FL Key Largo	107.1	W296BP	250 w-V (would drop H) /5 m, 25-17-22/80-26-39	WA Camano	102.1	K271AH	115 w/23 m, 48-18-49/ 122-32-23
FL Naples	107.5	W298AW	170 w/7 m, 26-09-36/81-45-09	WA Yakima	91.5	K218CX	APP Mod for 28 w/28 m, 46-31-55/120-27-21
IL Le Roy	103.7	W279BN	10 w (would drop H)/4 m; 40-23-28/88-52-09	WY Buffalo	105.9	NEW	250 w (would drop H)/10 m, (would add) DA, XL to 44-20- 54/106-41
IN Rushville	103.7	W279AM	230 w/12 m, DA, 39-39-31/ 85-26-39	WY Cheyenne	100.3	K262BV	250 w/34 m, XL to 41-09-37/ 104-42-13
MD Baltimore	97.5	W248AO	8 w (would add H)/107 m, 39-19-53/76-39-28	WY Cody	101.7	K266AA	CP Mod for 32 w (adds V)/12 m, DA, 44-29-49/109-09-10; FC to 102.3 via 101.1
MN Cook	88.9	WQRN	CP Mod for 16 kw/70 m, DA, 47-53-09/ 92-39-47	WY Jackson	107.1	K296EG	14 w-V/60 m, DA, XL to 43-27- 42/110-45-10; FC to 96.3
MN Fairmont	90.9	K215ES	160 w/21 m, 43-36-53/94-31-05				
MS Renova	102.7	W274AW	250 w/30 m, XL correction to 33-44-54/90-43-14				
MO Mountain Grove	88.1	K201CI	62 w/87 m, 37-06-05/92-16-04; FC to 88.7				
NV Tonopah	89.7	K208ET	CP Mod for 10 w-V/10 m,				

- APPLICATIONS FOR NEW FACILITIES -
(antenna heights are AGL)

MN Minneapolis	91.9	NEW	13 w/18 m, 44-58-03/93-18-23
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- REINSTATEMENTS -

IL Harrisburg	88.1	NEW	APP for 8 kw-V/129 m, 37-44-21/88-32-29	PA Hawley	89.1	WBYH	APP for 4.7 kw/176 m
MI Grosse Pointe Shores	88.3	NEW	APP for 160 w-H/5.5 kw-V/ 50 m, 42-28-27/82-53-09	PR Juana Diaz	103.3	WVJP-1	460 w/29 m, DA, 18-05-02/ 66-27-22
				PR Fajardo	103.3	WVJP-2	2 kw/21 m, DA, 18-16-57/ 65-40-15

TX	Encinal	91.7	NEW	2.3 kw/36 m, 28-08-33/ 99-19-17	TX	Weatherford	89.5	KYQX-1	4 w/15 m, 32-45-30/ 97-48-38
TX	Sulphur Springs	91.1	NEW	1 kw-V/46 m, 33-08-55/ 95-34-02	TX	Weatherford	89.5	KYQX-2	55 w/30 m, 32-44-21/ 97-47-59
- DISMISSALS -									
AL	Moundville	88.5	NEW	APP for new station (DA 08-1537)	FL	Melbourne Beach	88.1	NEW	corporation APP for new xltr
AK	Aniak	94.3	NEW	APP for new station	FL	Melbourne	88.1	NEW	APP for new xltr
AK	Iliamna	94.3	NEW	APP for new station	GA	Americus	90.1	NEW	APP for new station (DA 08-1537)
AK	Kalskag	94.3	NEW	APP for new station	GA	Canton	102.7	NEW	APP for new station
AK	Port Alsworth	94.3	NEW	APP for new station	GA	Cedartown	89.5	NEW	APP for new station
AZ	Star Valley	99.7	K259AS	APP for 250 w ROA	GA	Cochran	90.9	NEW	APP for new station (73.509)
CA	Banning	98.1	K251BA	License canx ROA	GA	Dahlonega	90.3	NEW	APP for new station
CA	Big Bear City	88.7	NEW	APP for new station (settlement)	GA	Helen	90.3	NEW	APP for new station
CA	Mammoth Lakes	89.7	NEW	APP for new station (DA 08-1537)	GA	Hiawassee	90.3	NEW	APP for new station
CA	Paradise	89.7	NEW	APP for new station (DA 08-1836)	GA	Lumpkin	99.3	WKCN	CP for aux facilities
CA	Placerville	89.9	NEW	APP for new station (DA-08- 1537)	GA	Reidsville	90.3	NEW	APP for new station
CA	Point Arena	88.9	NEW	APP for new station (DA-08- 1537)	GA	Richland	90.1	NEW	APP for new station (DA 08-1537)
CA	Ramona	89.9	NEW	APP for new station (73.515, Mexican treaty)	GA	Swainsboro	100.5	WXRS-FM	CP for 25 kw/84 m canx ROA
CA	Rosedale	88.9	KOGR	Denied additional time to build	HI	Wailuku	95.1	KAOI-FM	APP for 55 kw ROA; applied for changed facilities
CA	Santa Cruz	97.5	NEW	APP for a new station	IL	Brookville	89.9	NEW	APP for a new station
CA	Tehama	89.7	NEW	APP for new station (DA 08-1836)	IL	Kincaid	89.1	NEW	APP for new station (73.509)
CA	Yucaipa	94.1	K231BD	License canx ROA	IL	Quincy	91.1	NEW	APP for new station (DA 08-1467)
CO	Fort Collins	101.5	KKNZ-LP	APP to move to 101.7	IL	Wayne City	90.9	NEW	APP for new xltr
CO	Idaho Springs	88.3	NEW	APP for new station ROA	IN	La Porte	88.5	NEW	APP for new station (DA 08-1467)
DC	Washington	96.3	WHUR-FM	CP for aux facilities	IN	Norristown	89.9	NEW	APP for new station
FL	Dade City	96.7	WZPH-LP	APP for tower height increase filed by an individual, not the	IA	Manly	90.7	NEW	APP for new station (DA 08-1467)
					IA	Postville	89.9	NEW	APP for new station (DA 08- 1467)
KY	Cynthiana	88.3	NEW	APP for new station (DA 08-1467)	NY	Bath	89.9	NEW	APP for new station (DA 08-1467)
KY	Sunrise	88.3	NEW	APP for new station (DA 08-1467)	NY	Corning	89.7	NEW	APP for new station (DA 08-1467)
LA	Baton Rouge	89.3	WRKF	CP for 2.4 kw aux	NY	Gowanda	89.3	NEW	APP for new station
LA	New Iberia	88.3	NEW	APP for new station	NY	Schoharie	89.9	NEW	APP for new station (settlement)
ME	Newport	91.7	NEW	APP for new station	NC	Aberdeen	104.1	WAOG-LP	FC to 104.1 ROA
ME	Rockland	91.5	NEW	APP for new station	NC	Dillsboro	104.1	WRBN	CP for 6 kw/-42 m ROA
MA	Worcester	97.7	NEW	APP for new xltr ROA	NC	Wallace	90.9	NEW	APP for new station
MI	Manistee	93.3	W227AT	APP to move to 105.1	ND	Fargo	90.7	NEW	APP for new station (DA 08-1467)
MI	Mount Pleasant	90.7	W214BH	CP Mod for 250 w/30 m	ND	Jamestown	90.7	NEW	APP for new station (DA 08-1467)
MI	Riverside	88.7	NEW	APP for 6 kw/117 m (73.7002(c))	ND	Mapleton	90.7	NEW	APP for new station (DA 08-1467)
MI	Wakeshma Township	91.5	NEW	APP for new station (73.215(e))	ND	Watford City	89.1	NEW	APP for new station (DA 08-1467)
MA	Pittsfield	91.3	NEW	APP for new station	OH	Groveport	102.1	WCRG-LP	License canx ROA
MA	Worcester	97.7	NEW	APP for new station	OK	Woodward	88.1	NEW	APP for new station ROA
MI	Manistee	93.3	W227AT	APPs for move to 105.1 and subsequently to 107.7	OR	Arlington	106.1	NEW	APP for a new xltr
MN	Detroit Lakes	89.9	NEW	APP for new station	OR	Klamath Falls	88.1	NEW	APP for new station (DA 08-1537)
MN	Foley	88.5	NEW	APP for new station (DA 08-1467)	OR	Medford	90.5	NEW	APP for new station (73.509)
MO	St. James	89.3	NEW	APP for new station (DA 08-1467)	OR	Stayton	88.5	NEW	APP for new station (DA 08-1537) (2 applicants)
MO	Stoutsville	90.9	NEW	APP for new station (DA 08-1467)	PA	Berlin	91.5	NEW	APP for new station
MT	Bozeman	90.3	NEW	APP for new station (settlement)	PA	Middle Spring	93.9	W230AX	APP for power reduction
MT	Helena	97.3	KNEH-LP	CP to drop V	PA	Mifflinville	88.5	NEW	APP for new station (settlement)
MT	Livingston	90.3	NEW	APP for new station (settlement)	SC	Centerville	89.7	NEW	APP for new station
NE	Allen	100.9	KHSK	APP for 6 kw/100 m ROA	SC	Clinton	91.9	NEW	APP for new station (DA 08-1537)
NE	Plainview	88.3	NEW	APP for new station	SC	Laurens	91.9	NEW	APP for new station (DA 08-1537)
NV	Charleston Park	105.5	K288FN	APP to move to 94.9 ROA	SC	Joanna	91.9	NEW	APP for new station (DA 08-1537)
NV	Indian Springs	99.3	KRGT	APP for aux facilities	SC	Maryville	90.5	NEW	APP for new station (DA 08-1537)
NJ	Lakehurst	91.7	NEW	APP for new station (73.509)	SD	Rapid City	88.9	NEW	APP for new station (DA 08-1537)
NM	Cuba	91.1	NEW	APP for new station (DA 08-1467)	TN	La Follette	91.1	NEW	APP for new xltr
NM	Paguate	91.1	NEW	AF dismissed (DA 08-1467)	TN	Mosheim	91.1	NEW	APP for new station (DA
NM	Raton	88.9	NEW	APP for upgrade ROA					
NM	Raton	103.5	NEW	APP for new xltr ROA					
NM	San Ildefonso Pueblo	91.1	NEW	APP for new station (DA					

TN	Townsend	91.1	NEW	08-1537) APP for new station (DA 08-1537)
TX	Greenville	101.5	KYLP-LP	CP to drop V
TX	Joaquin	90.5	NEW	APP for new station (DA 08-1467)
TX	Sulphur Springs	91.1	NEW	AF dismissed (ROA)
TX	Vernon	103.1	KVWC-FM	CP for 25 kw/43 m
TX	Willis	104.7	NEW	APP for a new station
UT	St. George	106.9	NEW	APP for new station
WV	Beckley	88.7	NEW	APP for new station

WV	Meadow Bridge	88.7	NEW	APP for new station ROA
WY	Cheyenne	100.3	K262BV	APP for XL change

73.509 - Prohibited overlap
73.510 - Antenna systems
73.515 - Transmitter location not providing 60 dbu coverage over CoL
73.7002 - Fair distribution of service on reserved band FM channels
DA 08-1467 - On comparative analysis, another applicant was found to better fulfill the "fair distribution" of service.
DA 08-1537 - See DA-08-1467
DA 08-1836 - See DA-08-1467

- OTHER NEWS -

AZ	Ehrenberg	105.1	-----	Requests allocation change to 93.5
AZ	First Mesa	97.3	-----	Requests allocation change to 104.1
CO	Creede	104.3	K282AQ	License cancelled ROA
FL	Key Colony Beach	101.3	WKYZ	Is silent; may be due to action on their upgrade
GA	Fayetteville	97.5	WPZE	Fined \$7200 for public file violations
GA	Roswell	107.5	WJZZ-FM	Fined \$7200 for public file violations
IN	Ligonier	105.9	WNRL-LP	Transferred to West Noble School Corp.
IA	Decorah	97.3	K247BF	Sold to Minn. Public Radio
IA	Fort Dodge	89.1	K206BF	License canx ROA
KY	Cumberland	102.7	WVEK-FM	Is silent
MD	Pocomoke City	106.5	WKHW	Is silent
MI	Custer	100.5	-----	Requests allocation change to 93.3
MI	Muskegon	106.1	WMMT-LP	Fined \$250 for failing to file for renewal in a timely manner

NY	Brooklyn	90.9	Pirate	Fined \$10,000 to Jean Idalbert for operating an unlicensed radio transmitter
ND	Dickinson	103.3	KPAR-LP	Donated to Higher Plains Media
SC	Winnsboro	93.9	WIGL-FM	Is silent
SD	Brookings	95.5	K238AX	Sold to Minn. Public Radio
TN	Gladeville	93.3	W227BV	Sold to WTNK-1090 Hartsville
UT	Mona	92.9	-----	Denied proposal of station here
VA	Colonial Heights	95.3	WKHK	Fined \$5000 for broadcasting a 'false' EAS message
WI	Milwaukee	91.7	WMSE	Using only their exciter the first few days of August due to transmitter problems; should be back to full power by the time you read this

+++++
Thanks to Shawn Axelrod, Joe Kureth, Deane McIntyre, Upper Midwest Broadcasting.com, FMedia, and Wisconsin Broadcasting.com for updates. If you
hear any changes occur on your FM dial, share the news!
+++++

SUWANNEE'S RADIO STATION WZRO-LP HEARD AT 1,000 MILES

Suwannee's radio station WZRO-LP has been heard at nearly 1,000 miles away in Blue Bell, Pennsylvania, fifteen miles northwest of Philadelphia. Russ Edmunds, whose hobby is listening for distant FM and AM radio stations heard a short segment of the broadcast and even recorded the mostly noisy signal to confirm the reception.

A REMARKABLE EVENT

This unusual event was most likely caused by a sky wave condition called Ionospheric Refraction where radio waves bounce off the ionosphere high above the earth and then return at distant locations. Imagine shining a flashlight beam on a mirror and the light ending up in a different location.

Jimmy Brooks, station manager of WZRO-LP, broadcasting on 93.1 on the FM radio band, said for Edmunds to hear the signal at that distance from Florida is remarkable because the Suwannee station is a (LPFM) Low Power FM Station. Low Power FM stations transmit with only 100 watts of effective radiated power while some other stations are allowed up to 100,000 watts. Brooks said it is normal to hear distant radio signals at night when listening on the (AM) radio band because they transmit on low frequencies which easily bounce off the

ionosphere, but it is rare to hear Frequency Modulated (FM) stations because they broadcast on higher frequencies and are normally heard only in their established coverage areas.

Edmunds believes the signal was skipped or reflected off the E-layer of the ionosphere which is about 60 to 70 miles above the earth. The signals would have climbed to this E-layer above the earth, then bounced off to come down again in Pennsylvania. At certain times of the year, especially when there is sun spot activity, this E-layer which is composed mostly of ionized gases, charges up enough to reflect signals at higher frequencies.

Gene Greneker, a retired scientist from Georgia Tech in Atlanta said the signal could even have reflected off the debris trail of a falling star or meteor. He said studies have proved this is more common than might be expected because the trail behind a falling star can also reflect signals.

SPECIALIZED EQUIPMENT

The FM receiver Edmunds was using is a professional Yamaha T-80 with special narrow IF filters. His receiving antenna is a fifteen foot high APS9B installed under the peak of his garage

(continued on page 48)

PHOTO NEWS



Jeff Kruszka, Editor
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September 2008

EVEN BETTER IN **COLOR!** CHECK OUT THE eVUD

We here again from Jeff Rostron, of Springfield, MA. Jeff caught some great video footage of low-band DTV's via Es. The first 4 photos are reproduced from YouTube:



WMAZ-DT-4-1 Macon, GA
 886 mi Es seen 5/29/08
 @1813 ET



WMAZ-DT-4-2 Macon, GA
 886 mi Es seen 5/29/08
 @1819 ET



WCFT-DT-5 Tuscaloosa, AL
 1008 mi Es seen 5/29/08
 @1935 ET



KJRH-2 Tulsa, OK
 1304 mi Es seen 5/30/08



WPTZ-DT-14 North Pole, NY
 177 mi Tr seen 9/19/07
 @1954 ET

And now some photos from new contributor Randy Zerr, of Ft. Walton Beach, FL.
Equipment: Panasonic TC-1471 13" color TV, 8 element log periodic antenna on rotor.



HRJS-2 San Pedro Sula, HND
1036 mi Es seen 6/6/08
"Vica TV 'V' logo upper right"



WLNE-6 New Bedford, MA
1153 mi Es seen 6/3/08



WPBT-2 Miami, FL
499 mi Es seen 7/14/08
short hop/intrastate Es!



XEPM-2 Cd. Juarez, CH
1175 mi Es seen 5/31/08
"tu canal"



KPRC-2 Houston, TX
533 mi Es seen 6/3/08



KCWX-2 Fredericksburg, TX
714 mi Es seen 6/3/08



HISD-4 Santo Domingo, DR
1336 mi Es seen 6/16/08



YSR-2 San Salvador, ES
1168 mi Es seen 6/6/08

Thanks, Randy!

73's, *Jeff*

MOBILE DTV?

From Broadcast Engineering's e-zine via Karl Zuk:

WRAL-DT, the CBS affiliate in Raleigh-Durham, NC, owned by Capitol Broadcasting Company (CBC), conducted a series of mobile DTV tests last week using the Mobile-Pedestrian-Handheld (MPH) system promoted by Harris Broadcast and others. Hosted by CBC's New Media Group, the tests featured seven handsets given to station executives living in different parts of the state. Users reported reliable signal reception in most parts of the station's existing coverage area.

To kick off the July 21-25 trial, the station hosted a reception last Tuesday in which about 50 participants were driven in a bus around the area with prototype LG Electronics mobile handsets that featured MPH-compatible reception chips inside. Signal reception of two channels (half rate at 600kb/s and one-quarter rate at 300kb/s) using about 4.5Mb/s (including turbo coding) of the station's 19.4Mb/s on-air DTV stream was reportedly strong everywhere they went during the 10-minute ride — even at 70 miles per hour.

The goal of the service, according to John Harris, WRAL's director of programming, is to extend the reach of the station's television channel, and make it available everywhere our viewers are. The initial plan is to simulcast the on-air DTV signal. WRAL-TV broadcasts CBS network and its own local programming in the 1080i HDTV format as well as in SD digital.

"We're excited about the possibilities," John Harris, WRAL's director of programming, told Broadcast Engineering. "The priority is to offer WRAL's TV signal in another way, in another

place. I took one [handset] east of the station and I just kept driving until the signal dropped out. I got pretty far before that happened, so I can see the potential of this service."

LG Electronics, Zenith Electronics and Harris, all proponents of the MPH scheme, helped out with the field trials. WRAL-DT uses a Harris Sigma CVD UHF transmitter, with an MPH module, for the weeklong test.

In a statement, James F. Goodmon, CEO of CBC, said "mobile DTV broadcasting enables WRAL to better serve our viewers, communities, and advertisers by providing a strong combination of anywhere access, two-way communication, and mobility."

In 1996, Harris worked with WRAL-DT as one of the first DTV stations in the country. Two years later, when John Glenn made his historic return to space, Harris worked with WRAL to conduct the first live HDTV broadcast of a space shuttle launch to audiences nationwide. Now, the station is the first to promote mobile DTV service in the state of North Carolina. WRAL predicts that more than 200 million portable devices will be sold in 2008, although few if any will have the necessary MPH reception chips inside.

WRAL-TV and Capitol Broadcasting Company are part of the Open Mobile Video Coalition (www.openmobilevideo.com), a nationwide group of broadcasters driving the deployment of mobile digital broadcast television. Commercial deployments are forecast for 2009. The group hopes to have an established standard available to broadcasters by the February 2009 analog shutoff date.

SOUTHERN FM DX



John Zondlo
4009 Driftwood Circle
Yukon, OK 73099
southernfmdx@wtfd.com
Deadline: 15th

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

September 2008

Eric Sundius – Sierra Vista, AZ –
esundius@yahoo.com

Onkyo T450 RDS, Onkyo T-9090 II (both RF modified), Jerrold 6 element FM antenna @ 15' AGL with Radio Shack rotor, all times MST

8/3 Es

1645 CKLF	94.7	MB	Brandon, "Star FM," r, Clear Lake MB refs
1654 KGGL	93.3	MT	Missoula, calls
1654 KSWI	95.7	IA	Atlantic, "Southwest Iowa Classic Hits"
1657 KYSS	94.9	MT	Missoula, "Kiss FM, Real Country"
1657 KJJY	92.5	IA	Des Moines, "Iowa's Big Country," RDS
1701 KGCX	93.1	MT	Sidney, "Eagle 93," r, MT refs
1740 WHLK	93.1	WI	DeForest, "93-1 The Lake," WI refs
1751 WJJO	94.1	WI	Watertown, calls and Madison refs

This looked like a widespread opening on the TV FM Skip Log (DXWorld). I saw widespread openings from both north-south and east-west occurring at the same time. I hope a lot of others got in on the action. 73,
Eric



John Cereghin – KB3LYP – WDX3IAO – 38 S. Carter Road, Smyrna, DE 19977 –
icereghin@gmail.com

Kaito KA-1103, Grundig YB-550PE, various antennas

7/17 Tr

2000 WIGO	104.9	VA	White Stone, "WIGO Country" 117
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7/18 Tr

0825 WXTG	102.1	VA	Virginia Beach, "Red Zebra Radio," sports 178
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7/22 Es

1300 KJEZ	95.5	MO	Poplar Bluff, "The Bone," Poplar Bluff ads 817
1305 WSM	95.5	TN	Nashville, "Nashville Country" 652
1310 KKAJ	95.7	OK	Ardmore, mentions of Chickasaw, Gainesville TX, Carter County OK Sheriff political ad 1244
1315 KWHF	95.9	AR	Harrisburg, "The Wolf" 865
1318 KVHU	95.3	AR	Judsonia, call ID 916
1320 unID	96.7	??	??, "The Beeper"
1325 unID	95.9	??	??, Christian, Sonlife Radio?, KUUZ?
1330 KFKF	94.1	KS	Kansas City, jingle ID 1011
1335 WMIX	94.1	IL	Mt. Vernon, ad for Crossroads Community Hospital in Mt. Vernon 719
1340 KSSZ	93.9	MO	Fayette, "Eagle 93.9," local news 902
1350 KICK	97.9	MO	Palmyra, "Kick-FM," k 846
<u>7/26 Es</u>			
1700 KQRS	92.5	MN	Golden Valley, "Minnesota's Classic Rock" 984
1702 KSDN	94.1	SD	Aberdeen, ads for Aberdeen "Webb's Shoe Company 1238
1705 KYNU	95.5	ND	Jamestown, Jamestown and Valley City announcements 1254
1715 KJJK	96.5	MN	Fergus Falls, ad for Larry's Foods, mention of Battle Lake and Elbow Lake, "Lakes Radio" 1134
1720 KZRV	96.7	MN	Sartell, "Rev967.com" 1040
1720 unID	95.7	??	??, probably near Peoria IL, "Prairie Grill," which is in Kickapoo IL, a suburb of Peoria



Fred Nordquist – 147 Travis Hill Road – Moncks Corner, SC – nordquis@homesc.com

Sangean HDT-1X, Denon TU1500RD, APS-13 @ 23'

7/22 Es

1150 KMFR	105.9	TX	Hondo, "Rock KMFR" 1169	1808 HI--	105.5	DR	Santiago, RDS PI F002, KE BUENA 'WVQ' DE Santiago, SS 1000
1152 KPWT	106.7	TX	Terrell Hills, RDS PI 39EB, HD, hip-hop 1129	1811 HI--	106.9	DR	Santo Domingo, RDS PI 9000, DESDE S 'WNMI,' SS 1000
1153 KHPT	106.9	TX	Conroe, RDS PI 2415 ADULT HITS 913	1813 HIFT	105.9	DR	Santiago, SS, "Fiesta 105.7" relay 1092
1153 KXTN	107.5	TX	San Antonio, SS, HD 1113	1826 HILS	93.7	DR	Santo Domingo, RDS 9000 = 'WXUE,' SS, Latidas 1000
1155 KFAN	107.9	TX	Johnson City, "The Fan" 1115	1839 HIGP	88.1	DR	Santo Domingo, F002, PRIMERA 'WVQ,' SS 1000
1158 KGSR	107.1	TX	Bastrop, RDS, k 1056	1842 HIFK	107.5	DR	La Romana, SS, "FM 107.5" 1222
1159 KXSD	105.9	TX	Round Rock, RDS PI 1E76, "Jammin 105.9" 1065	1844 HIEV	106.1	DR	Santo Domingo, SS, "Disco 106" 1193
1200 KKYS	104.7	TX	Bryan, "Mix" 976	1847 HILX	102.1	DR	Santo Domingo, SS, "La X" 1193
1205 KPEZ	102.3	TX	Austin, RDS PI 181D = 'KDBX' 1068	1847 HIBG	105.1	DR	LaVega, SS, "Canal 105" 1000
1220 KYOX	94.3	TX	Comanche, "94.3 The Ox" 1093	1853 IRIE-FM	107.7	JM	St. Ann, EE nx 1035
1249 KMOC	89.5	TX	Wichita Falls, RDS 1069	1907 HIKV	94.7	DR	Santiago, SS, "KV94" 1042
1303 KAJT	88.7	OK	Ada, JSM Network, rel 957	1956 RTC	101.9	TC	Cockburn Town, EE, reggae 974
1312 KZTH	88.5	OK	Piedmont, rel, "The House FM" 1020	1956 RTC	103.9	TC	Bambera, EE, reggae 934
1720 HICN	101.7	DO	Santo Domingo, SS, "Supra Santo Domingo" 1193	<u>8/11 Es</u>			
1721 HIKT	106.7	DR	San Francisco de Macoris, SS, "Laser 106.7" 1132	2000 WPIQ	92.7	MI	Manistique, "Great Lakes Radio, Power 92.7" 940
1732 HIPR	90.1	DR	Santiago, SS, local ad 1000				
1743 HIRF	90.9	DR	Santo Domingo, FF, RFI relay 1000				
1743 HISM	89.5	DR	San Juan, SS, "Radio Cadena Hispanoamerica" 1132				
1747 KIRD	95.3	DR	Santo Domingo, SS, educational 1193				
1755 HI--	99.1	DR	Santiago, "Champion 99.1," SS 1000				

All of the above are new loggings. FM Log Total = 1648. HD IDs = 116. Other statistics at <http://geocities.com/fmjnordquist/>

Glenn Hauser – P.O. Box 1684 – Enid, OK 73702 - wghauser@yahoo.com

6/29 Es

MEXICO. I can't get a decent signal on shortwave from XEQM 6105v, so I'll just pick up their FM station! Actually, as always with Sporadic E, one is at the mercy of when openings occur, all or nothing even tho analog.

At 1640 UT, the MUF was at least channel 5 TV, so I broke out the DX-398 portable and started checking FM. It helps to be able to manipulate the whip rapidly to avoid all the local QRM. Altho we have some Spanish around here, such as KAMG-LP 92.1 Enid, that language really stands out on other frequencies when bandscanning. Soon found some on 89.3 at 1644 UT, ID as Radio Energía, Mexican PSA, 1646 live DJ with time check, ad for Club de Golf de Yucatán. 1652 phone in sportstalk about soccer and an upcoming game somewhere in Europe. Got back to 89.3 slightly after 1700 so missed ID, if any, at hour top, still phoner sportstalk, gone by 1703 and I quit at 1708. This is doubtless XHMIA, licensed to Kanasin --- why is it necessary to rimshot? Near Mérida. Cantú linx to website <http://www.radio893.fm/>, which shows this is actually called Ultra 89.3, but also with radio energia slogan.

95.3, at 1654 UT June 29, Spanish DJ mentioning Candela in passing, and ``la mera mera Candela 95.3``; gone at 1658, 1701 in and out weakly in talk. So this is XHMH Mérida, which gets relayed on 6105v. Checked all the other listed Mérida frequencies but above MUF and/or blocked by adjacent/co-channel QRM. One more made it, tho:

92.9, 1656 UT June 29 slogan ``la pirinola [? Not sure of spelling, a name?] gira la radio``. 1658 news headlines about Tibet, sports, outroed as announced by Jesús Alejandro Torres, for Sistema Nacional de Noticiarios, Grupo IMER, ID but with fades so missing some words: ``XH-Yuc, FM, 92.9, transmite desde . . . Calle 90 . . . con 100 mil watts. . .``. XHYUC is also in Mérida, one of the local public radio outlets, website <http://www.yucatanfm.imer.com.mx/> I would like to have heard XERUY on 103.9.

Horacio Nigro in Uruguay later answered about pirinola --- it's Perinola --- De Wikipedia: Perinola (juego): pasatiempo recreativo que se juega con una pieza pequeña la cual tiene lados marcados con posibilidades. http://es.wikipedia.org/wiki/Perinola_%28juego%29

7/7 Es

Noticed big sporadic E opening on the TV monitor I run most of the day, with CCI on channel 5 semi-local KOCO, OKC, so as I was about to go out, tuned around on the car radio. Two stations identified in the band I prefer if I can get away from all the gospel huxters which have invaded it.

At 1606 UT on 89.3, ``Public Radio East``, news about wildfires in eastern North Carolina, then ``Blue Plate Special``, light classical music at noon. This is WTEB, New Bern NC, see <http://www.publicradioeast.org/BluePlate.html>. Sounds like a good show and would like to catch it on webcast,

not just DX, listen live link <http://wm01.egi.tvinteract.net/encpr1>. Strange URL, can't even tell what format, but plays on Winamp.

Whenever I get FM DX from NC, I hanker after Bermuda, which is just another hop away in the same direction, so I spend more time monitoring 89.1, but ZBM never showed; the KS and OK stations should be overridable by a decent double-hop Es signal.

At 1651 UT on 90.7, WFAE ID during break in Fresh Air. This is Charlotte NC. Another of the few relatively open frequencies here.

8/2 Es

One is tempted to see how high a sporadic E opening into the FM band goes, but this time I'm glad I checked out channel 6 audio on the low side. These days I'm more into quality than quantity of FM DX, so this will not be condensed into a one-line report.

At 1749 UT, after confirming area skip was coming from Los Angeles, with KPFK-FM RDS ID on 90.7 Mt Wilson, I found not one but two Spanish-speaking stations on 87.75, and both with (FM) stereo pilot cutting on periodically at fadeups. One was talk, one music, at the moment singing about ``Sangre de Jesús``. After checking other frequencies inside the FM band, I came back at 1756 to find one of them with an abogado ad, 1758 a 1-800 number for Nationwide Options Systems, real estate. Then in English, commercial for the 18th National Catholic Family Conference, sponsored by the Diocese of San Diego, register online at <http://www.nationalcatholicfamilyconference.org>. {which was currently underway at Anaheim, not San Diego}. 1759, ID fading in and out from one of them ``Cielo[?] 87.7 FM, la estación . . . Los Angeles``. Then legal ID in Spanish by woman, ``KSFV-LP, Canal 6, San Fernando Valley``, and slogan as ``Guadalupe Radio``, opening live(?) program with YL host ``Mundo Mujer`` mentioning that they are heard as far as San Bernardino, Riverside [but not Enid??], obviously Catholic program, ``Guadalupe Radio`` mentioned once or twice more. But there was still co-channel from the other station. Quit at 1804; time for lunch.

So KSFV is another of those low power TV stations functioning as a radio station in a major market where real FM channels are filled up. Here's the FCC info about it: <http://www.fcc.gov/fcc-bin/tvq?list=0&facid=49704>. Showing that they are licensed on channel 26, but only have a CP for channel 6 with 499 watts ERP video, so what's the audio ERP?? {One tenth of that as is typical for real TV stations? In this case you'd think they would want as much as possible.} --- nevertheless obviously on the air on 6. I first diligently tuned to 87.75 on the DX-398, but eventually decided the signal was closer to center if I really tuned to 87.70, which is NOT a legal frequency for channel 6 audio (nor is FM stereo as opposed to TV stereo, but other stations like this ignore the distinction, too, and get away with it). And it was farther from center if I stepped to 87.80.

Here's the brief wikipedia entry re: <http://en.wikipedia.org/wiki/KSFV-LP>.

But what was the second Spanish FM/TV station on 87.70? Surely not XETV-6, the real TV station in Tijuana/San Diego which I assume is not yet really in Spanish, or is it? Anyhow it would not be running FM stereo. I was surprised to find no listing for KSFV-LP channel 6, at <http://www.w9wi.com/tvdb/channels/6.htm> in the analog low-power and translator section or anywhere else. The separate FM database only goes down to 87.9. [Doug Smith later explained that he does have it on ch 6 page, third listing from top, but as KSFV-CA]. Licensee of KSFV is Venture Technologies Group, and they may well have some other channel 6 LPTVs in California masquerading as FM stations (or vice versa). Redding and Chico are way off in northern California, but a third one is in Banning, which is on I-10 east of Riverside, so this could be the one alluded to above, KRPE-LP with 999 watts video: <http://www.fcc.gov/fcc-bin/tvq?list=0&facid=129651>. However, the two Spanish radio stations I was hearing on 87.7 were definitely not in parallel. Perhaps those in SoCal more familiar with the situation can elucidate.

Per FCC, Venture also has applications for channel 6 LD (digital lowpower TV) in Los Angeles itself, and Glen Arbor CA, wherever that is, not appearing in the indices in AAA or Rand McNally atlases.

Other FM DX in this opening:

August 2 at 1734 UT tune-in, 97.5, ``Cruisin` 97.5`` slogan, then mentioned Santa Bárbara in English; must be KRUZ, but I find no mention of Cruising or Cruisin on their website <http://www.kruz.com/>.

97.5 had co-channel not only from semi-local KPAK Alva OK, which I nulled as best I could with the swervable whip, but from something in Spanish, which was dominating by 1739 with romantic music in stereo; 1742 promotion for something in Los Angeles, 1-800-833-1236 for something to do with credit; Ralph's [?] Alimentos Frescos with prices in centavos por libra, so not Mexico; 1745 about cupones at McGuire's, mentioned ola de calor (heatwave). Must be KLYY, La Cumbia Caliente, Riverside per 3-year-old FM Atlas XX. Yes, that ID soon confirmed by Greg Hardison in LA. 90.7 with big steady signal, discussion in English, stereo pilot on, no RDS decode until 1748 UT when it displayed KPFK-FM Los Angeles.

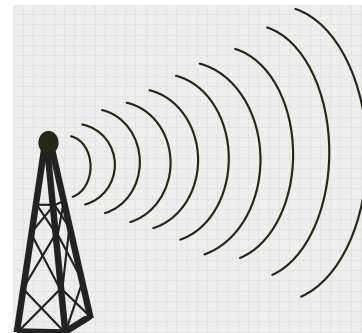
96.5 at 1755 UT, stereo, ad in Spanish for El Chaparral disco, mentioned Tecate, ads in pesos. But there are no Baja California 96.5 stations in Cantú's list nor in the Mexico FM Directory 2005, the closest being XHITA in Sonoita, Sonora. There is KYXY in San Diego, which I don't think is in Spanish, so this may be a new one in Tecate or further afield if I misheard Tecate. Any ideas?

Seeing that DX was still in on lowband TV, and lots of FM Es reports on the WTFDA list, I resumed monitoring five hours later at 2316 UT August 2, again with DX-398 on battery power using only the whip antenna, from the porch away from household digital hash, temp 101 but with partial shade, less than at noon. 87.75 was several (TV) stations deep, as were many FM frequencies, so the challenge was to find a few with a dominant DX station.

On 105.1, at 2316 UT, North Carolina's Spas, 1-888-SPASALE, ID as ``105.1, Z-105`` or so I thought, but this must be G-105, WDCG Raleigh-Durham, etc. as at <http://www.g105.com/main.html>.

(Southern FM DX continues on page 51)

Northern FM DX



Keith McGinnis
18 Newbridge St., Hingham, MA 02043
longwave@comcast.net 781-875-1944

For Dxers in the following states: CT IA ID IL IN MA ME MI MN MT ND NE NH NJ NY OH OR PA RI SD VT WA WI WY and all of Canada. Please submit by the 10th of each month. If possible please submit in the formats shown Below.

EDITORS NOTE: PLEASE NOTE THAT ANY TYPEWRITTEN OR HANDWRITTEN REPORTS MIGHT BE DELAYED TILL A LATER ISSUE AS TIME PERMITS. ALSO PLEASE KEEP REPORTS AS RECENT AS POSSIBLE (THE LAST 3 MONTHS SHOULD WORK FINE). THANK YOU.

Saul Chernos - 57 Berkeley St Toronto ON M5A 2W5 416-364-0725 schernos@sympatico.ca

TO – Toronto, BR – Burnt River

2007

Nov 19 MS (Burnt River) (Leonids)

0801 KIAQ 96.9 Clarion IA Iowa Lottery ad

Dec 12 MS (BR)

2030 WNBB 97.9 Bayboro NC Here at Classic Country

Dec 13 MS (BR)

0812 KMXW 92.3 Newton KS Ad: A-1 Truck Warehouse
 0940 WZPW 92.3 Peoria IL Peoria's home town...
 1915 KKHQ 92.3 Oelwein IA at Q-92.3 the hot mix at six. (Prev Au)
 2117 WDEF 92.3 Chattanooga TN This is it. Marshall Mize Ford must sell.

Dec 14 MS (BR)

0005 WIL 92.3 St. Louis MO WIL
 0208 KLRQ 96.1 Clinton MO K-Love presents... (prev Es)
 0242 KLRQ 96.1 Clinton MO Positive Encouraging K-Love
 0655 WKLS 96.1 Atlanta GA Project 9-6-1
 0705 KIPR 92.3 Pine Bluff AR Nx: PB man charged with killing her ...
 0707 WDEF 92.3 Chattanooga TN Sunn 92.3 Timesaver Traffic
 0710 KEZO 92.3 Omaha NE B92 calendar promo,
 0714 WLIT 93.9 Chicago IL Ad: Barrington Computer (prev Tr)
 0715 KIPR 92.3 Pine Bluff AR Happy Holidays 92 jams
 0840 WTBX 93.9 Hibbing MN 7:35 Prize Team, Whats yr fave R-Stn? WTBX
 0945 KBVB 95.1 Barnesville MN Bob 95
 0949 KAGE 95.3 Winona MN Local Southern MN ad for Unicef
 0950 KXRA 92.3 Alexandria MN Ad: Leaf Valley Mercantile
 2159 WLMX 104.9 Balsam Lake WI Downtown Milltown ad, Prince-type CHR
 2330 WZZK 104.7 Birmingham AL 104.7 Birmingham's WZZK

Dec 15 MS (BR)

0005 KJEL 103.7 Lebanon MO Ad mentions throughout Missouri (prev Es)
 0810 CFWF 104.9 Regina SA 104.9 The Wolf, with howls

Dec 16 MS (BR)

2330 KKOW 96.9 Pittsburg KS your home for 2day's hottest country K96.9

2008

Jan 12 Tr (Milton ON atop Niagara Escarpment)

1427 PIRATE 104.9 ... 80s music (Monks, Pat Benatar), no talk

<u>Jan 14 MS (BR)</u>					
0901	KBOE	104.9	Oskaloosa	IA	and in Mahaska county
1043	KCTY	104.9	Wayne	NE	State National Bank & Trust Co. (prev Es)
<u>Feb 8 Tr (BR)</u>					
1540	CKKK	90.5	Peterboro	ON	Kaos 90.5, gr
<u>Feb 9 MS (BR)</u>					
1016	KZBB	97.9	Poteau	OK	Best mix of 80s, 90s & today B98 (prev Es)
<u>Feb 10 MS (BR)</u>					
1030	KDLO	96.9	Watertown	SD	Feb is minivan month at Wtwm Ford Chrysler
<u>Feb 11 MS (BR)</u>					
0859	unID	92.3			38 in Peter's Rapids
<u>Feb 13 MS (BR)</u>					
0830	WVTF	89.1	Roanoke	VA	Calls
<u>Mar 15 MS (BR)</u>					
0918	WIL	92.3	St. Louis	MO	This is StL's country station...92.3 WIL
1230	WKTG	93.9	Madisonville	KY	The Big Blue Radio Network
<u>Mar 18 Tr (TO – northeast corner near Steeles & Warden)</u>					
1600	CIWS	102.7	Whitch-Stfvl	ON	Whistle Radio, Mono, full legal ID (50w)
<u>Apr 21 MS (BR) Lyrids</u>					
2300	WMMA	93.9	Nekoosa	WI	WMMA ID in possible string of call letters
<u>Apr 22 Tr (BR)</u>					
2059	WLJT	92.9	Pittsburgh	PA	Q92.9, a new sound for P'g, a few fade-ups
<u>May 3 Tr (TO – Scarborough Bluffs) (with Chris Kadlec)</u>					
1113	CKJJ1	100.9	Cobourg	ON	Christian music, Belleville refs (50 wts)
<u>May 12 MS (BR)</u>					
1950	KTTS	94.7	Springfield	MO	TTS
<u>May 13 MS (BR)</u>					
1310	WLWI	92.3	Montgomery	AL	The I92 hot country café trivia q (prv Es)
<u>May 15 Tr (BR)</u>					
2235	CBON2	99.7	Haileybury	ON	CBC French mono, talk (Ptbo due soon)
<u>May 16 MS (BR)</u>					
0615	KSAR	92.3	Thayer	MO	City of Salem, AR state rep Curran Everett
0835	WTBX	93.9	Hibbing	MN	Monteban ad in Grand Rapids (26+ seconds)
0920	KAXE	91.7	Grand Rapids	MN	KAXE studios...morn show blog on kaxe.org
<u>May 17 MS (BR)</u>					
0825	CBAF5	92.3	Halifax	NS	French song
<u>May 19 MS (BR)</u>					
2110	WPWX	92.3	Hammond	IN	Hottest mx, the hot boyz Top 10 @ 8 oclock
<u>May 28 MS (BR)</u>					
1330	WHWC	88.3	Menomonie	WI	Wisconsin Public Radio (prev Au)
<u>May 28 Es (BR)</u>					

1528	WRBH	88.3	New Orleans	LA	Talking book
1531	WMFT	88.9	Tuscaloosa	AL	Moody Radio South @ moody.edu
1532	WGCM	102.3	Gulfport	MS	RDS: COAST 1023; rm
1533	WFFN	95.3	Coaling	AL	Crims Tide Spts Nwk ment, 95-3 The Bear, k
1544	WALN	89.3	Parrish	AL	AFR, calls, later legal ID, Northport PSA
1549	WWFF	93.3	New Market	AL	The new 93.3 the Wolf, Huntsville ad
1552	WUJM	96.7	Gulfport	MS	Summer's here...Hank FM, k
1554	WVNN	92.5	Trinity	AL	Huntsville-Decatur & Madison ads, wvnn.com
1555	WZBQ	94.1	Carrollton	AL	RDS: 94.1 WZBQ.COM KANYE WEST...
1556	WKOR	94.9	Columbus	MS	RDS: TODAY's COUNTRY FAVORITE K 94.9
1557	WYYW	95.1	Marion	MS	Meridian ad (Johnson Dodge)
1558	WWL	105.3	Kenner	LA	RDS: WWL-FM; talk
1600	WUCL	102.1	Meridian	MS	QTH in partial ID
1601	WMSO	101.3	Meridian	MS	RDS: MISS 101; k
1602	WHTU	97.9	Newton	MS	Blazin hiphop R&B, Steve ... promo
1603	WKXM	97.7	Winfield	AL	Winfield, Hamilton & Huckleberry ads
1607	WJBB	92.7	Haleyville	AL	Haleyville, Double Spgs, Weston ads; k
1608	WKUL	92.1	Cullman	AL	Rush Limbaugh
1609	WEUZ	92.1	Minor Hill	TN	More fave mx #1 for HH & R&B 103.1 Wee-Up
1610	WXFL	96.1	Florence	AL	Florence-Decatur-Athens etc in legal ID

May 29 Es (BR)

1625	ZBM	89.1	Hamilton	BM	Brit accent, New Mirrors Program of B, ads
1801	WSMR	89.1	Sarasota	FL	Life 89-1 WSMR Sarasota, gr
1802	WWKA	92.3	Orlando	FL	RDS: K92 and music info; k
1804	WQCS	88.9	Fort Pierce	FL	RDS: WQCS; NPR news ends, WQCS News Break
1806	WLRN	91.3	Miami	FL	RDS: WLRN; calls, Marketplace, traffic
1807	WRMB	89.3	Boynton Beach	FL	RDS: WRMB.ORG / MOODY RADIO (& more); g
1809	WAVW	92.7	Stuart	FL	RDS: WAVE 927; k
1811	WJKD	99.7	Vero Beach	FL	Palm Bay ad
1813	WRMF	97.9	Palm Beach	FL	RDS: WRMF-FM; calls
1815	WRTO	98.3	Goulds	FL	RDS: LA LKALLE; Spanish talk and music
1816	WEAT	104.3	W Palm Beach	FL	Sunny, r
1817	WRMA	106.7	Ft Lauderdale	FL	Spanish ads, Broward mentioned
1818	WIRK	107.9	W Palm Beach	FL	107.9 WIRK; k
1819	WSYR	94.7	Gifford	FL	Fort Pierce ad
1821	WHLG	101.3	Port St Lucie	FL	Port Lt. Lucie and Stuart ads
1822	WMBX	102.3	Jensen Beach	FL	The New X 102-3
1824	WQOL	103.7	Vero Beach	FL	Port St. Lucie traffic
1825	WPOW	96.5	Miami	FL	Café Iguana promo (Hollywood); urban
1826	WKLG	102.1	Rock Harbor	FL	Spanish, Miami QTH
1828	WBVD	95.1	Melbourne	FL	Central Florida ad
1829	WCZR	101.7	Vero Beach	FL	Real radio, phone-in
1830	WREH	90.5	Cypress Qutrs	FL	Reach FM, Okeechobee
1832	WZZR	94.3	Riviera Beach	FL	RDS: WZZR; Cheetah Party Bus,
1834	WJPT	106.3	Fort Myers	FL	Calls, John Tesh
1838	WLRQ	99.3	Cocoa	FL	RDS: LITEROCK
1840	WMXJ	102.7	Pompano Beach	FL	Magic 102.7, traffic
1842	WBTT	105.5	Naples Park	FL	Naples ad
1844	WAYJ	88.7	Fort Myers	FL	Listener supported Way FM
1845	WGYL	93.7	Vero Beach	FL	93-7 The Breeze no repeats, John Tesh
1846	WLDI	95.5	Fort Pierce	FL	RDS: WILD
1847	WKGR	98.7	Fort Pierce	FL	RDS: GATER; traffic
1848	WHYI	100.7	Ft Lauderdale	FL	Coral Springs & Pembroke Pines ads, Y-100
1849	WNUE	98.1	Titusville	FL	Spanish
1851	WKIS	99.9	Boca Raton	FL	99-9 Kiss-FM, South Florida ad
1852	WEZJ	96.1	Jacksonville	FL	Jacksonville ad
1853	WRXK	96.1	Bonita Sprngs	FL	Fort Myers ad, K-Rock
1906	WEAG	106.3	Starke	FL	Always live...Eagle Country 106.3
1910	WLYX	96.7	Valdosta	GA	Calls, urban, Georgia QTH
1911	WTRS	102.3	Dunnellton	FL	Back Porch party; k; later Ocala traffic
1912	WWLG	96.7	Pchtree City	GA	96-7 The Legend, k
1913	WMLA	96.7	Opelika	AL	Mix 96.7
1914	WRBQ	104.7	Tampa	FL	RDS: Q105 (etc); T-Bay's greatest hits
1915	WUSF	89.7	Tampa	FL	RDS: WUSF YOUR NPR STATION WUSF.ORG
1917	WPAP	92.5	Panama City	FL	Parker QTH
1919	WBTP	95.7	Clearwater	FL	95-7 The Beat, rnb/hiphop
1920	WSKY	97.3	Micanopy	FL	Michael Savage
1922	WMXQ	102.9	Jacksonville	FL	Jacksonville ad
1924	WHTF	104.9	Havana	FL	RDS: TODAY'S HIT MUSIC HOT 1049
1926	WSTI	105.3	Quitman	GA	The peoples stn Star 105.3, class soul/rnb
1928	WXXL	106.7	Tavares	FL	Orlando QTH
1929	WZBH	101.7	Trenton	FL	Legal ID with at least 3 stns, CNN R News
1930	WFRF	105.7	Monticello	FL	Turning Point (gt)
1931	WHJX	105.7	Baldwin	FL	Spanish, Jacksonville ad
1933	WFLF	94.5	Parker	FL	RDS: 945WFLA; Fox News R 94-5 WFLA; lgl ID
1935	WBZE	98.9	Tallahassee	FL	RDS: STAR 98

1937	WJIZ	96.3	Albany	GA	The big dawg, full ID, urban, weather
1938	WMGB	95.1	Montezuma	GA	Twisted Thursdays at the Dirty Iguana
1839	WLAZ	89.1	Kissimmee	FL	Spanish ID, la estacion de la familia
1940	WYYX	97.7	Bonifay	FL	97X Panama City's rock stn, 3 Doors Down
1941	<u>WBBK</u>	93.1	Blakely	GA	Magic 93.1, Dothan concert ad, WTVY 4 wx
1945	<u>WJTF</u>	89.9	Panama City	FL	24h worship stn listener supported Fam L R
1947	WEKS	92.5	Zebulon	GA	92-5 the Bear, NASCAR promo, 404 AC
1949	WBLX	92.9	Mobile	AL	RDS: 93 BLX; urban
1950	WV FJ	93.3	Manchester	GA	Your family stn J-93.3, John Tesh
1959	<u>WXHT</u>	102.7	Madison	FL	Hot 102-7, area ads
2002	<u>WYUM</u>	101.7	Mount Vernon	GA	Sweet Onion Country WYUM, jingle, k
2004	WZNS	96.5	Ft Walton Bch	FL	Z96
2005	<u>WTOT</u>	101.7	Graceville	FL	WTOT-FM
2008	WXBM	102.7	Milton	FL	102.7 WXBM M-Pensa, home of Marty & Linda
2010	<u>WQVE</u>	101.7	Albany	GA	Albany's rnb leader V-101.7
2011	WHBX	96.1	Tallahassee	FL	96.1 Jamz T's quiet storm, soft rnb
2014	WWLD	102.3	Cairo	GA	201-1023, hiphop/rnb
2016	<u>WRBV</u>	101.7	Warner-Rbbins	GA	Macon ad
2018	<u>WAKT</u>	103.5	Callaway	FL	Cat Country 103.5, k
2020	WIZB	94.3	Abbeville	AL	Mike Smith auto repair ad, His Radio
2023	KMYO	96.7	Morgan City	LA	Oldies 96.7, myoldies967.com
2029	KUHF	88.7	Houston	TX	RDS: KUFH-FM; c
2030	KSBJ	89.3	Humble	TX	89-3 KSBJ, gm
2041	KKBQ	92.9	Pasadena	TX	93Q, Q-Country

May 30 Es (BR)

2105	KILI	90.1	Porcupine	SD	Native singing (Bill H had SD on TV)
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Jun 2 Es (BR)

0950	WMBU	89.1	Forest	MS	Moody Radio South @ moody.edu, Pha MS PSA
1225	KFLO	89.1	Blanchard	LA	Shreveport & Bossier City sponsors, g

Jun 3 Tr (BR)

0522	<u>CKPT</u>	99.7	Peterborough	ON	Ex-99.3, Energy, contemporary hits
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Jun 3 MS (BR)

0550	<u>WKCN</u>	99.3	Lumpkin	GA	Chattahooch, Muskogee, Talbot, Claytn Ctys
0730	<u>CFAN</u>	99.3	Miramichi	NB	99-3 The River
1331	<u>WKEB</u>	99.3	Medford	WI	our web site, Christenson Sales

Jun 3 Es (BR)

1112	WCMQ	92.3	Hialeah	FL	SS ad for FL
1115	WXTB	97.9	Clearwater	FL	RDS: 98 ROCK; 98 Rocks; GnR Child of Mine
1117	WARO	94.5	Naples	FL	Royal Palm Bank ad
1119	WWKA	92.3	Orlando	FL	K92FM, k
1122	WSOR	90.9	Naples	FL	RDS: WSOR RADIO; gt
1124	WLRQ	99.3	Cocoa	FL	Light Rock 99-3; Lexus of Melbourne ad
1127	WRXK	96.1	Bonita Sprgs	FL	Morgan & Morgan ad, Ft Myers QTH
1129	<u>WKTO</u>	88.9	Edgewater	FL	Andrew Wommack Ministries
1130	WSRX	89.5	Naples	FL	89.5 Praise FM; gm
1138	WWRZ	98.3	Fort Meade	FL	Lakeland Toyota ad
1150	WINK	96.9	Fort Myers	FL	96.9 Wink FM, Fort Myers ad

Jun 4 Es (BR)

1100	WTGF	90.5	Milton	FL	Milton QTH
1114	WRJM	93.7	Geneva	AL	Rush Limbaugh
1114	WBLX	92.9	Mobile	AL	RDS: THE BIG STATION 93 BLX; urban
1116	WLBF	89.1	Montgomery	AL	Faith Radio, promo for Meeting House pgm
1209	WFFY	92.1	Destin	FL	Fly 92-1 the Party Station, urban
1211	WIZB	94.3	Abbeville	AL	Radio 94.3, gm
1212	WKCN	98.3	Lumpkin	GA	RDS: KISSIN
1215	WKZJ	92.7	Eufaula	AL	Drivethru lunch mix, K92.7, 706-571-0927 ?
1217	WVVE	100.1	Panama City	FL	BRDS: WAVE 100; wave100.com
1219	WZEW	92.1	Fairhope	AL	RDS: 92 ZEW; The Sound of Mobile
1228	WDLT	98.3	Chickasaw	GA	RDS: 70'S 80'S AND TODAY 98.3 WDLT
1230	WLWI	92.3	Montgomery	AL	RDS: WLWI; wlwi.com, l-92, k
1232	WBUV	104.9	Moss Point	MS	Rush Limbaugh, Newsradio 104.9, coast ment
1234	WMXA	96.7	Opelika	AL	Montgomery, Troy, Selma ads 334-875-4359??
1235	WAFN	92.7	Arab	AL	RDS: FUN 92.7 RADIO FUN 92.7 OLDIES
1236	WFFN	95.3	Coaling	AL	95-3 The Bear, k
1237	WXAB	96.9	McLain	MS	601 AC, Wiggins ad
1238	<u>WJOX</u>	100.5	Helena	AL	RDS: JOX 100.5; Birmingham traffic

1240	<u>WRTT</u>	95.1	Huntsville	AL	Local ad
1241	WTVT	98.1	Fayette	AL	RDS: WTVT-FM; k (repeated at 2134)
1242	<u>WBHK</u>	98.7	Warrior	AL	RDS: 98.7 KISS
1244	WSLY	104.9	York	AL	Calls, QTH, Fox News Radio
1245	WUJM	96.7	Gulfport	MS	Hank FM, Nascar promo, k
1246	WWL	105.3	Kenner	LA	RDS: WWL-FM; promo for Bill 106
1247	<u>WXHB</u>	96.5	Richton	MS	South Solid Gospel
1248	WYLD	98.5	New Orleans	LA	Local ad
1249	WMSO	101.3	Meridian	MS	RDS: MISS 101
1250	WBEI	101.7	Reform	AL	RDS: B 101.7
1251	WGCM	102.3	Gulfport	MS	RDS: COAST 102
1252	<u>WBOZ</u>	104.9	Woodbury	TN	Murfreesboro & central TN references
1253	WZKX	107.9	Bay St. Louis	MS	Kicker 108; Harrison County, South MS
1254	WZZK	104.7	Birmingham	AL	RDS: WZZK 104.7
1256	WKOR	94.9	Columbus	MS	RDS: TODAY'S COUNTRY...K84.9; calls
1314	WOKK	97.1	Meridian	MS	RDS: 97 OKK
1315	WLZA	96.1	Eupora	MS	Calls
1316	WAFR	88.3	Tupelo	MS	Tupelo PSA; AFR
1317	KFNV	107.1	Ferriday	LA	RDS: KFNV
1318	WFCA	107.9	Ackerman	MS	RDS: VOICE OF FRENCH; gt
1319	WBPT	106.9	Homewood	AL	Moe's Southwest Grill, Birmingham QTH
1320	<u>WQLT</u>	107.3	Florence	AL	Q-107, chiropractic ad, classic rock
1323	<u>WVRY</u>	105.1	Waverly	TN	Solid Gospel 105.1, Stewart Cty & Erin QTH
1326	WWKZ	103.9	Okolona	MS	MS weather, KZ-103 (ex-Columbus)
1327	WJXM	105.7	De Kalb	MS	RDS: 105.7 THE BEAT; urban, Meridian QTH
1328	WAKH	105.7	McComb	MS	K-106
1329	WHHM	107.7	Henderson	TN	RDS: STAR; pop
1330	WQJQ	105.1	Kosciusko	MS	601 AC, Rankin County, area ads
1331	KXRR	106.1	Monroe	LA	Rock 106, call-in contest with Millerlite
1338	<u>WOWL</u>	91.9	Burnsville	MS	Lcl ads & across state line in TN
1339	WRXW	93.9	Pearl	MS	Jackson QTH, Rock 93-9
1343	WKZO	104.9	Iuka	MS	Local & area ads, Kudzu Country
1346	<u>KLIP</u>	105.3	Monroe	LA	LA 105.3
1350	<u>KMGC</u>	104.5	Camden	AR	Arkansas QTH, urban
1351	<u>KCLT</u>	104.9	West Helena	AR	Party blues and oldies on KCLT
1352	KDXY	104.9	Lake City	AR	Ad: Focus Bank, 104.9 The Fox
1353	KHPA	104.9	Hope	AR	Super Country 105
1354	<u>KFLI</u>	104.7	Des Arc	AR	Des Arc QTH, Ad: Car City on Race Street
1355	<u>WRBO</u>	103.5	Comlo	MS	RDS: WRBO1035; Michael Jackson
1356	KIXB	103.3	El Dorado	AR	RDS: KIX 103; area news at TOH
1357	KHTE	96.5	England	AR	Calls
1400	<u>KZLE</u>	93.1	Batesville	AR	Classic Rock, legal ID, Batesville ad
1403	<u>KHKN</u>	106.7	Benton	AR	RDS: 1067TOMFM.COM, Police song
1404	KQUS	97.5	Hot Springs	AR	RDS: US97; k
1405	KURB	98.5	Little Rock	AR	RDS: B98.5 BEST MIX 870-215-2203
1407	<u>KOKR</u>	96.7	Newport	AR	RiverCountry967.com, Sudbury Bdg (owner)
1408	KARN	102.9	Sheridan	AR	Rush Limbaugh, mono
1409	KUAR	89.1	Little Rock	AR	RDS: KUAR NPR
1416	<u>KUCA</u>	91.3	Conway	AR	Central AR weather, UCA, The Bear 91-3
1420	<u>KYLS</u>	95.9	Ironton	MO	Farmington QTH, k
1421	KUAF	91.3	Fayetteville	AR	Promo gives 479-575-7259
1422	KOSU	91.7	Stillwater	OK	RDS: KOSU
1423	KRXO	107.7	Oklahoma City	OK	RDS: KRXO ROCK 107.7
1424	KIXQ	102.5	Joplin	MO	Kix 102.5, weather
1425	KTST	101.9	Oklahoma City	OK	Twister
1426	<u>KTFX</u>	101.7	Warner	OK	Okie 101.7, Gore Nursing Center in Gore
1427	KXXY	96.1	Oklahoma City	OK	Local ad
1428	<u>KHZR</u>	97.7	Potosi	MO	RDS: JOY FM; gr
1429	KNID	99.7	Enid	OK	RDS: KNID-FM; Great Amer Country 99.7 KNID
1430	<u>KYNF</u>	94.9	Prairie Grove	AR	Northwest Arkansas Mall, Y-94.9
1431	KZBB	97.9	Poteau	OK	RDS: KZBB979; 80s rock
1433	KMCK	105.7	Siloam Sprgs	AR	The Insider's Club...Power 105.7.com
1434	<u>KQLL</u>	106.1	Owasso	OK	New Cool 106.1; Wreck of Edmond Fitzgerald
1436	<u>KCJC</u>	102.3	Dardanelle	AR	Russellville ad
1439	KRIG	104.9	Nowata	OK	Promo for show on KYFM 100.1
1440	KANR	92.7	Belle Plain	KS	Spanish, Mexican music
1441	KSYN	92.5	Joplin	MO	Ad for County Road 118 east of Carthage
1442	KWLS	107.9	Winfield	KS	US 107-9, k, Stooges in Andover promo
1443	KZRQ	106.7	Mount Vernon	MO	RDS: ZROCKS.COM; calls, Beatles
1444	KJSR	103.3	ulsa	OK	RDS: STAR 103 Heartless
1445	KWFX	100.1	Woodward	OK	RDS: COUNTRY KWFX SPIRIT
1446	KFXJ	104.5	Augusta	KS	Wichita ad
1447	KMYZ	104.5	Pryor	OK	The Edge, Tulsa QTH
1448	KFBZ	105.3	Haysville	KS	105-3 The Buzz.com, Nickelback
1450	KMAJ	107.7	Topeka	KS	Manhattan ads
1451	KFFX	104.9	Emporia	KS	Mix 104.9 jingle, Today's best hits
1452	KHMY	93.1	Pratt	KS	316 AC, Eagle weather center
1453	KHUT	102.9	Hutchinson	KS	Hutchinson, Partridge ads

1454	KJRL	105.7	Herington	KS	kjil.com; Radio for you KJIL jingle
1456	KXKU	106.1	Lyons	KS	Ad: Old Mill Thtr in Buhler, Kix country
1459	KDVV	100.3	Topeka	KS	V-100, CJLF nulled on Prison Radio!
1500	KCVW	94.3	Kingman	KS	KS PSAs, Valley Health Assoc
1502	KCTY	104.9	Wayne	NE	KTCH wx, Wayne, Greatest Hits v All Time
1504	KKJQ	97.3	Garden City	KS	Q97, GC ads; on PR & Tropicana Orange!
1505	KDNS	94.1	Downs	KS	Downs QTH, on Tropicana Orange radio!
1509	KCQQ	106.5	Davenport	IA	RDS: CLASSIC ROCK PEARL JAM Q106.5
1510	KJLS	103.3	Hays	KS	Today's best music Mix 103, r
1511	KSRZ	104.5	Omaha	NE	Star 104.5, Men at Work
1512	KRNY	102.3	Kearney	NE	RDS: Y-102; The Tri-cities cntry ldr Y-102
1513	KMA	99.3	Clarinda	IA	best stn for 80s 90s & now...kmland.com
1518	KRVN	93.1	Lexington	NE	Shelton ad, Kozad flooding
1521	KROA	95.7	Grand Island	NE	mybridgeradio.org, Christian
1522	KICX	96.1	McCook	NE	Calls
1525	KFGE	98.1	Milford	NE	Salt Dogs b'ball promo; Froggy 98; NE QTH
1526	KWQW	98.3	Boone	IA	RDS: FM TALK; prev MS
1527	KZKX	96.9	Seward	NE	80 in the cap'l city w/Blake Shelton 96Kix
1528	KRGI	96.5	Grand Island	NE	Tornado-watch promo, Cntry 96, central NE
1529	KGLI	95.5	Sioux City	IA	KG-95
1530	KJLT	94.9	North Platte	NE	Calls, gt
1533	KBBN	95.3	Broken Bow	NE	RDS: KBBN; central NE classic rock...KBBN
1534	KBRX	102.9	O'Neill	NE	RDS: KBRX
1535	KXNP	103.5	North Platte	NE	Ad: First National Bank of North Platte
1537	KVHT	106.3	Vermillion	SD	Yankton & Vermillion ads, First Dakota ad
1537	KIWA	105.3	Sheldon	IA	Sheldon ad
1540	KLMJ	104.9	Hampton	IA	Calls in station promo
1541	KNEN	94.7	Norfolk	NE	RDS: KNEN94.7; 94rock.fm
1542	WSOG	88.1	Spring Valley	IL	RDS: CATHOLIC; EWTN Radio ID
1543	KSEZ	97.9	Sioux City	IA	Your concert authority Z98, z98rocks.com
1546	KBRB	92.7	Ainsworth	NE	KBRB Weather; Ainsworth ad
1550	KISD	98.7	Pipestone	MN	Pipestone & Luverne ads
1551	KQSK	97.5	Chadron	NE	Double Q Country; Chadron & Alliance QTH
1553	KWYR	93.7	Winner	SD	Gregory & Chamberlain ads, Magic 93
1555	KPLO	94.5	Reliance	SD	KPLO Forecast
1556	KQRQ	92.3	Rapid City	SD	Rapid City ad
1557	KLXS	95.3	Pierre	SD	Fox News R, 95-3 Bob-FM, 95 Days of Summer
1558	KKMK	93.9	Rapid City	SD	KKMK RC...on the web at Magic93.9fm.com
1600	KSJZ	93.3	Jamestown	ND	Kiss 93.3 Radio Jamestown
2040	KILI	90.1	Porcupine	SD	SD weather, later Vietnam Vets pow-pow PSA
2108	KNEB	94.1	Scottsbluff	NE	RDS: KNEB
2112	KGFX	92.7	Pierre	SD	River 92-7, Riddle's Jewels ???
2117	KCNB	94.7	Chadron	NE	RDS: B-94.7; Chardon's hit music station
2118	KZSD	102.5	Martin	SD	Jazz
2136	WVNN	92.5	Trinity	AL	Newstalk 770 mention

Jun 6 Tr (TO – Airport)

1205	PIRATE	90.7	Toronto	ON	Island-Caribbean music, \$, poor modulation
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Jun 16 Es (BR)

0950	KUAR	89.1	Little Rock	AR	RDS: KUAR NPR
0952	KBMQ	88.7	Monroe	LA	Monroe, West Monroe reference
0953	WMAE	89.5	Booneville	MS	RDS: MPB 89.5; talk re MS
0956	WMAU	88.9	Bude	MS	RDS: MPB; //89.5, 90.3, 90.9
0958	WMAO	90.9	Greenwood	MS	RDS: 90.9 MPB (//others)
1004	KAYT	88.1	Jena	LA	Prayer Power ends, KAYT J-Alex'a, black-g
1005	WMAW	88.1	Meridian	MS	RDS: MPB
1008	WKVZ	94.9	Byhalia	MS	K-Love //94.7
1009	KKLV	94.7	Turrell	AR	K-Love //94.9
1012	KMRX	96.1	El Dorado	AR	RDS: MIX 86 ***CHECK RDS SITE
1016	WGCO	98.3	Midway	GA	98.3 the new Big 98; Pablo Cruise
1020	WDFX	98.3	Cleveland	MS	AFR
1022	WYPL	89.3	Memphis	TN	RDS: WYPL; Heat stroke in Shelby County
1023	KFLO	89.1	Blanchard	LA	Eastwood Baptist Church in Haghton
1033	KIVY	92.7	Crockett	TX	Area weather, later Swap Shop 936-544-5489
1035	WDVW	92.3	Laplace	LA	RDS: MIX92.3, new pop
1040	WJDR	98.3	Prentiss	MS	Ad: Taylor's Pharmacy in Columbia
1042	KSML	101.9	Huntington	TX	Spanish
1043	KAMD	97.1	Camden	AR	97-1 K97 jingle
1045	WMPR	90.1	Jackson	MS	Black gospel, calls
1048	KXKS	93.7	Shreveport	LA	Carrie Underwood k, Kiss Country 93-7
1051	KHLR	94.9	Maumelle	AR	Little Rock even announcement, black-g
1147	KZPS	92.5	Dallas	TX	RDS: LONESTAR / DOORS
1149	KDBN	93.3	Haltom City	TX	The classic rock station 93-3 the bone
1151	KLNO	94.1	Fort Worth	TX	Spanish
1154	KTFW	92.5	Glen Rose	TX	Country Legends 92-1 FM

1156	KSOC	94.5	Gainesville	TX	K-Soul, your RnB station
1200	KNTU	88.1	McKinney	TX	88.1 The One, jazz, legal ID, traffic, wx
1202	KGZ	88.1	Abilene	TX	We're good news, great music, KGZ
1312	<u>KAMY</u>	90.1	Lubbock	TX	Family Life Radio
1318	WWNO	89.9	New Orleans	LA	RDS: WWNO-FM
1322	KRVS	88.7	Lafayette	LA	RDS: KRVS.ORG; bluegrass
1327	WUSJ	96.3	Jackson	MS	RDS: US96.3
1329	WMPN	91.3	Jackson	MS	RDS: MPB
1334	WJNS	92.1	Yazoo City	MS	Sonlife Radio, pledge drive, g-mx
1345	WPCS	89.5	Pensacola	FL	This the Rejoice Bdcast Ntwk Pensacola FL
1348	WJOX	100.5	Helena	AL	RDS: JOX 100.5, sports talk
1350	WDLT	98.3	Chickasaw	AL	Yr community stn the people's choice WDLT
1352	<u>WMAB</u>	89.9	State College	MS	Talk about downtown Jackson, state capitol
1354	WQSI	93.9	Union Springs	AL	Lynn/Lynch Chevrolet, Opelika Rd, Auburn
1356	WLRH	89.3	Huntsville	AL	Today's pgm on WLRH is made possible by...
1412	KDOK	92.1	Tyler	TX	The greatest hits of all time
1417	WBLX	92.9	Mobile	AL	93-BLX
1425	WZEW	92.1	Fairhope	AL	92-Zoo, The Sound of Mobile
1426	WMJY	93.7	Biloxi	MS	Biloxi QTH
1432	WJZD	94.5	Long Beach	MS	RDS: JZ 94.5; RnB

Jun 23 Tr (TO – Bluffs) CN Tower's CHIN and CJRT off

0126	<u>CKLC</u>	98.8	Kingston	ON	The Drive, new rock (ex-1380)
0133	C...	101.9		French
0140	WRUW	91.1 C	leveland	OH	Pressing On pgm (pr), 216 AC (CJRT sweep)
0141	WMMS	100.7	Cleveland	OH	North Coast, the all new rock 100.7, rp
0142	WSQG	91.1	Ithaca	NY	This is WSKG, c
0148	WHUG	101.9	Jamestown	NY	My Country 101-9, Nascar promo

Jun 23 Es (BR)

1623	WSMR	89.1	Sarasota	FL	Life 89.1, g-mx, Women of Faith in Tampa
1755	WMBU	89.1	Forest	MS	moodyradio.org
1802	WLVE	93.9	Miami Beach	FL	93.9 FM Love 94
1804	WQCS	88.9	Fort Pierce	FL	RDS: WQCS; NPR news, c
1820	WSRX	89.5	Naples	FL	Praise FM
1825	WLAZ	89.1	Kissimmee	FL	Spanish g, Orlando-K, La Voz de la Familia
1835	WEOW	92.7	Key West	FL	Wow 92-7
1837	WLRQ	99.3	Cocoa	FL	RDS: LITEROCK
1839	WHKR	102.7	Rockledge	FL	Ad: Harmony Golf Preserve in central FL
1840	WSOR	90.9	Naples	FL	RDS: WSOR; gt, later traffic
1841	WGUF	98.9	Marco	FL	Michael Savage
1845	WINK	96.9	Fort Myers	FL	Today's best variety, the new 96-9 Wink-FM
1847	WCNO	89.9	Palm City	FL	WCNO Radio
1849	WMJY	93.7	Biloxi	MS	Magic
1851	WLDI	95.5	Fort Pierce	FL	RDS: WILD
1853	WMBX	102.3	Jensen Beach	FL	RDS: X 102.3 WMBX-FM
1854	WAVW	92.7	Stuart	FL	RDS: WAVE 927
1855	WOSN	97.1	Ind R Shores	FL	97.1 Ocean FM
1856	WPOZ	88.3	Union Park	FL	Central Brevard County t-storm warning
1859	WKTO	88.9	Edgewater	FL	Called 877-541-9586 given over air, gt
1902	WYFE	88.9	Tarpon Sprngs	FL	Tarpon Springs QTH
1904	WKES	91.1	Lakeland	FL	RDS: WKES, preacher
1906	W...	90.3		Spanish-English gt, Echoes of Reformation
1911	WOLR	91.3	Lake City	FL	WOLR, Christian Hit Radio the Edge
1913	WRXK	96.1	Bonita Sprngs	FL	96-K-Rock, AC/DC
1927	WRMB	89.3	Boynton Beach	FL	Calls
2104	WAAC	92.9	Valdosta	GA	Legal ID, The new 92.9 Country
2138	WDJR	96.9	Enterprise	AL	The Big Dog Country 96-9, Lia
2140	WXTB	97.9	Clearwater	FL	98 Rock

Jun 24 Es (BR)

1551	KERA	90.1	Dallas	TX	Day to Day (NPR), legal ID, TX EAS test
1647	<u>KYFP</u>	89.1	Palestine	TX	Tchg the fund'ls of faith, this the B.B.N.
1729	KUHF	88.7	Houston	TX	U of Houston, legal ID
1730	KPFT	90.1	Houston	TX	Club 6400, 6400 Richmond & Unity, Houston

Jun 25 Es (BR)

1400	KLMP	88.3	Rapid City	SD	Legal ID cites RC-Spearfish-Gillette, wx
1607	<u>KTPL</u>	88.3	Pueblo	CO	Power 88 P-Canon City, pr (Michael Gangor)
1618	<u>KOLT</u>	92.9	Warren AFB	WY	La Pantera, SS, ballads
1620	KXBG	97.9	Cheyenne	WY	Ad for event in downtown Loveland

Jun 26 Es (BR)

1015	KAYT	88.1	Jena	LA	Walk in Victory, black gospel
1010	KSBJ	89.3	Humble	TX	Calls
1029	KQLK	97.9	DeRidder	LA	Lake Charles ad, The new Hot 97-9, RnB
1030	KAVK	89.3	Many	LA	frc.org, American Family Radio
2019	KCBI	90.9	Dallas	TX	RDS: KCBI-FM; Adventures in Odyssey
2020	KZPS	92.5	Dallas	TX	RDS: LONESTAR; k
2021	KLTY	94.9	Arlington	TX	Calls
2022	KNON	89.3	Dallas	TX	PSA re Hole in the Wall in Dallas
2026	KSCS	96.3	Fort Worth	TX	big963.com
2027	KVTT	91.7	Dallas	TX	Through the Bible ends, 91-7 The Truth
2028	KLNO	94.1	Fort Worth	TX	Spanish
2037	KOYN	93.9	Paris	TX	Bonham ad, k
2042	KBFB	97.9	Dallas	TX	RDS: THE BEAT / 97.9
2045	KHGG	103.1	Waldron	AR	Fox Sports Radio
2047	KETR	88.9	Commerce	TX	ketr.org

Jun 27 Tr (BR - East Nicholson Hill)

0702	<u>CKLC</u>	98.9	Kingston	ON	98-9 The Drive, pr, Kingston QTH (ex-1380)
0708	<u>CKXC</u>	93.5	Kingston	ON	93-5 Today's Hottest Country, wx (new)
0720	<u>W230BG</u>	93.9	Cape Vincent	NY	NPR (relays North Country Public Radio)
0731	WVIN	98.3	Bath	NY	Cooler stn during red hot summer V-98.3

Jun 27 Es (BR)

0944	WKTK	98.5	Crystal River	FL	98-5 KTK, #1 for best var'y, most mx at wk
0954	WXTB	97.9	Clearwater	FL	RDS: 98ROCK
1000	WUFT	89.1	Gainesville	FL	Event checks to Gainesville, c
1004	WXVS	90.1	Valdosta	GA	RDS: VALDOSTA GPB RADIO NETWORK (WWET...)
1013	WLBF	89.1	Montgomery	AL	RDS: FAITH RADIO INSIGHT; preacher
1007	WPAS	89.1	Pascagoula	MS	The Passage dot com, g music and talk
1010	WDVW	92.3	Laplace	LA	RDS: MIX 92.3
1015	WFFN	95.3	Coaling	AL	95-3 The Bear playing new country first
1016	WBAM	98.9	Montgomery	AL	RDS: ...BY BROOKS AND DUNN ON 98.9 WBAM-FM
1020	WMXA	96.7	Opelika	AL	Selma, Calhoun, Union Springs ads
1023	WMAW	88.1	Meridian	MS	RDS: MPB
1024	WKXK	96.7	Pine Hill	AL	The Big station, mention 107.1, 95.9, 96.7
1025	WYSF	94.5	Birmingham	AL	Fox 6 Storm wx, new 94-5 FM, B's hit music
1028	WBKL	92.7	Clinton	LA	Positive Encouraging K-Love
1029	WFSQ	91.5	Tallahassee	FL	RDS: WFSQ; c
1030	WMAB	89.9	State College	MS	RDS: MPB 89.9
1031	WWNO	89.9	New Orleans	LA	RDS: WRNO-FM; c
1032	WMAU	88.9	Bude	MS	RDS: MPB 88.9
1033	WRXW	93.9	Pearl	MS	Rock 93-9 WRXW Pearl-Jackson
1037	WSYE	93.3	Houston	MS	RDS: SUNNY 93
1041	KBYO	92.7	Farmerville	LA	Dennis Miller Show
1042	<u>WTDR</u>	92.7	Talladega	AL	AL's #1 Country WTDR Thunder 92-7
1043	WUSJ	96.3	Jackson	MS	RDS: US96.3; k
1045	WKIM	98.9	Munford	TN	RDS: KIM FM 98.9
1046	WMPN	91.3	Jackson	MS	RDS: MPB 91.3
1047	WMJJ	96.5	Birmingham	AL	Q96, I'm in Love with the girl, Magic 96.5
1050	WMFC	99.3	Monroeville	AL	Good Time Oldies WMFC-FM
1052	WJTG	91.3	Fort Valley	GA	Family Kife R., my fmr.org; RDS: FAM LIFE
1053	WMAE	89.5	Booneville	MS	RDS: MPB 89.5
1055	<u>WBVV</u>	99.3	Guntown	MS	99.3 WBVV, k
1057	KDYN	96.7	Ozark	AL	96.7 KDYN
1058	<u>KLBC</u>	106.3	Durant	OK	Calls, Durant, best country to dance to
1059	<u>KTYS</u>	96.7	Flower Mound	TX	TX Twister endorsed Big96-3 KSCS (KSCS ID)
1100	WRWA	88.7	Dothan	AL	Troy University Public Radio
1102	WAKH	105.7	McComb	MS	RDS: SW MS'S BEST COUNTRY K-106, 601 AC
1103	KKDA	104.5	Dallas	TX	K-104 (urban)
1104	KZMP	104.9	Pilot Point	TX	East Indian music, mixed lang, legal ID
1105	WKZJ	92.7	Eufaula	AL	K-92.7, Columbus' RnB...WKZJ Eufaula
1108	WDJR	96.9	Enterprise	AL	RDS: CONTRY969; k; The Big Dog, Ctry 96-9
1109	KPCH	99.3	Ruston	LA	The Peach 99.3, Ruston-Bastrop ads, oldies
1110	88.5		RDS: 88.5 YOUR NUMBER; jazz
1111	WRBJ	97.7	Brandon	MS	Calls, RnB
1112	KNBB	97.7	Dubach	LA	Twin Oaks Nursery in Ruston
1114	WFLA	100.7	Midway	FL	RDS: BECK; Glenn Beck talk
1115	WBUV	104.9	Moss Point	MS	Glenn Beck talk
1116	WOSM	103.1	Ocean Springs	MS	WOSM, Southern Gospel Giant, g-t
1117	WMPR	90.1	Jackson	MS	RDS: THE C'MUNITY
1118	WJTF	89.9	Panama City	FL	Family Life Radio
1120	KTHS	107.1	Berryville	AR	Calls, stjohnsberryville.com (clinic) ad
1121	WKGC	90.7	Panama City	FL	RDS: WKGC-FM
1122	KXKS	93.7	Shreveport	LA	Kiss Country 93-7
1125	<u>WPZE</u>	97.5	Fayetteville	GA	Praise 9-7-5.com
1130	WKCN	99.3	Lumpkin	GA	Kissin' 99.3, Macon Road

1133	WTKE	98.1	Holt	FL	Fort Walton Beach ad
1135	WWMS	97.5	Oxford	MS	RDS: MISS 98 COUNTRY
1136	KMXD	97.3	Waskom	TX	Mix 97-3; Bossier City ad
1138	KMRX	96.1	El Dorado	AR	RDS: MIX 96; Eldorado & South AR
1140	KIPR	92.3	Pine Bluff	AR	RDS: POWER 92; urban
1141	KUAR	89.1	Little Rock	AR	RDS: KUAR NPR
1147	WBLX	92.9	Mobile	AL	RDS: 93 BLX; urban
1148	<u>KTKL</u>	88.5	Stigler	OK	Positive Encouraging K-Love
1149	<u>KHTE</u>	96.5	England	AR	#1 for HH & RnB, Hot 96-5
1150	KZBB	97.9	Poteau	OK	RDS: KZBB
1152	<u>KZKZ</u>	106.3	Greenwood	AR	Ad checks to Van Buren
1155	KKIX	103.9	Fayetteville	AR	Kix 104, k
1156	KRNB	105.7	Decatur	TX	105 dot 7 KRNB, RnB
1159	<u>KDXX</u>	107.1	Benbrook	TX	North Richland Hills ad, mostly SS
1201	WPLA	107.3	Jacksonville	FL	Planet Radio
1203	KCBI	90.9	Dallas	TX	RDS: KCBI-FM; Dallas news
1204	KYAL	97.1	Muskogee	OK	97.1 & 1550 The Sports Animal
1206	KQUS	97.5	Hot Springs	AR	RDS: US97 (& songs); k
1208	KPWW	95.9	Hooks	TX	Power 95
1209	KTTG	96.3	Mena	AR	Sports talk
1212	KLUR	99.9	Wichita Falls	TX	KLUR; k
1215	<u>KMMY</u>	96.5	Soper	OK	The real rock station...My Rock 96.5
1216	<u>KVLD</u>	99.3	Atkins	AR	Mexican music
1217	KHOZ	102.9	Harrison	AR	Hudson's Supermarket in Harrison
1218	KOCD	103.7	Okemah	OK	Dave Coz concert promo, OK's Smooth jazz
1219	KBZS	106.3	Wichita Falls	TX	106-3 The Buzz, rp, the 30-minute buzz
1222	KTFX	101.7	Warner	OK	Dunn Country Motors .com (Eufaula)
1224	<u>KYNZ</u>	107.1	Lone Grove	OK	S'rn OK com'y calendar, GTO-107, oldies
1225	WINL	98.5	Linden	AL	Win 98.5
1226	KMCO	101.3	Wilburton	OK	K-101, k
1229	KWFS	102.3	Wichita Falls	TX	Lonestar 102.3, FreedomFest @Sheppard AFB
1232	KSLE	104.7	Wewoka	OK	Calls
1239	KKNG	93.3	Newcastle	OK	405-948-??? in ad checks to OKC
1241	KFXI	92.1	Marlow	OK	Foxy 92, Duncan & Stevens County QTH
1242	KHBZ	94.7	Oklahoma City	OK	94-7 The Buzz
1244	KRAV	96.5	Tulsa	OK	Mix 96, best mix of 80s 90s & today
1245	KOKF	90.9	Edmond	OK	Air One
1247	K...	91.1		MO	West Plains Civic Center event
1250	KJMK	93.9	Webb City	MO	RDS: LITEROCK LITE ROCK 93.9; Joplin ad
1254	KTHR	107.3	Wichita	KS	The Road, Wichita ads, Rocklahoma promo
1256	<u>KMGZ</u>	95.3	Lawton	OK	Aubrey Chevrolet (Lawton)
1258	KHTT	106.9	Muskogee	OK	K-Hits
1259	KAJT	88.7	Ada	OK	Sonlife in legal ID, then ment other stns
1300	KYCU	89.1	Clinton	OK	Clinton QTH
1301	KNYD	90.5	Broken Arrow	OK	List of stations checks to Oasis network
1303	KICM	97.7	Healdton	OK	Lake Country Speedway south of Ardmore
1304	KVOO	98.5	Tulsa	OK	Calls, k
1305	KYIS	98.9	Oklahoma City	OK	RDS: LUCKY D KISS FM ON 98.9
1306	KJYO	102.7	Oklahoma City	OK	KJ 103
1308	<u>KGOU</u>	106.3	Norman	OK	NPR
1309	KCMQ	96.7	Columbia	MO	The Rocker 96.7 KCMQ
1310	KRXO	107.7	Oklahoma City	OK	Calls
1321	<u>KOMB</u>	103.9	Fort Scott	KS	Jake's Fireworks in Fort Scott
1322	KQOB	96.9	Enid	OK	RDS: BOB FM; Ford Center event, I-240
1323	KXOU	94.3	Elk City	OK	Elk City Raceway
1324	KJCK	97.5	Junction City	KS	Pratt ad
1325	KECO	96.5	Elk City	OK	Farm report, Hollis & western OK
1328	KBBE	96.7	McPherson	KS	Lindsborg and other area references
1329	<u>KIXO</u>	106.1	Sulphur	OK	KIXO, Kix 106, Power Valley's real r stn
1330	KQLL	106.1	Owasso	OK	Cool 106.1 Claasic Top 40, Calls, Owasso
1331	KWDQ	102.3	Woodward	OK	Ment Spirit Country 100.1, Rocklahoma ad
1332	KNID	99.7	Enid	OK	RDS: KNID-FM; k
1333	KWLS	107.9	Winfield	KS	Ad mentions Winfield, Derby, Wichita
1334	KFBZ	105.3	Haysville	KS	105-3 The Buzz.com, Wichita & KS ads
1335	KWFX	100.1	Woodward	OK	Spirit Country
1336	KMUW	89.1	Wichita	KS	RDS: KMUW
1337	KMXN	92.9	Osage City	KS	X-92-9, rp
1338	KFKF	94.1	Kansas City	KS	Calls, k
1340	KSAL	104.9	Salina	KS	Lcl ads, Classic Hits 104-9, Morris Comn's
1342	KCMO	94.9	Kansas City	MO	94-9 KCMO
1345	KXDJ	98.3	Spearman	TX	Calls, mention Perryton
1347	<u>KYFW</u>	88.3	Wichita	KS	Word of Life Today (Christian program)
1348	KMXW	92.3	Newton	KS	Mount Hope ad
1350	KSKU	94.7	Sterling	KS	Bank of Hutch, H's hit radio stn 94-7 KSKU
1352	KFXJ	104.5	Augusta	KS	Wichita ad
1353	KXKU	106.1	Lyons	KS	Hutchinson ad, Kix 106
1355	<u>KXBZ</u>	104.7	Manhattan	KS	Manhattan ad
1356	KWIC	99.3	Topeka	KS	Topeka ads

1357	KLDG	102.7	Liberal	KS	The Legend, five-state weather forecast
1358	KBMP	90.5	Enterprise	KS	Bott Radio Network
1359	<u>KKCV</u>	102.5	Rozel	KS	Bott Radio Network and list of programs
1401	<u>KDJM</u>	101.7	Lindsborg	KS	Legal ID, Country Classics 101-7
1402	KATR	98.3	Otis	CO	Northeast CO ads, weather
1403	KERP	96.3	Ingalls	KS	96-3 The Marshall
1409	<u>KAIG</u>	89.9	Dodge City	KS	Air One
1413	<u>KSKZ</u>	98.1	Garden City	KS	Garden City ads
1415	KJIL	99.1	Copeland	KS	Calls, concert promo
1437	KQMA	92.5	Phillipsburg	KS	Calls, downtown Phillipsburg
1441	KSKL	94.5	Scott City	KS	Cool 94 weather, Garden City QTH
1828	CBWS	92.7	Brandon	MB	CBC R1, talk re Point Douglas, Pembina...
1829	CIFR	96.9	Fairford	MB	NCI-FM Weather, Countryfest promo
1831	CBQQ	90.5	Fort Frances	ON	Thunderbay @cbc.ca (or CBEA Red Lk 80w)
1832	<u>CBWA</u>	101.3	Manigotagan	MB	CBC R1, mono, //92.7 (150 watts)
1833	<u>CJFN</u>	102.7	Peguis-Gimli	MB	Peguis R 102.7, Abor child ID (48 watts)
1835	<u>CBWZ</u>	104.3	Fairford	MB	CBC R1, Winnipeg events in news, //92.7
1837	<u>CFGW1</u>	95.3	Swan River	MB	Fox FM Yorkton
2013	<u>CJLR4</u>	90.3	Regina	SA	La Ronge & Meadow Lake QTH, 306-425-????
2017	<u>CKSB1</u>	88.9	Regina	SA	Chaine Culturelle //90.9 Sudbury ON, blues
2018	CHMX	92.1	Regina	SA	RDS: REGINA'S LITE 92 FM; pop, later Tesh
2019	<u>CHBD</u>	92.7	Regina	SA	Big Dog, k
2021	<u>CKCK</u>	94.5	Regina	SA	Jack FM, Conexus Arts Centre promo, Regina
2023	CBKF	97.7	Regina	SA	CBC French
2026	<u>CBK2</u>	101.5	Warmley	SA	CBC R2, Tonic prgm ment, Canadian refs
2028	CBWV	97.9	Brandon	MB	CBC R1, As It Happens
2029	CIZL	98.9	Regina	SA	RDS: REGINA'S; pr
2031	CILG	100.7	Moose Jaw	SA	RDS: COUNTRY 100, discovermoosejaw.ca, wx
2035	CKX	96.1	Brandon	MB	Brandon ad, Westland's best rock KX-96
2038	CBKR	102.5	Regina	SA	CBC R1
2039	CILT	96.7	Steinbach	MB	RDS: MIX 96; Steinbachonline.com
2041	<u>CISE1</u>	95.3	Caron	SA	Automated Env Can SA weather (30-watt TIS)
2044	<u>CJAW</u>	103.9	Moose Jaw	SA	RDS: MIX; rp, Moose Jaw's Mix 103
2046	<u>CFWF</u>	104.9	Regina	SA	The Wolf lives here, Regina's rock station
2047	CBK	96.9	Regina	SA	CBC R2, Tonic prgm ment, Canadian refs
2050	<u>CIWM</u>	91.5	Brandon	MB	NCI-FM, k
2053	CBW	98.3	Winnipeg	MB	RDS: CBW; CBC Radio 2, folk-rock
2054	<u>CFGW2</u>	102.9	Wapella	SA	Fox FM, Yorkton Exhibition promo
2056	CKLF	94.7	Brandon	MB	94.7 Star FM today's best music
2058	CHSN	102.3	Estevan	SA	102-minute music marathon, Sun 102.3 FM
2059	<u>CJNE</u>	95.1	Nipawin	SA	SK's jamming radio 94.7 Storm FM, ne SK wx
2100	<u>CJPG</u>	96.5	Portage La Pr	MB	Mix 96.5 FM, PLP Island Park, pop
2101	CKMM	103.1	Winnipeg	MB	Hot 103, local ad
2102	<u>CFWM</u>	99.9	Winnipeg	MB	RDS: BEAU AND TOM MORNINGS...; 99 Bob FM
2103	<u>CJGV</u>	99.1	Winnipeg	MB	RDS: PAIN BY COUNT BASIC; Groove FM
2104	<u>KCAJ</u>	102.1	Roseau	MN	RDS: KCAJ-FM, weather, Roseau QTH
2017	CKSB8	99.5	Brandon	MB	Premiere Chaine, French CBC mono
2019	CJKR	97.5	Winnipeg	MB	Power 97
2120	CHIQ	94.3	Winnipeg	MB	RDS: Q94FM, local ad, Rihanna pop
2122	<u>CBW1</u>	89.3	Winnipeg	MB	CBC English //97.9
2123	KMXA	99.9	Minot	ND	Minot ads
2124	KBTO	101.9	Bottineau	ND	Sunny 101.9, k, Minot ad, ND State Fair ad
2117	KDVL	102.5	Devils Lake	ND	RDS: KDVL
2118	<u>KWGO</u>	102.9	Burlington	ND	Blondie, calls
2119	<u>CBWW</u>	105.3	Baldy Mtn	MB	CBC R1 //97.9
2120	CJEL	93.5	Winkler	MB	Eagle weather centre, Winkler & Winnipeg
2121	KYYX	97.1	Minot	ND	97-Kix-FM yr stn fr cont's ctry faves, Lia
2122	KEYA	88.5	Belcourt	ND	Bonanza Bingo, Keya Public R, Aboriginal
2123	KUND	89.3	Grand Forks	ND	RDS: KUND
2126	KKWQ	92.5	Warroad	MN	Today's new hit country KQ92, Roseau ad
2127	<u>CFRY1</u>	93.1	Portage La Pr	MB	Focus on Family, Insight for Living, ID
2130	KPFX	107.9	Fargo	ND	The Fox, classic rock, 701 AC (ND)
2136	KTHC	95.1	Sidney	MT	Today's best hits Power 95
2139	KHRT	106.9	Minot	ND	K-Heart 106.9 FM
2141	<u>K300AS</u>	107.9	Thief R Falls	MN	Q-107, Christian, Stn changes ancd (115w)
2143	<u>CKRC</u>	103.5	Weyburn	SA	Magic 103, discover Weyburn.com, wx, ads
2145	KNTN	102.7	Thief R Falls	MN	NPR, mono, TOH Legal ID
2147	CBK3	91.7	Yorkton	SA	CBC R2 //101.5
2148	KTYZ	106.7	Walhalla	ND	Cavalier QTH
2152	<u>CFWD</u>	96.3	Saskatoon	SA	Saskatoon's new music, the new Wired 96-3
2154	<u>CFEQ</u>	107.1	Winnipeg	MB	CFEQ 107.1 FM Winnipeg Freak 107
2156	<u>CKXA</u>	101.1	Brandon	MB	2008 Riverbank Duck Race at Discovery Ctr
2159	<u>CJDJ</u>	102.1	Saskatoon	SA	RDS: ROCK 102; Saskatoon Exhibition promo
2201	CB..	92.9		CBC ???
2203	KAOC	105.1	Cavalier	ND	C-FM Cavalier, k, Swanson Motors ad
2205	<u>CFMC</u>	95.1	Saskatoon	SA	C-95 Battle of the Beats, c95.com
2208	CJKM	98.3	Saskatoon	SA	Magic 98-3 keeps you movin', pop
2219	KSPQ	93.9	West Plains	MO	Q94 Jack-FM, wx, Nites w/Alice Cooper prom

2220	KYNU	95.5	Jamestown	ND	RDS: KYNU-FM
2223	WTBX	93.9	Hibbing	MN	Hibbing Community College 262-7200
2225	KRBB	97.9	Wichita	KS	Wichita ad (Care to dance 1019 W. Douglas)
2017	CKSB2	88.7	Saskatoon	SA	Chaine Culturelle //88.7
2238	KXGT	98.3	Carrington	ND	RDS: KXGT-FM, Time After Time (Lauper)
2242	CFGW	94.1	Yorkton	SA	Yorkton & SA news, talk re Canada Day
2245	CJVR1	100.3	Dafoe	SA	RDS: CJVR-FM; k
2250	CFQC	92.9	Saskatoon	SA	RDS: THE BULL; 938-BULL
2322	KYYZ	96.1	Williston	ND	You've got country thunder Z-96

Jun 28 Es (BR)

1020	KHNE	89.1	Hastings	NE	NPR, nebraska.org, wind advisory e'ern NE
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Mike Bugaj – 69 Sherman Road – Enfield, CT 06082
 APS-13, Bolin Phase box, various tuners. New are underlined.

4/22 GW

2359	<u>W235AV</u>	94.9	Worcester	MA	WTAG calls //580
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5/13 GW

	WCSB-				
1900	LP	94.9	Ledyard	CT	religious
1945	Unid	94.5			K-love station. Ideas?

5/15 Tr

1800	<u>W246AM</u>	96.9	Northampton	MA	translator for WLZR 99.3
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5/19 Es

1840	Unid	92.1	Son Life Radio Network		
1852 Tr	WQKX	94.1	Sunbury	PA	wqkx.com

5/25 Es

1201	WMGE	94.9	Miami	FL	Spanish
1204	WWRM	94.9	Tampa	FL	949online.com Soft & Contemporary
1208	WIRP	88.3	Pennsuco	FL	Spanish
1215	WRTO	98.3	Goulds	FL	Spanish, HD
1221	WJGL	96.9	Jacksonville	FL	HD, the Eagle
1227	WARO	94.5	Naples	FL	Classic Rock 94.5
1228	WMFQ	92.9	Ocala	FL	Big 92.9
1230	WKGR	98.7	Boca Raton	FL	HD, calls showing WKGR-FM
1237	WAVK	97.7	Marathon	FL	97-7 wave FM
1320	WFMR	89.1	Sarasota	FL	Life 89.1

5/29 Es

1612	<u>WSMW</u>	98.7	Greensboro	NC	HD Lock
1800	WZEW	92.1	Fairhope	AL	RDS, 92-ZEW
1800	WBLX	92.9	Mobile	AL	HD, WBLX-FM
1803	WMEZ	94.1	Pensacola	FL	soft rock 94
1803	WKSJ	94.9	Mobile	AL	RDS 95KSJ
1809	<u>WUWF</u>	88.1	Pensacola	FL	Lock on their HD1 & HD2
1825	WPAP	92.5	Pensacola	FL	calls
1826	<u>WLZN</u>	92.3	Macon	GA	Blazin' 92-3
1829	WTVY	95.5	Dothan	AL	calls
1834	WOOF	99.7	Dothan	AL	woof-fm
1835	WKRG	99.9	Mobile	AL	RDS AF76
1838	WJLQ	100.7	Pensacola	FL	RDS 6D9A
1846	WAAZ	104.7	Crestview	FL	RDS PS=WAAZ-FM
1850	WCSN	105.7	Orange Beach	AL	sunny105.com, Sunny 105.7
1854	WYCL	107.3	Pascagoula	MS	
1859	<u>WMPN</u>	91.3	Jackson	MS	HD WMPN-FM
1906	WTUG	92.9	Northport	AL	calls
1925	WCFT	5	Tuscaloosa	AL	DTV decode
1943	WJKK	98.7	Vicksburg	MS	mix98.7
1952	KRMD	101.1	Shreveport	LA	Ranchland in Shreveport
1957	<u>WMSI</u>	102.9	Jackson	MS	Miss103, country
2001	<u>KEZP</u>	104.3	Bunkie	LA	The Tiger 104.3
2005	WFCA	107.9	Ackerman	MS	RDS Voice of French Academy
2018	<u>WONA</u>	95.1	Winona	MS	calls

5/31 Tr 2330	W245BA	96.9	Manorville	NY	xltr of 98.5 La Fiesta
6/2 Es 2102	WSJT	94.1	Lakeland	FL	
6/4 Es 1850	WTNR	94.5	Holland	MI	Grand Rapids Harley-Davidson
2240 Tr	WFXF	95.1	Honeye Falls	NY	calls, Wayne Cty Ford Dealers
2300	WIII	99.9	Cortland	NY	I-100, WIII-HD
6/5 Es 1955	WPAS	89.1	Pascagoula	MS	AFR for the Gulf South
6/7 Tr 1015	WRQX	107.3	Washington	DC	mix 107.3
1035	WGMS	103.5	Washington	DC	Pres Weekly Address and calls
1042	WITH	99.5	Washington	DC	rap
1045	WMZQ	98.7	Washington	DC	country
6/8 Es 2004	KQDY	94.5	Bismark	ND	KQ95, poking fun at their tall tower
6/11 Es 1736	WUFT	89.1	Gainesville	FL	Classic 89, HD
1802	WLDI	95.5	Ft. Pierce	FL	WILD-FM, HD
1814	WDJR	96.9	Enterprise	AL	RDS=CNTRY969, Big Dog Country
1815	WINK	96.9	Ft. Myers	FL	RDS PS=WINK-FM
1818	WAFC	99.5	Clewiston	FL	WAFC, country 99.5
1908	WRQQ	97.1	Gallettsville	TN	97-1 RQQ
1910	WSNA	94.1	Germantown	TN	HD, rhythm 94.1
6/13 Tr 1847	WCMS	94.5	Hatteras	NC	RDS, Water Country Sizzlin Summer 08
1940	WERX	102.5	Columbia	NC	the Shark
1958	WRSF	105.7	Columbia	NC	Dixie 105.7, country
2003	Cuba	2			Telerebelde slide w/cartoons, then news
2038	WYND	97.1	Hatteras	NC	97-1 WYND
6/15 Es 1000	WUFT	89.1	Gainesville	FL	
6/19 Es 2125	KCMO	94.9	Kansas City	MO	calls
2126	KFKF	94.1	Kansas City	KS	calls
6/23 Es 1408	CMBC	94.1	Havana	CU	band, jazz mx, pgm matches website
1413	Unid	94.9	Havana mentioned, man speaking		
1429	WINK	96.9	Ft. Myers	FL	
1817	WDJR	96.9	Enterprise	AL	RDS 97FB, CNTRY969
1820	WTYS	94.1	Mariana	FL	more of that gt Southern Gospel Mx
1829	WYYX	97.7	Bonifly	FL	97x Panama City's Rock Station
1835	WDBT	105.3	Headlands	AL	country legends 105.3
1838	WESP	102.5	Dothan	AL	1-0-2-5 WESP
1840	WYOO	101.1	Springfield	FL	RDS 9582
1841	WKSM	99.5	Ft.Walton Beach	FL	99Rock
1845	WFSW	89.1	Panama City	FL	RDS 63C6, wfsu.org
1848	WNCV	93.3	Shalimar	FL	coast 93.3
1856	WFDR	94.5	Woodbury	GA	Mtn. Country 94.5
1903	WYCL	107.3	Pensacola	FL	RDS 9447, oldies
1904	WAVH	106.5	Dephne	AL	106.5 the Pirate
1905	WBZY	105.3	Bowdon	GA	RDS 59EE, Mexican
1911	WGSY	100.1	Phenix City	AL	RDS 666C
1913	WDLT	98.3	Chickasaw	AL	RDS 5DC5, soul mx
1940	WJZD	94.5	Long Beach	MS	RDS 6EF9 KZ94.5
2203	WEZB	97.1	New Orleans	LA	RDS 61C3 *B97*
2213	WPRF	94.1	Reserve	LA	Praise-FM
6/24 Es					

1518	WFDR	94.5	Woodbury	GA	Mountain 94.5
1616	WZBQ	94.1	Carrolton	AL	RDS 96D6, 941ZBQ
6/27 Es					
949	WMFS	92.9	Bartlett	TN	RDS 74EC River Radio
950	KKPT	94.1	Little Rock	AR	RDS 1234 KKPT94.1
954	KCBI	90.9	Dallas	TX	calls and Dallas Traffic
955	KUAR	89.1	Little Rock	AR	RDS 44E1 KUAR_NPR
1007	KPRO	94.5	Gainsville	TX	K-soul
1014	WKBQ	93.5	Covington	TN	RDS 6F3A US51, country
1023	KBEZ	92.9	Tulsa	OK	RDS 1325
1027	KVOO	98.5	Tulsa	OK	RDS 48EE
1029	KFCM	98.3	Cherokee Village	AR	the River 98.3, KSAR promos
1046	KYNF	94.9	Prairie Grove	AR	Northwest AR Mall
1048	WRIK	98.3	Metropolis	IL	RDS 8266 www.wrik.fm
1056	KIYS	101.9	Jonesboro	AR	
1100	KFEB	107.5	Campbell	MO	the Pulse 107.9 r&b
1113	KOSN	107.5	Ketchum	OK	RDS 36E0,NPR CI Mx on KOSU
1131	KKIX	103.9	Fayetteville	AR	RDS 2B4F KIX104
1133	WTAO	105.1	Murphysboro	IL	Jimmy Johns, Cape Girardeau/Carbondale
1133	KYQQ	106.5	Arkansas City	KS	Spanish, Wichita mentioned
1138	KKCM	102.3	Sand Springs	OK	RDS 2AA8
1139	WCIL	101.5	Carbondale	IL	101.5 CIL-FM
1145	KTJJ	98.5	Farmington	MO	J98 the boot. J98.com
1148	WMIX	94.1	Mt. Vernon	IL	RDS 753F, country
1150	KSPQ	93.9	West Plains	MO	Q94
1200	KDHX	88.1	St. Louis	MO	RDS 18B9, kdhx.org
1208	KMYZ	104.5	Pryor	OK	RDS 3239 Z104.5
1829	CJOZ	92.1	Bonavista	NF	OZ
1530	KRSW	89.3	Worthington	MN	HD Lock
1534	KNSW	91.7	Worthington	MN	HD Lock
1540	KXLP	94.1	Eagle Lake	MN	Mankato's Classic Rock
1906	CKEC	94.1	New Glasgow	NS	East Coast FM
1907	CKPE	94.9	Sydney	NS	RDS CD9F, the Cape
1910	CHER	98.3	Sydney	NS	RDS C440 MAX98.3

6/29 Es					
1003	WSOS	94.1	St.Augustine	FL	RDS WSOS-FM Sunny94.1
1009	WHGN	91.9	Crystal River	FL	RDS 67CD Religious
1010	WJBC	91.7	Fernandina Beach	FL	RDC 6C88 91.7 the Gospel
1013	WVFS	89.7	Tallahassee	FL	RDS 8CB0, blues
1015	WPBH	93.5	Port St. Joe	FL	RDS 7C65 Rock 93, Charlie Daniels
1016	WFLF	94.5	Parker	FL	RDS 62FA or WFLA Fox News Radio
1017	WGCO	98.3	Midway	GA	RDS 64C2 BIG98.3
1018	WKTK	98.5	Crystal River	FL	RDS 7108 98.5KTK jingle
1025	WYNR	102.5	Waycross	GA	Southern GA Monument spot
1023	WNKT	107.5	Eastover	SC	RDS 7813 The Game Foxsports Radio
1025	WMCD	107.3	Claxton	GA	Metter Ford in Metter
1028	WSTI	105.3	Quitman	GA	RDS 8626 STAR105.3
1032	WKAA	99.5	Willahoochie	GA	RDS 6F10 995KIX Country
1034	WBZE	98.9	Tallahassee	FL	RDS 59DA STAR98.9 FM www.mystar98
1045	WLWI	92.3	Montgomery	AL	RDS 73F8 I-92
1355	KFML	94.1	Little Falls	MN	fallsradio.com
1400	KBLB	93.3	Nisswa	MN	RDS 2706 B-93.3
1404	KKZY	95.5	Bemidji	MN	Bemidji mentioned
1405	KMFY	96.9	Grand Rapids	MN	calls
1407	KDKK	97.5	Park Rapids	MN	calls, piano music, MOYL style

7/7 Es					
839	WZEW	92.1	Fairhope	AL	calls
830	WSJT	94.1	Lakeland	FL	RDS
832	WLLD	98.7	Holmes Beach	FL	RDS WILD
833	WQYK	99.5	St. Petersburg	FL	RDS, 99.5 WQYK
846	WUSF	89.7	Tampa	FL	RDS 8B51
846	WPAE	89.7	Centerville	MS	RDS 7C48 The Word of God
857	WEZB	97.1	New Orleans	LA	Z97
858	WKTK	98.5	Crystal River	FL	RDS 7108 98.5TKK
859	WGCO	98.3	Midway	GA	RDS 64C2
907	WOKK	97.1	Meridian	MS	RDS 7AAE 97OKK
913	WMUV	100.7	Jacksonville	FL	RDS 9088 Movin 100.7

915	WAVV	101.1	Marco	FL	RDS 56DF
917	WSTI	105.3	Quitman	GA	RDS 8626 STAR105.3
925	WSOR	90.9	Naples	FL	RDS 7D73 WSOR
927	WTNY	102.5	Waycross	GA	102.5 WYNR
939	WJGL	96.9	Jacksonville	FL	RDS 6D13\
942	WPCV	97.5	Winter Haven	FL	97 Country WPCV
942	WFSQ	91.5	Tallahassee	FL	RDS 63C0 wfsu.org
943	WSUN	97.1	Holiday	FL	97X, Tampa Bays new rock alternative
1008	KRRV	100.3	Alexandria	LA	calls, weather
1012	WYOY	101.7	Gluckstadt	MS	RDS 958C Y101
1017	WJKK	98.7	Jacksonville	MS	RDS 6D7A MIX98.7
1030	KLAA	103.5	Tioga	LA	LA 103.5, country
1035	KTJM	98.5	Port Arthur	TX	RDS 4322 LA ROSA, Spanish
1051	<u>KVNE</u>	89.5	Tyler	TX	KVNE birthday greetings, calls
1730	CBNX	92.1	St. Vincents	NF	"As It Happens", mono
1730	CBNQ	95.3	St. Johns	NF	"As It Happens", mono
1840	CJOZ	92.1	Bonavista	NF	OZ radio
7/8 Es					
1206	WDGL	98.1	Baton Rouge	LA	Eagle 98.1
1211	WYNK	101.5	Baton Rouge	LA	RDS 1D96 WYNK
1216	WPAE	89.7	Centerville	MS	RDS 7C48, WPAE89.7
7/9 Es					
1000	<u>WCNO</u>	89.9	Palm City	FL	calls
1000	WRMB	89.3	Boynton Beach	FL	calls
1001	WQCS	88.9	Ft. Pierce	FL	HD, PS=WQCS-FM
1002	WIRB	88.3	Pennsuco	FL	RDS "La Nueva"
1022	WNUF	98.1	Titusville	FL	MEGA98.1
1024	WHYI	100.7	Ft. Lauderdale	FL	HD, calls
1025	WWGR	101.9	Ft. Myers	FL	RDS Gator Country
1026	WMBX	102.3	Jensen Beach	FL	HD x102.3.com the Buzz
1026	<u>WPBZ</u>	103.1	Indiantown	FL	HD WPBZ-FM The Buzz
1032	Unid	89.9		FL	Rel, gospel, preaching, area code 954... pirate?
1039	WOSN	97.1	Indian River Shrs	FL	The Ocean, easy listening
1039	WZJZ	100.1	Pt. Charlotte	FL	smooth jazz 100.1
1041	WLYF	101.5	Miami	FL	HD, WLYF-FM
1042	WMIB	103.5	Ft. Lauderdale	FL	HD, WMIB
1043	WHQT	105.1	Coral Gables	FL	HD
1044	WOLL	105.5	Hobe Sound	FL	RDS KOOL-FM
1052	WWRZ	98.3	Ft. Meade	FL	HD, WWRZ,
1056	WRUM	100.3	Orlando	FL	RDS RUMBA
1057	WHPT	102.5	Sarasota	FL	HD WHPT
1100	Unid	105.3	Spanish "Caliente" ?		
1112	WXGL	107.3	St. Petersburg	FL	HD WXGL-FM
1112	<u>WSRZ</u>	107.9	Coral Gables	FL	HD WSRZ-FM
1114	WJHM	101	Daytona Beach	FL	HD WJHM-FM
2012	KUAR	89.1	Little Rock	AR	RDS 44E1 KUAR NPR
2013	KABF	88.3	Little Rock	AR	Spanish, but calls in English
2030	KHLR	94.9	Little Rock	AR	RDS 23AB
2037	KCXY	95.3	E. Camden	AR	Y-95, Camden mentioned
2039	WKIM	98.9	Munford	TN	Kim-FM RDS 6FE4 Memphis' Best Variety
2041	<u>WRBO</u>	103.5	Como	MS	RDS 81B4, Soul Classics 103.5
2044	WAID	106.5	Clarksdale	MS	Power 106.5, Delta's fresh music jams
2048	<u>WKNO</u>	91.1	Memphis	TN	HD, WKNO-FM
2105	WKBQ	93.5	Covington	TN	93.5 the Rebel
7/10 Es					
1730	KLQP	92.1	Madison	MN	ID..KLQP Madison-Dawson
1733	KSDN	94.1	Aberdeen	SD	RDS 3FE3 94.1 the Rock
1734	WIBW	94.5	Topeka	KS	RDS 69F8 WIBW-FM
1740	KILS	92.7	Manhattan	KS	92-7 the Zoo
1741	Unid	92.9	92.9 Rock, the Hawk. Reno?		Nah, can't be.
1748	KNIM	97.1	Maryville	MO	RDS 3330 97.1 the Vill
1752	KCKS	94.9	Concordia	KS	949 Kiss FM
1753	KPLO	94.5	Reliance	SD	RDS 38C8, Taco John's
1754	KUTT	99.5	Fairbury	NE	RDS 46D1 KUTT-FM
1757	<u>KACZ</u>	96.3	Riley	KS	z963.com
1758	<u>KBMP</u>	90.5	Enterprise	KS	calls, religious
1800	KHCD	89.5	Salina	KS	HD1 and HD2 lock KHCC-FM

1803	<u>KRKR</u>	95.1	Valley	NE	95 Talk FM, Lincoln ment
1807	<u>WIUM</u>	91.3	Macomb	IL	HD...locked
1814	KZBK	96.9	Brookfield	MO	RDS Z969 KZBK
1815	KYIS	98.9	Oklahoma City	OK	98.9 FM Kiss
1817	KMKF	101.5	Manhattan	KS	RDS K-ROCK
1821	KLNE	88.7	Lexington	NE	NE weather
1824	KQCH	94.1	Omaha	NE	HD KQCH-FM
1828	KQBW	96.1	Omaha	NE	HD KQBW-FM
7/19 Es					
2136	KSDN	94.1	Aberdeen	SD	94.1 the Rock
7/28 Es					
2002	KZKX	96.9	Seward	NE	calls
2006	KGGO	94.9	Des Moines	IA	RDS KGGO PI=FFFF
2008	<u>WBEZ</u>	91.5	Chicago	IL	Chicago Public Radio RDS 57CD
2009	kCQQ	106.5	Davenport	IA	RDS 16F8 Q-106.5 Kimberly Car City
2017	KKDM	107.5	Des Moines	IA	RDS 1F56 Kiss107.5 bogus PS of KFVA
2019	KSRZ	104.5	Omaha	NE	RDS 415B
2020	Unid	103.9	Northern IL and Southern WI...		Elgin mentioned
2022	KXKT	103.7	Glenwood	IA	RDS Kat103 PI=1D90 or bogus KFDO
2026	KBEA	99.7	Muscatine	IA	B-100
2031	WAAG	94.9	Galesburg	IL	RDS 54AE, FM95 country
2032	KRXL	94.5	Kirksville	MO	94.5 the X
2034	<u>WMBI</u>	90.1	Chicago	IL	RDS 747A Scrolling PS...solid signal
2035	<u>WDCB</u>	90.9	Glen Ellyn	IL	wdcb.org
7/31 Es					
1115	<u>KMUW</u>	89.1	Wichita	KS	Wichita Public Radio - KMSO
1123	KTBG	90.9	Warrensburg	MO	90.9 the Bridge
1128	KCKS	94.9	Concordia	KS	drybasementsystems.com
1811	WTYS	94.1	Mariana	FL	call letters, gospel
1838	WUBL	94.9	Atlanta	GA	RDS PI=1111, the Bull
1840	WKSJ	94.9	Mobile	AL	RDS PI=A7ED WKSJ
1844	WFLF	94.5	Parker	FL	Fox News Radio 94.5 WFLA
1902	WCMS	94.5	Hatteras	NC	Water Country...new mode!!
1910	WTNT	94.9	Tallahassee	FL	RDS PS is blank, PI=EEEE
1913	<u>WAEZ</u>	94.9	Greeneville	TN	Electric 94.9 RDS PI=64C2
1919	WGCO	98.3	Midway	FL	Big 98.3 RDS PI=64C2
1935	WSRV	97.1	Gainesville	GA	RDS 85FF, 97.1 the River
1946	WMYI	102.5	Hendersonville	NC	My 102.5
1959	<u>WSOC</u>	103.7	Charlotte	NC	RDS PI=859E, calls
2007	WCGQ	107.3	Columbus	GA	Q107.3, Columbus and Chatahoochie Valley ment.
8/2 Es					
1720	WMAE	89.5	Booneville	MS	RDS MPB89.5 75EB
1727	WMSR	94.8	Tuscumbia	AL	Star 94-9 F000
1729	WTVY	95.5	Dothan	AL	WTVY Weather Center weather
1755	KKLR	94.5	Poplar Bluff	MO	Clear 94 KKLR
1802	<u>WQNA</u>	88.3	Springfield	MO	Springfield mentioned
1804	KWFC	89.1	Springfield	MO	the gospel greats
2040	WSOS	94.1	St.Augustine	FL	RDS 85AE WSOS-FM
2049	WROO	92.7	Green Cove Spgs	FL	Hallelujah 92.7
8/3 Es					
1947	KZMZ	96.9	Alexandria	LA	calls, rock
2005	WOI	90.1	Ames	IA	RDS 99A0
2008	KWCE	94.1	Omaha	NE	RDS 3A78 Channel 94-1
2010	KUSA	92.7	Albion	NE	US92, today's best country
2011	KKOT	93.5	Columbus	NE	935 the Hawk
2012	KWQW	98.3	Boone	IA	98.3 wow fm
8/11 Es					
1917	KHLR	94.9	Little Rock	AR	RDS 23AB and KHLR
1940	KTSO	94.1	Glenpool	OK	94.1 the Sound, Good mx pure and simple
1945	KTBT	92.1	Broken Arrow	OK	92 the Beat, Tulsa's party station
1952	KBEZ	92.9	Tulsa	OK	
1956	KTWO	98.7	Springfield	MO	ID into Baseball
2005	KIXQ	102.5	Joplin	MO	HD, KIXQ-FM
2048	<u>KLIQ</u>	94.5	Hastings	NE	The Breeze 94.5



(Photo courtesy of Michael Temme-Soifer)

Eastern U.S. TV DX

Featuring reports from AL, CT, DC, DE, FL, GA, IN, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT, and WV, along with the Canadian Provinces of NB, NF, NS, ON, PEI, and PQ.

Send reports by the 15th of each month to:

Nick Langan
 1040 Riverview Drive
 Florence, NJ 08518
 E-mail: nickl@wtfd.org

The Editor's Note

The very nice E-Skip season persisted into mid-August, giving us extra chances to experience the familiar analog signals for perhaps the last time, barring a winter opening or two. In some areas the late ending of the E-Skip season segued perfectly into Tropo activity, especially around the Great Lakes. Let's hope there's lots of good trop but first we recap the E-Skip season with a collection of reports from the openings this year. Enjoy!

Ryan Grabow

1613 Park Meadows Dr #2
 Fort Myers, FL 33907
ryan@grabow.com

5/12 Tr

2240 02 WPBT	FL	111
03 WEDU	FL	90
04 WFOR	FL	110
05 WPTV	FL	102
06 WKMG	FL	148
07 WSVN	FL	111
08 WFLA t	FL	91
10 WTSP	FL	124
13 WTVT	FL	89
16 WUSF t	FL	92
24 WFME t	FL	148
27 WRDQ	FL	129
28 WFTS t	FL	91
32 WMOR	FL	88
40 WWSB t	FL	75
44 WTOG	FL "CW44.com"	90
50 WFTT	FL	91
62 WVEA	FL	90
65 WRBW	FL	149

5/13 Tr

0030 07 WJHG t	FL	343
12 WPEC t	FL	103
13 WMBB	FL	338
17 WLRN	FL	111
21 W65AP	FL "Gen TV 8"	137
25 WPBF t	FL	99
34 WTVX	FL	99
39 WSFL	FL	110
56 WFSG	FL	360
58 W58BUt	FL NBC	111

6/3 Es

1220 02 WMAR	MD	930
1230 02 KJRH	OK	1043
02 KGAN t	IA	1224

6/15 Es

1953 03 KTBS	LA	839
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6/16 Es

1000 02 KCWX	TX KENS spot	1048
1100 03 XHVSTt	SLP "Hoy" program	1128
03 unID	Globo audio-only	

6/22 Es

1800 02 WGRZ	NY	1129
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7/3 Es

1100 03 unID	Televisa w/ CST clock	
1300 02 XHRIO	TAM	971

7/7 Es

1100 03 KTVO t	MO	1137
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7/10 Es

1100 05 CBLT t	ON CBC	1185
1130 05 WRAL	NC Short Hop	658
1203 02 WFMY t	NC Short Hop	652

7/14 Es

1300 02 WKAQ	PR TEL w/ 2/12 ID	1166
1750 02 WUND	NC "UNC TV", Short	667

7/18 Es

1100 02 XHY-TV	YUC SIPSE, SN prog.	625
1126 02 unID	Televisa	
1200 02 XHRIO	TAM	971
02 KJRH	OK	1043

1230 04 unID	spanish	
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03 KBTX t	TX CBS	903
04 KGBT t	TX CBS	989
1235 02 KPRC	TX	857
1238 03 XHCVT	TAM Azteca-13	1138

7/21 Es

1100 02 HIJB t	Dominican Republic	948
1200 02 KJRH	OK	1043
03 WRCB t	TN NBC Tenn. Valley	626
1216 03 WCIA t	IL "W" bug	1007
03 KOET	OK "OETA"	995
1330 03 KYTV	MO	977
03 KSNW	KS "KSN" bug	1196
1858 03 WPSU	PA	1022
2000 03 CKVR t	ON "A channel"	1232

7/23 Es

1200 02 unID MEX Canal 5 w/ anime

7/30 Es

0948 03 KTBS LA 893
0955 03 KFDX TX 1117
03 KOET t OK 995
1000 02 KDTN TX Daystar 998
1231 02 WKAQ t PR Telemundo 1166
1355 02 unID spanish w/ globe logo

8/3 Es

1715 02 WKAQ t PR Telemundo 1166

8/9 Es

1100 02 KJRH t OK 1043
1123 03 KYTV MO 977
1142 03 unID w/ cartoons

Says Ryan: "Though there was only one tropo opening worth noting, e-skip this year was pretty good. This report not only contains my first (several) latin american catches, but also many new short-hop catches (my July 18 catch of XHY 2 embodies both trends quite well). My updated stats are kept at egrabow.com/dx

This was my last TV DX report for the VUD. In July, I posted on wtfda.info that I'm leaving the hobby after this year. I have no interest in digital stations and, in spite of the sudden rush of them this year, international targets never really became part of the hobby for me. Many thanks to my friends in the WTFDA who've helped me with IDs and who gave a sense of community to my static-watching tendencies. Heck, you never know, I might be back. I just feel like focusing on some other things right now... such as a potential writing career.

Side note: Only a few days before submitting this, I was promoted to director at Waterman Broadcasting. So, if anyone sees WBBH-DT or WZVN-DT during their morning or noon newscasts... it might be me calling the camera shots. (oh! the power!) Just say the word and I'll put up an extra-large, extra-legal station ID for you.
73"

Rick Shaftan

Sparta, NJ

6/28 Es

1650 6+ @CBYT-5 St. Andrews NF
CBC 53 888
1652 5z CBYT Corner Brook NF
CBC 50 978
1655 2z CKCW Moncton NB CBC
53 594
1659 3- @CBYT-4 Port Aux Basques
NF CBC 54 890
1700 4z CJCN Grand Falls NF
CTV 53 1091
1702 5+ CBNT-3 Marysville NF
CBC 60 1051
1725 3z CBNAT Baie Verte NF
CBC 46 1078
1752 3z CBHT Halifax NS CBC 62
609
1852 6z CJCB-TV-1 Inverness NS
CTV 58 753
1940 2- CBIT-2 Cheticamp NS
Mandela Concert 56 779
1941 3+ @CJCB-TV-6 Port
Hawkesbury NS CTV 60 740
1942 5- @CBAFT Fredericton NB
FF 52 544
2140 6 CBWT Winnipeg MB
Mandela Concert 306

Actually logged some new TV stations, and had Europe on the D-100 with CCI around 1835-1845. CBNAT was also in this morning earlier. TV up to 647 analog including 166 eskip and 94 digital.

Robert Grant (N8NU)

231 E

Temperance Rd. Temperance, MI 48182
Rq3d@yahoo.com (expect delays, no home Internet access)

Temperance is in SE corner of MI. (EN81fs)
(Temperance) Sylvania (Funai) 6427GFF
analog/digital (2005).

. Channel Master Advantage 3020 on chimney at about 33'

(Manistique) several TV sets/displays, digital on Zenith DTT-900

outdoor-type UHF 4-bay bowtie with RDX UA-900 preamp used

indoors, VHF twin-lead dipole indoors with Kitztech preamp.

(Marquette) Action 5" B&W, rabbit ears.

7/9 Es

(From Temperance, MI EN81fs)

1055 CBHT 3 NS Halifax FN84 1021
1145 CJCB 4 NS Sydney FN96 1199
1355 KDTN 2 TX Denton EM12 973
KCWX 2 TX Fred'burg EM00 1162
unID 3 SRC, zero ofst, ENE
1435 KMIDt 2 TX Midland T
1442 KACVt 2 TX Amarillo T
1600 KWGN 2 CO Denver DM79 1144

7/10 Es

1020 KDTN 2 TX Denton EM12 973
 1025 WPBT 2 FL Miami EL95 1106
 WEDU 3 FL Tampa EL87 964
 1030 WFOR 4 FL Miami EL95 1107
 WTVJ 6 FL Miami EL95 1133
 1148 KJRH 2 OK Tulsa EM26 764
 1200 WWL 4 LA New Orleans EL49 895
 1228 KPRC 2 TX Houston EL29 1075
 KENW 3 NM Portales DM83 1235
 1319 KSWK 3 KS Lakin DM97 972
 1630 KOTA 3 SD Rapid City DN84 1010
 1701 KBME 3 ND Bismarck DN96 917
 1715 CKCKt 2 SK Regina T
 1719 unID 4 CW, non-zero offset
 CKND2t 2 ND Minnedosa T
 1725 KSWK 3 KS Lakin DM97 972
 1806 CBKT7 3 SK Warmley DN89 1074
 1810 unID 3 SRC
 1824 KSNW 3 KS Wichita EM17 792
 2010 CKCK 2 SK Regina DO70 1165
 2020 CFQC1 3 SK Stranraer DO51 1359
 2230 WESH 2 FL Daytona Bch EL98 914

7/14 Tr

(From Manistique, MI EN65uw)
 2345 WTMJ-DT 28 WI Milwaukee EN63 213

7/15 Tr

0010 WITI-DT 33 WI Milwaukee EN63 213
 0020 WCGV-DT 25 WI Milwaukee EN63
 212
 0023 WVCY-DT 22 WI Milwaukee EN63 212
 WVTV 18 WI Milwaukee EN63 212
 WCGV 24 WI Milwaukee EN63 213
 WIBW 14 WI Suring EN54 126
 0100 WCIU 26 IL Chicago EN61 289
 0220 WGTU-DT 31 MI Traverse C EN74 103

7/17 Tr

0020 WLUC-DT 35 MI Marquette EN66 78
 (rare - first time w/video)
 unID-DT 20

7/19 Es

1155 CKAL1 2 AB Lethbridge DN39 1257
 1300 CKSA 2 AB Lloydminster DO43 1173
 2209 KTVI 2 MO St Louis EM48 552

7/21 Es

1857 KCWX 2 TX Fred'burg EM00 1277
 1905 KPRC 2 TX Houston EL29 1235
 KDFW 4 TX Dallas EM12 1083

7/22 Es

(From Marquette, MI EN66hn)
 1429 WUND 2 NC Edenton FM15 932
 WTKRt 3 VA Norfolk T
 (CBS, same offset and /WJMN)

7/23 Tr

(Back at Manistique)
 0230 WFLD 32 IL Chicago EN61 289
 0300 WBAY-DT 23 WI Green Bay EN54 135
 WJFW-DT 16 WI Rhinelander EN55 141
 WGBA-DT 41 WI Green Bay EN64 137
 WLS-DTt 52 IL Chicago T
 0345 WCGV-DT 25 WI Milwaukee EN63
 213
 WTMJ-DT 28 WI Milwaukee EN63 213
 WITI-DT 33 WI Milwaukee EN63 213
 WISN-DT 34 WI Milwaukee EN63 212

0410 WLUK-DT 51 WI Green Bay EN64 138
 WHA-DTt 20 WI Madison T
 0420 WFRV-DT 39 WI Green Bay EN64 138
 0446 WDJT-DT 46 WI Milwaukee EN63 212
 0450 WPXE-DT 40 WI Kenosha EN63 212
 0455 WWRS-DT 43 WI Mayville EN53 205
 0459 WVTV-DT 61 WI Milwaukee EN63 212
 0510 WVTV 18 WI Milwaukee EN63 212
 W22BW 22 WI Sturgeon Bay EN64 89
 WCGV 24 WI Milwaukee EN63 213
 WGBA 26 WI Green Bay EN64 137
 WMVT 36 WI Milwaukee EN63 212
 WWRS 52 WI Mayville EN53 205
 WPXE 55 WI Kenosha EN62 235
 WDJT 58 WI Milwaukee EN63 212

7/25 Tr

0225 WWTV-DT 40 MI Cadillac EN74 134
 (PSIP only)
 0230 WWUP-DT 49 MI S Ste Marie EN76
 107
 (rare - first time w/video)

7/27 Tr

(Back at Temperance)
 1700 WNYB 26 NY Jamestown FN02 226
 WSEE 35 PA Erie EN92 183
 WQLN 54 PA Erie EN92 180

7/29 Tr

1810 WNYB 26 NY Jamestown FN02 226
 WSEE 35 PA Erie EN92 183
 WQLN 54 PA Erie EN92 180

Es

1830 KWGN 2 CO Denver DM79 1144
 KREG 3 CO Glenwd Sps DM69 1259
 KCNC 4 CO Denver DM79 1144
 KRMA 6 CO Denver T

7/30 Tr

2200 WNYB 26 NY Jamestown FN02 226
 Eastern OH stations very strong

7/31 Es

1039 KOET 3 OK Eufaula EM25 784
 1045 KFDX 3 TX Wichita Fls EM03 983
 1125 KJRH 2 OK Tulsa EM26 764
 1128 KYTV 3 MO Springfield EM37 594
 1145 WMABt 2+ MS MS State PBS T
 KARKt 4z AR Little Rock NBC T
 1150 WREGt 3 TN Memphis CBS audio T
 1222 KSWK 3 KS Lakin DM97 972
 1530 KBTX 3 TX Bryan EM10 1040

8/1 Es

0015 KSWK 3 KS Lakin DM97 972
 1357 CBAFT3 3 NB Allardville FN77 971

8/2 Es

1000 WESH 2 FL Daytona Bch EL98 914
 WEDU 3 FL Tampa EL87 964
 WSAV 3 GA Savannah EM92 682
 WSBt 2z GA Atlanta ABC T

1100 KCWX 2 TX Fred'burg EM00 1162
 2130 KIII 3 TX Corpus Chr EL17 1313
 2155 WPBT 2 FL Miami EL95 1106

8/4 Es

0035 KPRC 2 TX Houston EL29 1075
 0047 KTBS 3 LA Shreveport EM32 848

Tr

0601 WBXX 20 TN Crossville EM76 393
 CW, plus offset

WTTV 4 IN Bloomington EM69 213
Unusually strong
numerous unIDs, off to work

Es

1830 WPBT 2 FL Miami EL95 1106
2005 CBKT7 3 SK Warmley DN89 1074
unID 3 SRC
CKCK 2 SK Regina DO70 1165

8/5 Tr

0005 South bend UHF's

8/9 Tr

0210 South Bend UHF's strong

0215 unID 15+ under WANE (KYOU?)

Says Robert: "E-skip in early July finally got past the 4-meter barrier, with my first channel 6 logging of the year, and a little FM heard as well. It also broke out of it's Gulf Coast confines and into Canada.

Conditions at the cabin near Manistique were not nearly as good as the last two vacations, with even the best tropo being only as good as an average night in 2006. Skip was also hard to come by, but the Alberta stations were nice to see, and getting KTVI-2 at only 552 miles, all alone on the channel, the same day, was cool.

Wouldn't you know that Es would make a bold return the day I drove back home from the cabin. Too bad I wasn't able to get an ID from suspected WREG and WMAB in the short Es opening that brought KYTV, now that they won't be there next summer. I guess I've seen CBAFT3 about 10 times in Temperance, but this was the first time I caught them with local content (rare for SRC stations), an "Atlantique" community calendar.

Underlining the 393-mile distance for WBXX was not a typo – that's the best I've been able to do on UHF tropo from here! Let's hope it's the harbinger of a great tropo season!"

Fred Nordquist - 147 Travis Hill Rd - Moncks Corner SC 29461

7/3 Tr

2317 WMYT-DT-39 SC Rock Hill MyTV(163)
7/7 Es IL - signal on the Zenith STB most likely from
WBBM-DT-3 at 1420edt but not enough for ID lock.

8/6 Tr

2301 WTCE-DT-38 FL Ft Pierce-TBN(428)
2305 WFLX-DT-28 FL W Palm Beach-Fox(459)
2325 WXEL-DT-27 FL W Palm Beach-PBS(422)
2332 WSFL-DT-19 FL Miami-CW(501)

8/7 GW

1321 WMBF-DT-32 SC Myrtle Beach-NBC(62)

Says Fred: "Es was noted this reporting period on 6/22 6/23 6/26-6/28 6/30 7/1-7/4 7/6-7/10 7/22 7/26 7/28 7/318/2-8/4 8/9 8/11, but concentrated on FM DX this season. All above are new loggings. TV Totals = 361 (including 119 DTV). 73-Fred"

Jim Pizzi – 100 County Rd. 28 Palmyra, NY 14522

TV DX Equipment:

Delhi VP307SR (2-13); Winegard PR-9032 w/PA-4975 Amp UHF; 1994 27" RCA Zenith/LG DTT9000 STB Digital

6/16 Es

1057 unID 6 People's Court
1108 KAUZ 6 TX Bug LL, CBS Eye LR
1159 unID 6 Texas "Cotton Patch Café" ad
1215 KXAS 5 TX Bug LR
1231 WBRZ 2 LA "Morris Bart Atty." Ad
1329 KOCO 5 OK Dopple Radar Promo
1400 WLBT 3 MS Calls

6/21 Es

1128 WBRZ 2 LA Weather Promo
1142 WEDU 3 FL Bug LR
1158 WESH 2 FL Calls
1200 WJXT 4 FL Tent.

6/23 Es

1148 unID 2 South zero-bewat to WGRZ-2 zero offset
1344 WPBT 2 FL Bug LR
1523 WEDU 3 FL Bug LR, again @ 1750
1746 WESH 2 FL Local News w/Bug LR
1747 unID 4 ¾ Color Bars minus offset, Cuba???

1758 WPBT 2 FL With SS promo
1804 WJXT 4 FL Local news w/Bug LR
1807 WSAV 3 GA Local news, Logo LR + Ads/Calls
1811 WTVJ 6 FL Local news, ads
1813 WUFT 5 FL @1920 Bug LR
1924 WCTV 6 GA Calls + Promo
1935 WTWC-DT 2 FL Zenith decode WTWC-DT 40.1, Brief video @ 1943 w/"Insider"
1958 WCES-DT 2 GA Decode WCES-DT 2.1 40 secs. Of video
2219-2310 WTWC-DT 2 FL Popping in & out
2224 WDIC 2 AL APT Bug LR
2302 WBRZ 2 LA News Bug LR
2303 KBTW 4 TX Large calls floating under WIVB

6/24 Es
1638 WBRZ 2 LA News promo/Dr. Phil

6/25 Es
1409 KBME 3 ND Prairie Public Bug LR
1411 KXMA 2 ND CBC Bug LR – Soap
1424 KXJB 4 ND Tent., Zero to WIVB

6/26 Es
2058 KOET 3 OK OETA Bug LR

6/27 Es

0757 WESH 2 FL News Break
0830 WJXT 4 FL Bug LR
0840 unID 2 Brief DTV Signal South
0919 WCES-DT 2 GA w/Brief video
1000 KTBS 3 LA Calls
1024 WABG 6 MS Judge Mathis //Titan
1025 WBRZ 2 LA Promo
1034 KTAL 6 LA Weather
1039 KFSM 5 AR Rachel Ray, again @1330
1118 KOET 3 OK Bug LR
1158 KJRH 2 OK
1200 KOCO 5 OK OKC Radar, KOCO.com
1201 KFOR 4 OK Bug Upper right
1202 KARK 4 AR Bug LR, Local news
1203 KOTV 6 OK CBS, Again @ 1337 w/News on 6 KOTV Bug LR
1228 KEMV 6 AR Gymnastics Kids pgm. In N. Little Rock
1258 KBSD 6 KS KWCH-12 ID @ 1300
1311 KCTV 5 MO Bug LL News
1315 KMOV 4 MO KMOV.com
1317 KTVI 2 MO TMZ FOX2
1334 KSDK 5 MO Bug LR
1416 WDAF 4 MO FOX4
1432 KWNB 6 NE NTV ABC Logo
1622 KOTA-DT 2 SD Tent., brief signal noted, not enough to lock
1826 CJBC 4 NS "Live at 5" Promo CTV
1827 CBIT 5 NS Tent., Zero to WTVH-5 minus offset
1828 CKCW 2 NB Tent., CTV
1837 unID 2 FF
2048 CKND-2 2 MB Global
2058 unID 5 SK CBC, 306AC, Soap?
2100 CBWFT 3 MB FF
2102 CBWT 6 MB CBC Africa concert Aids?
2315 KYFR 5 ND under CBLT-5

6/28 Es

1000 unID 2-4
1229 KXXM 2 ND "KX"

6/29 Es

0948 WPBT 2 FL Bug LR
1005 WCES-DT 2 GA Calls per Zenith

6/30 Es

1530 WPBT 2 FL Brief Es

7/1 Es

1150 unID 2 South, brief
2131 WEAR 3 FL "WEAR TV-3 Pensacola, FL" in vert. blanking bar

7/1 Tr

2229 CFMT-DT 64 ON "Omni-1"
2230 CJMT-DT 44 ON "Omni-2"

7/2 Tr

0412 CBLFT-DT 25 ON Calls per Zenith

7/2 Es

0950 unIDs 2-4 Weak, south
1430 unIDs 2-5 South
1500 WPBT 2 FL ID

7/4 Es

1050 WEDU 3 FL PBS or KOET?
1054 WBRZ 2 LA Calls ment. In promo

1056 KATC 3 LA Ads + Calls
1134 WJXT 4 FL Maury (Titan)

7/5 Es

1141 WPBT 2 FL Bug LR

7/5 Tr

1854 WPSU-DT 15 PA "DTV 3.3 WPSUSD2" per Zenith

7/6 Es

1245 unID 2 South NBC w/Tennis
1851 WBRZ 2 LA Calls in Bug LR
1855 WDSU 6 LA Logo in News
2040 WBRC 6 AL FOX
2200 WEAR 3 AL
2200 WKRG 5 AL

7/7 Es

0730 WPBT 2 FL
0800 WEDU 3 FL Calls
0950 WDSU 6 LA Calls
1028 WKRG 5 AL Bug LR
1227 KSNW 3 KS KSN Weather
1227 KSNC 2 KS KSN Weather

7/8 Es

1004 WPBT 2 FL
1028 WFOR 2 FL
1056 WESH 2 FL
1059 KCWX 2 TX Large "CW" Logo
1204 WTWC-DT 2 FL
1253 KGAN 2 IA News promo @ 1259
1257 KNOP 2 NE "True View 2" Weather
1301 KMTV 3 NE Local News
1302 KSNC 2 KS KSN News
1459 KIMT 3 IA "KIMT News 3" Logo
1756 KSDK 5 MO News Break
1800 KYTV 3 MO Logo
1813 KMOS 6 MO T-Storm Bug UL, ID @1829
1822 KOET 3 OK OETA Bug LR
1826 KOCO 5 OK End of Local news
1828 WDAF 4 MO "FOX4" Bug LL
1902 KCEN 6 TX "Waco News" + Logo
1920 KFOR 4 OK "Newscenter 4" Logo

7/9 Es

0827 WPBT 2 FL
1057 WPTV 5 FL
1057 WTVJ 6 FL
1100 WFOR 4 FL
1226 WEDU 3 FL Bug LR
1636 WESH 2 FL Weather Radar
1700 WPBT 2 FL ID
1819 KQTV 2 MO KQ2 Logo
1820 KSNC 2 KS KSN
1900 KLNE 3 NE Net
1959 KSNW 3 KS Lubbers Car Dealer
2025 WBRC 6 AL FOX
2106 KATC 3 LA
2106 WREG 3 TN

7/10 Es

0950-1230 weak Es 2+3
1301 WKRG 5 AL Local News
1349 KYTV 3 MO "Andy Griffith Show" per Titan
1349 unID 2 PBS
1745 unID 6 PBS

7/13 Es

1045 WPBT 2 FL Bug LR

1053 WFOR 2 FL "4 Sunday Morning"
@1100

7/15 Es

2309 KFOR 4 OK
2315 KJRH 2 OK Tent. Weather

7/17 Tr

0204 CFJP 35 QC
0606 WMHT-DT 34 NY In & out til almost
Noon
0702 WTEN-DT 26 NY Lock with video
0706 WYPX-DT 50 NY "ION Life"
0913 WRGB-DT 39 NY #1 Regis #2 WCSN

7/17 Es

1051 WPBT 2 FL Bug LR

7/20 Es

1807 WPBT 2 FL Bug LR
1808 WFOR 4 FL Both in briefly

7/22 Es

1215 unIDs 2-6 Went to FM
1711 WCBD 2 SC Storm alert + logo
1759 WEAR 3 FL Weather w/calls

7/23 Es

0730-0900 unIDs u/WGRZ-2
0910 WESH 2 FL
0923-25 2, 4, 6 Miami
0953 WKMG 6 FL CBS

7/24 Tr

0912 CITY-DT 53 ON DTV signal right at
Toronto but no lock

7/26 Es

1611 KSNB 4 NE T-S watch LR w/States
& counties map
1629 WOWT 6 NE
1706 WOI 5 IA
1815 KUSD 2 SD Logo bug LR

7/29 Es

1225 CBWFT 3 MB FF CBC/Olympic Log
LR minus offset
1231 KGFE 2 ND PBS
1232 KXJB 4 ND CBS
1259 CBWFT-7 2 ON //CBWFT-3
1310 CKND-2 2 MB Global
1739 KGAN 2 IA Local news break
1739 KTIV 4 IA KTIV.com, local news
@1800

1744 KLNE 3 NE Net bug LR
1749 KUSD 2 SD Bug LR
1802 KMTV 3 NE Local news
1803 KIMT 3 IA Local news
1809 KSNW 3 KS KSN Weather

7/30 Tr

1015 W38CY 38 NY Syracuse TBN

7/31 Es

1302 KSNK 2 KS KSN Local news
u/WGRZ to 1400
1304 KSNW 3 KS KSN Local News
1305 KSWK 3 KS PBS
1950 KMOS 6 MO Bug LR

8/2 Es

1005 unIDs 2-5 South brief
2000 WESH 2 FL Logo
2000 unIDs 3,4,5
2004 WUFT 5 FL
2010 WEDU 3 FL Pledge drive

2156 WPBT 2 FL Pledge drive
2246 WEAR 3 FL ABC
2308 WKRG 2 AL Local news
2312 WCTV 6 FL Local news, logo LR
brief but strong

2322 WBRZ 2 LA Bug LR, news
2325 WLBT 3 MS Logo, sports
2329 KATC 3 LA "Severe T-S warning –
Lafayette"

2330 WCBI 4 MS Large calls floating
under WIVB

2332 unID 5 DTV signal briefly
2352 KTBS 3 LA "M.A.S.H"

8/3 Es

0000 KOET 3 OK PBS OETA
0002 KF5M 5 AR "Paint up Arkansas"
1016 WESH 2 FL
1939 KOTA 3 SD Stargate Atlantis – Titan
1942 KIVV 5 SD Ads
1944 KDUH 3 NE //to KOTA-3
1949 KMTV 3 NE Logo UR w/Heat

Advisory 95 degrees

1959 KSNB 4 NE ID As 4&17
2007 WOWT 6 NE Again @ 2138 w/News
promo

2010 KHAS 5 NE Minus NBC
2104 unID 6 FOX
2125 KWNB 6 NE ABC NTV News promo
2127 unID 2 ABC
2127 unID 2 PBS

2319 KTBS 3 LA Logo LR Local news
2323 WBRZ 2 LA Large calls floating
u/WGRZ

2335 WREG 3 TN Ad 901 AC
2338 unID 4 Minus offset w/"Insider"
2355 WKRG 5 AL "Andy Griffith" Titan
2355 KPRC 2 TX Logo
2358 WWL 4 LA Large Calls

8/4 Es

0002 KXAS 5 TX Logo
0026 KOET 3 OK OETA
0100 unID 5 end of "Extra"
0931 KIMT 3 IA Bug LR
0943 WBRZ 2 LA Mary Landru Political ad
– Louisiana

0958 WKRG 5 AL Weather
1000 WMAB 2 MS "MS Public
Broadcasting"
1059 WBRC 6 AL Ads, @1124 FOX6 –
Rachael

1120 WABG 6 MS Bug LR "Ellen"
1229 WDSU 6 LA Bug LR Weather
1244 CJCN 4 NF NTV Canada's
Superstation, "Tyra"
1419 CJON 6 NF NTV Bug LR "One Life
to Live" //CJBC-4

Says Jim: "Great Es season here! Many
days filled with skip from early morning to 1
and 2 AM---wow! Couldn't have asked for
a better season---keep alert for offseason
now. Happy tropo season ahead.

Jim."

6 Meter/2 Meter Amateur DX



50 Mhz
The *Magic* Band



Peter Baskind, N4LI
3225 Forest Hill-Irene Rd
Germantown, TN 38138
N4LI@ARRL.net

The kids are back in school. The hardcore heat of the Summer is on the wane, and sporadic-E is about over. It has been an interesting, though somewhat unpredictable season. There have been a few high-MUF events, Trans-Atlantic opportunities, and DXpeditions to needed entities. Fun.

Headlines for July in North America included some excellent openings across the Atlantic to the country's midsection, particularly around July 8th, numerous loggings of rare Canadian Sable Island and new DXCC entity, St. Bart's, and some very nice double-hop Coast-to-Coast. Over the next few weeks, loggings will appear here in the column.

Here in beautiful EM55, July brought its share of VHF fun. I got both St. Bart's and Sable Island (QRP), as well as Madeira Islands, also a new contact on 50 MHz (though a *bit more* than 5 Watts was needed). WD0BQM/DN81 was a new 2m (144 MHz) grid during a short sporadic-E opening on July 22nd. Otherwise, I just knocked out a couple of new grids, and continued my slow trek toward 6m WAS QRP, getting W7JY from Oregon in the log on July 9th.

* * *

I received a postcard from a fellow WTFDA member with some constructive comments. This member, who is not a ham, finds the 6m/2m loggings interesting, but a bit confusing. Our logging section tends to be a mish-mash of callsigns and grid squares, which can be a bit unsatisfying for those not familiar with grid maps.

Good point. Those of us who live by squares have grid maps imprinted on our brains. We know that EM grids are in the middle and southeast of America; grids beginning with CM or CN are West Coast, and FN and FM are Eastern Seaboard stations, *etc.* Grids beginning with B, Jor I, or even G are a bit more exotic. But, there's a lot more to it than that. In future, I'll try to include locations when available and appropriate. One can also find grid maps many places on the Internet. Here is a good one of the United States, downloadable as a .pdf:

homepage.mac.com/WebObjects/FileSharing.woa/wa/usgridsq.pdf.pdf-zip.zip?a=downloadFile

It's made available by Icom, the radio manufacturer. It's easy to read, and in color.

There are several suitable grid maps of the World available on-line. Here is one that gives a nice view of grid fields; you'll get a good general idea of where specific squares fall:

<http://www4.plala.or.jp/nomrax/GL/index.html>

For more specific grid maps of worldwide regions, visit:

<http://6mt.com/square.htm>

The European and Latin American maps are particularly useful.

Of course, the callsign of a station itself gives hints of location. American calls are easy – they all start with A, K, N, or W. Other countries have their own call prefixes: Mexico uses XE, most Canadians start with V, French stations use F, etc. Calls can be looked up at QRZ.com, and a full list of prefixes worldwide can be found at <http://www.ac6v.com/prefixes.htm>.

Loggings

Bill Smith, W1OW, 56 Locust St., Douglas, MA 01516 FN42

July 7, 2008: Opening to South/Southwest into Mexico. Worked XE1CT/DL91 @ 0123; XE2YHR/EL06 @ 0206. Also heard EL60, DL90, and DL92. Later evening brought short-skip opening to Newfoundland. Several stations active. Worked: VO1MUF/GN08 @ 2151; VO1TX/GO21 @ 2202; and VO1CAL/GN39 @ 2211. Also heard VE0ZJ/mm GN37.

July 8, 2008. Opening to Europe. Started by hearing Madeira Islands and Canary Islands.

2100	EA5EN	IN80	2120	EB1YL	IN73
2103	EA5AX	IM98	2121	EA1ABN	IN73
2105	CT1FFU	IM59	2125	EA1CJ	<u>IN71</u>
2107	EA5SR	IM98	2131	EA7KW	IM67
2109	EA4EED	IM68	2132	EA7HG	IM87
2120	EA1DDU	IN73	2135	CT1ESV	IN50

July 8, 2008. Brief opening to Europe. Worked PE1BTX (The Netherlands) @2219; PA7MM @2221; GI6ATZ (Northern Ireland) @ 2228.

July 10, 2008. Good double-hop to the West.

1550	NQ7G	DM35	1925	W7SE	DN71
1813	K0TSI	DM79	2152	K1NV	<u>DM16</u>
1820	N3TOA	DM89	2156	W6AT	DM14
1920	N0KE	DM69			

July 12, 2008. Opening to Southern Europe. Worked EA8CCG/IL18 @ 1611; EA7FQB/IM76 @ 1622; ZB3B/IM76 @ 1626 (**Country #94 – Gibraltar**); CT1CDP/IM58 @ 1640; and CT1ANO/IN51 @ 1649.

July 13, 2008. Good opening to Caribbean. Worked VP2MRM/FK86 (Montserrat) @ 1242; YV5ESN/FK80 @ 1342 (Venezuela); and YY5LI/FK60 @1433. Also heard stations from the US Virgin Islands, Puerto Rico, Aruba, Bermuda, and The Dominican Republic.

July 22, 2008. Good opening to Caribbean. New stations worked:

1947	NP3XF	FK68	2224	HI3/LY3UM	FK49
1948	PV8AZ	<u>FJ92</u>	2233	WP4AZT	FK68
	(Northern Brazil)				

July 26, 2008. Good opening to Europe.

2039	MM0AMW	1071	2152	EA1BFZ	IN81
	(Scotland)		2153	EA1WX	IN73
2049	EA1CCM	IN52	2157	CN8KD	IM63
2103	VC1T	FN73		(Morocco)	
2143	F4ENK	JN06	2158	EA3DBJ	JN00
2147	F5LNU	JN04	2208	F5BYM	IN94

2241 CT1ESV IN50

2318 EA1ASG IN51

July 29, 2008. Good opening to West; double-hop noted. Worked WA7JTM/DM33 @ 0042; AA6DD/DM13 @ 0017; NQ7G/DM35 @ 0125; and N7KA/DM65 @ 0127. Also heard DM34/Arizona.

July 29, 2008. Midday opening to Pacific Northwest.

1611 K7OFT	CN87	1648 KB7ME	CN85
1640 W7EW	CN84	1652 VE7DAY	CO70
1642 NN7J	CN85	1653 KI6CG	DN28


July 31, 2008. Weak opening to Europe. Heard CT3FQ/Madeira Islands.

ITU #6
CQ #3
GRID: CN84


OREGON
LANE COUNTY

W7JY

DXCC
WAC
WAS



CONFIRMING QSO WITH	DATE			UTC	MHz	RST	MODE 2-WAY	QSL
	DAY	MONTH	YEAR					
N4LI / QRP	09	07	08	04:04	50.1	55	SSB	PSE
	13	06	08	00:12	50.1	59	SSB	TNX



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SUWANNEE'S RADIO STATION HEARD AT 1,000 MILES CONTINUED FROM PAGE 17

roof to prevent ice buildup during winter. It is a yagi type antenna that looks similar to an outside television antenna, but provides much more signal gain.

Edmunds has put the thirteen seconds of the programming he recorded from the Suwannee station on the internet for others to hear. He described it as a "gem" to be added to his "collection" of distant FM stations he has received, which also includes an 80 watt translator or repeater radio station in Nebraska and another 100 watt station in Oklahoma. The audio from WZRO-LP is the ending of an interview with Suwannee Water and Sewer Manager Tony Johns on the progress of the new water plant construction, followed by the station call letters and a song. It can be heard on the internet at <http://www.wtfda.info/showthread.php?t=1490>

Edmunds considers himself a DXer or a person who listens for distant radio stations, and is also a ham radio operator WB2BJH. (DX is an old telegraphic term meaning "long distance.") He has been listening and logging distant stations since the mid 1960s and is a member of the Worldwide TV and FM DX Association (WTFDA) which shares

information on equipment and the distant stations members have received. The night he heard the Suwannee Station, Edmunds had also logged several other stations, but all were of higher power output. He explained that hearing distant radio stations is mostly about listening on the right frequency at the right time.

Edmund told Brooks that he would be listening again for the Suwannee Station this summer – but he believes this reception was a one-shot chance to hear the small low-power stations at 1,000 miles away.

For general information on the DX hobby, go online to http://en.wikipedia.org/wiki/TV/FM_DX. The Worldwide TV and FM DX Association (WTFDA) website can be found at <http://www.wtfda.org/>.

This article appeared in the July 2008 Hidden Coastlines Community Magazine and was sent to WTFDA by Jimmy Brooks of WZRO-LP.



TURKS AND CAICOS BANDSCAN

Thanks to Steve Branch for the bandscan and to Bob Cooper for the technical information

88.7 WDDR - Hip Hop "88 Jamz"

90.5 WIV Radio - Religion

92.5 WIV Radio - Hot AC, format oriented towards the tourist population

93.9 WIV Radio - relays country channel from Sirius or XM satellite

96.7 Religious Talk, over-modulated audio

98.9 Religious Music

99.9 WIV Radio - relays "60's on 6" channel from XM Radio

101.5 WIV Radio - Variety

102.5 WIV Radio - Religious Music

103.3 relays 80s channel from Sirius

105.5 Hip Hop, R & B

106.3 KIST Religious

107.7 Radio Turks and Caicos

Based on what I can glean from the web and from the WRTH, all of these stations run power levels between .25 and 1 kw. At my QTH on the east end of Providenciales, 105.5 was the strongest signal; all the others were close behind.

WIV is the cable company which also runs a cable TV station (WIV 4) and several FM stations (see above).

The chap who operates some of the stations listed in the bandscan provides me with the following (the WIV transmitter tower is in mid island and it is a banana shaped atoll running mostly east by west):

90.5 200W 5 ele log periodic yagi

92.5 600W stacked 3 el yagis

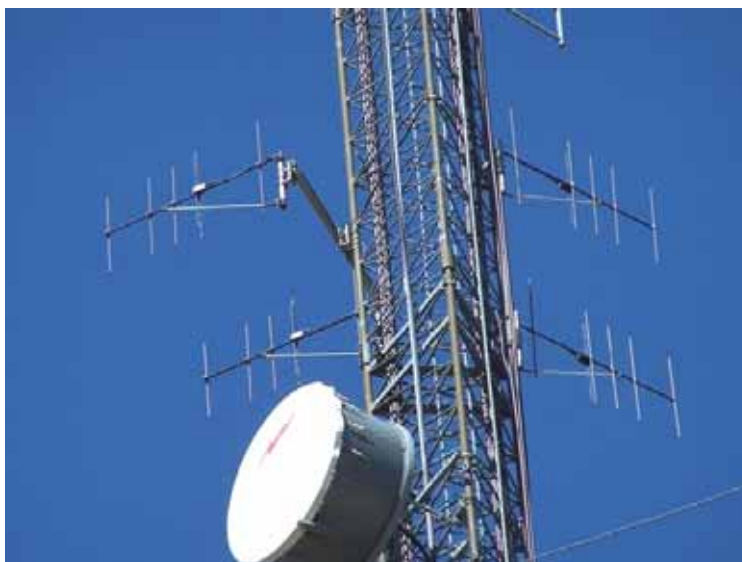
93.9 25W 5 ele log periodic yagi

99.9 50W 5 ele log periodic yagi

101.5 50W 5/8 vertical

102.5 250W 5 ele log periodic yagi

103.3 50W 5 ele log periodic yagi



Antennas of WSMA 90.5 Scituate, MA

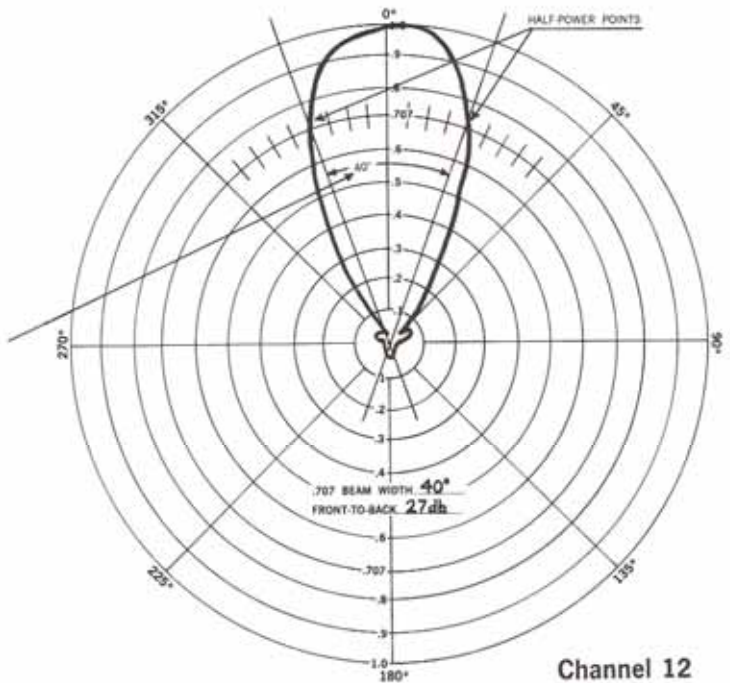
DIRECTIVITY

CH yagis have a narrow well-defined reception pattern which has all the power concentrated into a single lobe, free from spurious side lobes. These excellent reception patterns, in both the vertical and horizontal plane, reject reflected signals which cause ghosting and greatly reduce noise and interference caused by citizen band transmissions, auto ignition and aircraft.

Beam width measurement is angle between lines drawn through center of chart and half-power points on polar outline.

The polar chart is a graphic picture of how the gain of an antenna is related to the direction it is pointed. To make a comparison of antennas easier, directivity is shown here in tabular form as the beam width (in degrees) at the half-power points.

Typical polar chart shows horizontal reception plane of antenna.



Beam Width at Half Power Points (.707) in Degrees

Channel Number	2	3	4	5	6	7	8	9	10	11	12	13
Horizontal Plane	61°	55°	50°	52°	44°	38°	40°	38°	39°	40°	40°	36°

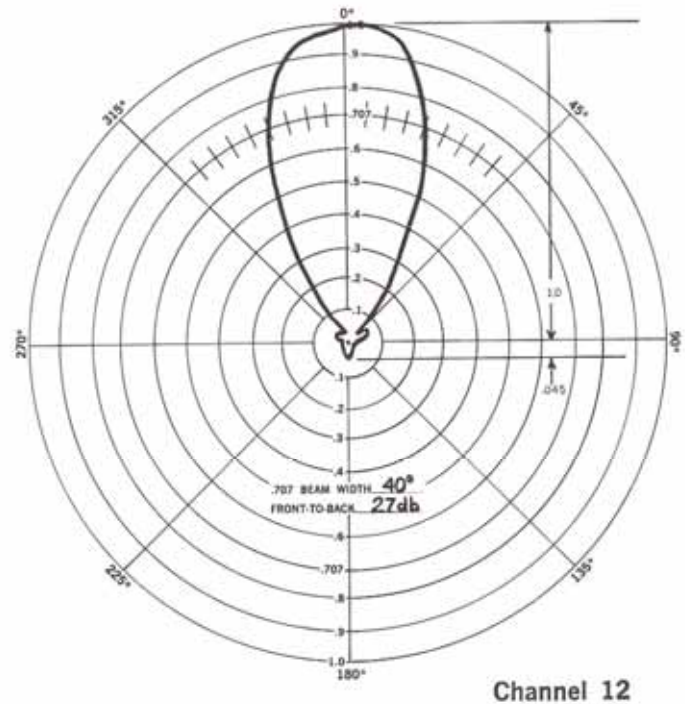
FRONT-TO-BACK RATIO

The ability of an antenna to reject unwanted signals from the rear determines to a large degree how well it will operate in areas where co-channel interference is a problem. The multiple driven elements of the CH yagis virtually eliminate signals from the rear - cleans up co-channel interference problems.

Polar chart shows front and rear reception lobes of typical CH antenna. Difference in maximum values expressed in dB is front-to-back ratio.

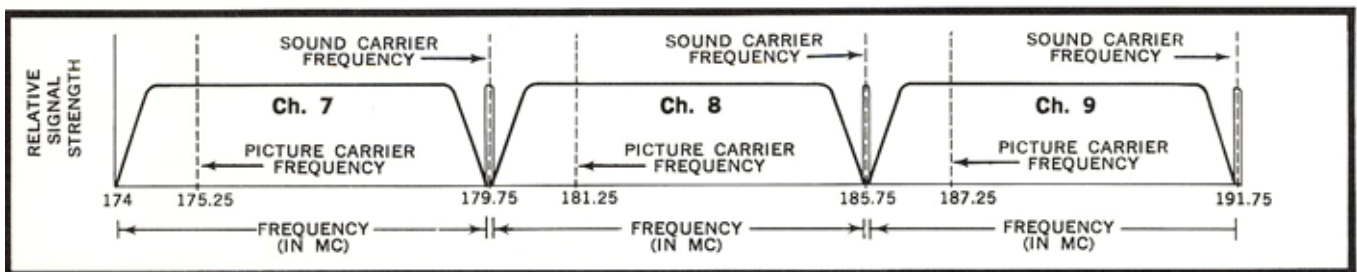
The polar chart is also a graphic representation of the front-to-back ratio of an antenna. By measuring the reception lobes at 0° and 180° we can assign a number of db to represent the ratio between signal received at the front and rear of the antenna.

EXAMPLE: A front-to-back ratio of 40db would indicate that a given antenna producing 1000 microvolts of signal when pointed at the station would produce only 10 microvolts when rotated 180°.



Front-to-Back Ratio (db)

Channel Number	2	3	4	5	6	7	8	9	10	11	12	13
Horizontal Plane	27db	27db	30db	29db	30db	33db	34db	35db	35db	36db	27db	25db



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email address _____

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Make your checks/money orders payable to: WTFDA

And *thanks* for your support of the WTFDA!

Return this form with your dues or make a copy of it and return that.

EASTERN TV DX CONTINUES FROM PAGE 24

Glen Hauser's report continues: I was able to uncover bits of classical music on 89.7, at 2319 UT by carefully nulling local KJTH. This was very likely WCPE also in Raleigh NC, which is also relayed overnight by several stations including KCSC 90.1 in OK. Prairie Home Companion was poking thru various other DX spots in the non-com dial.

On 93.9 at 2322 UT, ``The new 93-9, Kiss-FM``; YL promo saying it's ``mostly upbeat --- listen for an hour and see how you feel``. Sorry, it won't likely stay in that long even if I wanted to park on the frequency. Geez, yet another ``Kiss``, how unimaginative, and except for one station somewhere, cannot possibly be a legal call. What do you know, that also Googles to Raleigh-Durham, with a website looking suspiciously like 105.1, but where will we find the legal calls? Not on the homepage <http://www.939kissfm.com/main.html> but on the station info page, admits it's really WKSL-FM.

Then at 2331 UT, on 96.5, RDS as ``CLASSIC / HITS / 96.5 FM`` often sticking on one of those fields due to fading, rather than switching or scrolling. 2333 audibly said ``18 classic hits in a row, 96-5, The Drive``, and RDS with song info, Miller B & Rock'n Me. Googling the RDS slogan points on 96.5 to Milwaukee, or Asheville NC, WOXL. But what about ``The Drive``? Googling that points to WFLB Fayetteville NC: <http://www.oldies965.com/> As in golf, or conducting a vehicle?

At 2336 UT on 97.3, had ``Coast 97 point 3`` audible ID, 2337 ad for James Sprunt Community College, Wilmington NC address. Then unexpected off-hour ID as ``WMNX, Wilmington . . . a Cumulus station . . . a better job is just a click away`` from their website, which is <http://www.coast973.com/>. Also had mariachi music briefly at 2323 UT on 94.5, evidently not from NC. 73, Glenn Hauser

Amphibians weigh in on
Digital Television.



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

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