



# DXS NEWS

the magazine of the  
National Radio Club

— SINCE 1933 —

Volume 45, Number 23 Saturday, April 1, 1978

## STATIC FROM HQ

Late word has been received that Congress approved a bill requiring that no FCC AM decision would be final without National Radio Club approval. Unfortunately, President Carter vetoed the bill saying that one N.R.C. in the District of Columbia is enough. We feel it necessary to clarify other important issues. The Domestic Log is NOT for finding household servants, and Terminator Mechanics is NOT the science of figuring when the guy working on your car will pass-on. TM has something to do with radio, we think.

If Ella Fitzgerald married Darth Vader, she'd become-----Ella Vader.

Rumor has it that the AC wall current at CKSW-570 is 990 cycles per second. Boy, that's what I'd call "Swift Current"!!!!

If you ever get gored by an elephant and can't get the tusks out you have to go to Alabama. After all, the tusks are looser in Alabama.

The National Radio Club is proud to announce the winner of a new award. Congratulations to Paul Mount for his "Directions to the Teaneck, New Jersey DX Get-Together". Well done, Paul.

*Ted.*

## CPC Test Schedules:

- Friday, April 26 WHAS-840 Louisville. Will use 50,000 watts and will program Swahili music from pre-1927 era. Newscasts will be in Greek with weather forecasts in Serbo-Croatian. Prepaid calls will not be accepted. Veries to: Who R.U. Kidding, Chief Custodian, WHAS, Louisville.
- Tuesday, May 11 XERF-1570 (Somewhere in Texas, we think!) Test will include rock music and news. Sources say they will attempt to locate someone who speaks Spanish to do IDs! Send reports to: Don Juan, C/O Ray's Bar & Grille, 8th & Superior, East Peoria, Ill. (ZIP unknown, but the PO will lose most reports anyway!)
- Saturday, May 25 WLS-890 Chicago. Will use new format of classical music and opera. Test will run for 17 minutes from 0002 to 0019. We are told this is because CE is afraid of anything starting on the hour--you know how rock stations are (that's news at 55!) Veries from: Chicago Ill, Chief Engineer, WLS Radio.

## THEY JOINED

Welcome to our newest members. Please Muse soon!

- R. Ora Borealis, North Pole, Alaska 99705  
P. Villa, c/o XERF, Ciudad Acuna, Mexico (mail to Del Rio, Texas 78840)  
Dan Myers, Portable, Ohio 43619 (re-joins)  
N. R. Say, P.O. Box 99, Cambridge, Mass. 02138  
Mrs. J.T. Davis, Hurricane Creek Route, Deer, Arkansas 72628

Mrs. Davis also asked for our program schedule and reported we were heard loud and clear on her Norelco SW set in the Ozark National Forest.



Quite logically, the original inventor, discoverer, theoretician, is generally "awarded" or "credited" with the event. Hence the "Gatling" gun, "Morse" code and "Murphy's Law". However, Murphy was just the first and hence the most famous. Submitted for your consideration are other critical observations made by other astute individuals who, in the course of their lives, have ferreted out some of nature's frustrating laws. However, endeavoring to reveal the more subtle "postulations" we should first re-state the basic premise first revealed by that great philosopher Edsel Murphy:

**MURPHY'S LAW:** "If something can go wrong, it will and when it does, it will happen to me".

**STARR'S LAW:** "Murphy was an optimist".

**COOPER'S LAW OF SYSTEM DYNAMICS:** "Once you open a can of worms, the only way to re-can them is to use a bigger can".

**EDMUNDS' OBSERVATION:** "As soon as you mention something.....  
....if it's good, it goes away  
....if it's bad, it happens."

**MUSCO'S MOTION LAW:** "The other line always moves faster".

**KARL FORTH'S LAW OF SELECTIVE GRAVITY:** "An object will fall so as to produce the most damage".

**KEMP'S COROLLARY:** "The chance of bread falling jelly-side-down is directly proportional to the cost of the carpet."

**MERRIMAN'S MESSAGE:** "When in doubt, mumble".

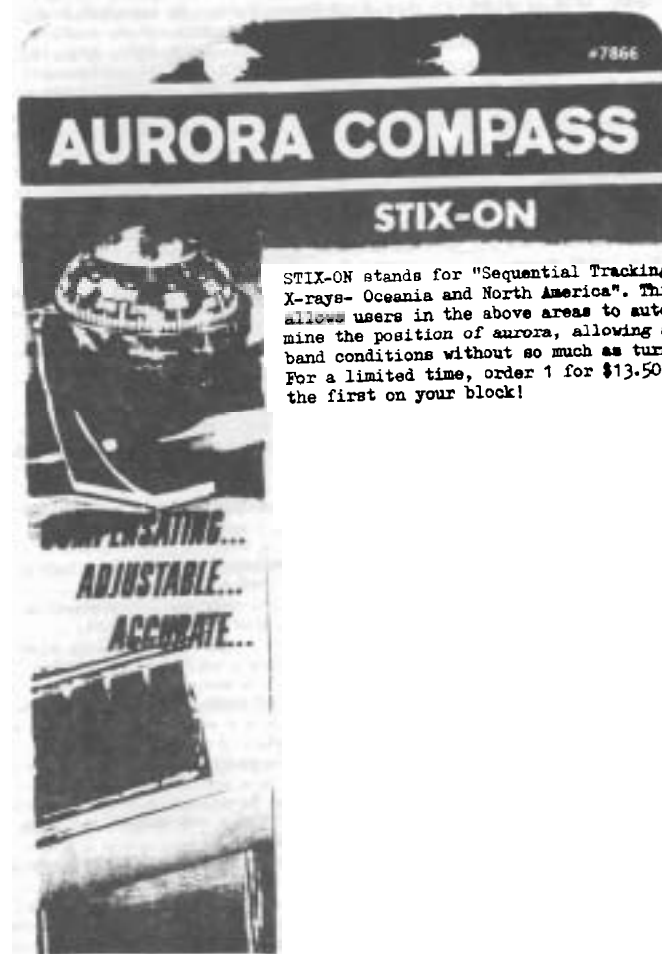
**FOXWORTH'S FIRST LAW:** "Inside every large problem is a small problem struggling to get out."

**SCHATZ' LAW ON PROJECT SCHEDULES:** "The first 90% of the task takes 90% of the time and the last 10% takes the other 90%."

**GHOTI'S RULE OF COMPONENT FAILURES:** "In any electronic device that has experienced component failure, the faulty component will be either the most expensive or least accessible."

**DAILEY'S DISTINCTION:** "There are two types of people: those who divide people into two types and those that don't."

**ALFREDO BEDOYA'S BRAINSTORM:** "If the facts don't conform to the theory, they must be ignored."



## DX-JUMBLE

BY: Frank Dailey

UNSCRAMBLE The Words and use Circled Letters for MYSTERY BLANK

NITCANNIC  
 VALNHASLI  
 HOCGIAC  
 PANILSIENMO  
 MYSTERY BLANK

CLUE  
 Nighttime U.S. Clear Channel (UN-DUPLICATED) CITIES.  
 ANSWERS APPEAR ELSEWHERE

[Grid of letters with some circled]

WHO MAKXS A CLUB A SUCCXS?

Xvxn my typxwritxr is an old modxl, it works quitx wxll xxcept for onx of thx kxyx. I havx wishxd many timxs that it workxd prfxctly. It is trux that thxrx arx forty-six kxys that function wxll nough, just onx kxy makxs all thx diffxrxncx.

Somxtimxs it sxxms to mx that thx NRC is somxwhat likx my typxwritxr -- not all thx kxys arx working proprly. You may say to yoursxlf "wxll, I am only onx pxrson, I won't makx or brxak thx Club," but it doxs makx a diffxrxncx, bxcaux thx Club nxxds thx activx participation of xvxy mxmbxr. So, thx nxxt timx you think you arx only onx pxrson, and that your xfforts arx not nxxdxd, rxmxbxr my typxwritxr and say to yoursxlf "I am a kxy pxrson in thx Club, and I am nxxdxd vxry much."

From Arnim Littxk

The funniest thing about this column is that it keeps coming back every year!

We take our ideas from anywhere and anyone - for example, we like the Jeds idea that recently reared its head in Hastings. Hence, we will give you a JE Jeds with the blanks to be filled in by the last name of an American President! You should be able to get two out of eight.

This president has no less than three RCB stations named after him - WJED-1370, WJED-1400, and WJED-690. His name was Franklin D. \_\_\_\_\_

See how tough it is? Now try this one. \_\_\_\_\_ had the 1977 NRC Convention named after him, as well as a "well-known tunnel."

This one includes baseball as well. There are the \_\_\_\_\_ Indians, and they broadcast over WJED-1100 in a city of the same name. Oh oh oh! Put down that NRC Log! No cheating!

Now we'll give ya a toughie. There's a town without a radio station in New York, and one with a radio station in Arkansas, like \_\_\_\_\_burg, N.Y. & \_\_\_\_\_n, Arkansas.

Some presidents didn't seem to give a damn. This one did - there's the famous \_\_\_\_\_ Dam, as well as a famous vacuum cleaner named after him. You're allowed to miss this one, because it has nothing to do with radio!

How about a president to fit this? \_\_\_\_\_ State, \_\_\_\_\_ D.C., and George \_\_\_\_\_ Bridge? No, Don-don - it isn't President Hudson!

And, our last question, now - what president put Georgia on the map, and I don't mean the town of \_\_\_\_\_ville, Georgia, either. Hint: a guy by the same name made Little Liver Pills famous. O.K., NRCers! We press on.

To the one member who was able to get only one correct out of the eight, YOU'RE KICKED from the Club immediately!

Many stations ID by slogan more than by call letters. For example, old Radio Sean has a low-powered imitator, known, because it is so much smaller, as "Radio Duck."

It's on the same frequency, in fact, as "Radio Goose", in the Finger Lakes District.

Then, Out West, we picked up "Radio Don" - K-L-A-F-1

One ERer picked up "Radio Hamarlund" - H-Q-T-A-T-1

Then you can sometimes pick up Radio Constipe - when CI are tight.

How about the new one in Brazil - Radio Nut?

Come to find out what put Radio Jumbo-345 out of business - they had a new competitor come on in their area, with somewhat lower power, IDing as "Radio Fee Wee".

You can't hear them in the United States because they're on the same frequency as "Radio Polucion," Cuba.

Some stations like to ID without the "K" or "W" of their calls - like "Radio Credit Card - IOU"

We heard a station the other evening on 1290 IDing as "HarperValley, PTA."

But there was just too much interference from "Radio Peak-a-Boo" - IOU!

Is there any truth to the rumor that KING-1020 is buying WJED-1360? That would be interesting, if true - you'd have "Radio Ten-3" and "Radio You're Welcome!"

We have a member who is so stupid he thinks Sauserieo Loop is a district of downtown Naples.

He's pretty stupid, you'll have to admit. In fact, in a battle of wits, he'd go in unarmed.

If you know any Greek ERers, recommend to them they buy a box of Saus. They claim to take Grease out of the way!

Want to log some French Canallons? Why not consider buying an FRO-7 (Frog)? Their slogan is: Get a Canadia on your radio!"

And, after a NRC pause for changing pages, we will continue with this. This is WWV, AM & FM.

Well, addaya know? We weren't quite to the bottom of the page yet! Can you imagine a typ er operated b, a typewronger? You've got it, kids!

Oh, - they're ally nderful. And we hope all you NRC kids are enjoying your Jventade.

with a girl DJ during the wee hours, no wonder WJED-1320 has such a "broad" signal! But, what's JTR's excuse?

A coastal station we know plays "soft rock" - is that similar to hard sand?

As one Chief Engineer of a station on the Louisiana Delta said to another Chief Engineer from another station on the Louisiana Delta, "How's Bayout?"

Is the transmitter of WJED-1400, Detroit, said to the transmitter of WJED-1500, Detroit, "Hi, Frequency!" And came the reply, "Lo, Power!"

We logged W-CON-1290 the other morning on r/o with an utterly ridiculous signal!

In NRC, we naturally have some members who are interested also in TV DX. One of our Telly affectionados recently picked up an off-frequency Colombian TV station on Channel 3!!

But, how about C-HAT-TV on Channel Six and Seven-Eights?

Isn't it odd that South America's Navy Day comes at Christmas Time? Well, it must - we heard an awful lot of SS stations saying "Falls Navy Day!" on Christmas morning!

It's great to feel the temperature beginning to warm up. Ah yes, 'tis April in Paris, and Springtime in the Rockies - and Friday in Louisville.

But it seems like only yesterday when we were listening to the Christmas Carols, like the ERers' favorite one, "It Came Upon the Midnight - Clear!"

Whether he Delays on WJOT or on WJED-FM, or whether he does his famous vocal act at an NRC Convention, our Jerry is always a Starr.

We have another member who raises pedigreed dogs (Er,ry Helas). Right now, he's working on producing some flying machines - He's crossing a Bird Dog with a Sky Terrier!

Who's NRC's best-dressed member? How about Eric, the Ball of the Boulevard?

And then there's the uniformed Northern ERer who thinks Hus Grass is something to smoke!

ERer Walt Breville, St. Louis, is moving his DX site out into the hinterlands where he is going to erect a Mickey Finn antenna - a loaded beverage!

Another guy is bragging about his box loop - We are wondering when he's going to take it out of the box!

Did you hear about the Teen-age DJ who went to Elsoo Tech?

We want to congratulate one of our members who recently became a 32nd degree Mason. That's Zero, Celsius.

But seriously, have you noticed how much colder it is now that they're using Celsius?

It's beginning to look as though we're giving our country back to England, what with the institution of Celsius temperatures, the metric system, and a new reduced rate airlines between London and New York. Pretty soon we'll be driving cars with the steering wheel on the right! And the familiar "Keep to the Right" will become "Bring to the left!"

Oh well, cheer up - pretty soon it will be Spring on Cape Cod. Last year it was on a Monday.

We had one member arrested recently for trying to put up a beverage antenna in a dry county!

Everybody who has one of these beverage antennas seems to have a varic from WJED-940!

No names, please, but we know a ERer in Colorado who missed a night's DX because of his "ooky Mountain High."

And for those ERers too young to handle a beverage, they've come out with a marijuana antenna!

One of our female members accidentally made a startling discovery. She got some of her vanishing cream on her radio dial, and immediately, 1400 kHz became a clear channel!

And tell us, chus - what is a barefoot signal? That's easy! One with no sock!

We have a new member, a gardener by trade, Moe De Lawn, a very high class gentleman. In fact, he's so hoity he'll never see toity again.

He's even too high-toned to listen to a 400 cycle frequency check.

I knew I'd had too much to drink when I thought I heard Anita Bryant singing "Franky & Johnny were Sweethearts."



On another bad night - I think it was New Year's morning - I thought I heard the same Anita B. doing a commercial for Ben Gay.

And - FLASH! - Anita Bryant has just bought WFAG-1250! (Note title of this column)

Back when we started the "Honored State" idea in Musings, we paid homage first to Michigan, & several of them referred to themselves as Michiganders. What do they call a wife in Michigan, pray tell, a Michigoose?

Remember Yagi the DX Bear - he'll sleep till noon, but before it's dark, he'll have every Travellers Information Station (heard) in Yellowstone Park.

Don't believe it's near by when JOHN KROMKA says a station is just down the road - a check of the map shows that his street, U. S. Route 202, runs from Bangor, Maine, to Wilmington, Delaware! (You may credit, or blame, as you choose, these last two to PAUL MOUNT.)

We heard a TA on 1223 kHz the other morning reading the news from the Near East. We knew right away it was Sweden when they mentioned "Yah Shure Arafat!"

Then there was the DXer (in New York?) who claimed a logging of Muscat and Oman-1240 the other morning. He said it had to be they for he heard their National Anthem, "The Muscat Reamble."

Yes, that frequency is like teen-age pimples - you never know when it will clear up.

We were reading some time back in DX Merrimac that B.A.R.F. was having a get-together in the City Library. Imagine a flock of DXers in one place and having to whisper every thing!

At the 1977 LINCOLN Convention, NRC received a plaque signed by Governor Egan of Nebraska, declaring him an Admiral in the Nebraska Navy. Since he is the Editor of "Musings of the Members" which always appears in the back of each issue of DX NEWS, does that make him a Rear Admiral? Whatever, he's a one-star Admiral - with only Jerry.

It was our lot to be invited to a disco party the other night. Now, with music like that, it was a pleasure to get back home and tune in a thousand-cycle tone!

One member in the Southwest reported hearing a station broadcasting in Creole. He knew it was Creole, because it was a ~~very~~ fancy language.

Some of our technical experts have told us that color TV sets make an awful lot of interference for the BCB DXers, but they didn't say what color!

About the tenth or so of December, you can tell Christmas is nigh when folks begin to get on their decorations. But we knew it even before that, when the cat comes in from the yard with Sandy Claws.

There was an old man from the city - who retired from the bank (what a pity!) - who thought it odd - when he moved to Cape Cod and turns out these columns so witty!

Oh well, at least we're half right, eh?

And so, a lot of water has gone under the Gate, and we take leave of you for another year. God (and the publishers) willing, we'll see you again in APRIL FUEL a year from now - same time, same publication, same baloney, same author. Things are tough all over, eh? Heck, even the chorus girls are kicking.

And now, it's 'So long from Provincetown', where the Verie Fairy REALLY IS!

FOOTBALL MEMORIES

CHAPTER LXXVII - DAN SORKIN AND HIS ARMY - by PETE KEMP

During the early 60's Dan Sorkin was busy campaigning over the airwaves at WCFL. His efforts to save Rose Blumel, the symbol of the little man everywhere, caused buttons bumper stickers & clubs to spring up. His listenership was devoted & always quick to respond. A.C. Nielson once crossed swords after stating statistically in a survey that his show had a very small audience & at times its size was non-existent. All this despite the fact that his show had been booked up three years ahead by advertisers. Sorkin seized upon this opportunity, & began referring to his listeners as Lamont Cranston, The Shadow and Topper. He advised them to write to A.C.Nielson to explain that they do indeed exist & listen to WCFL in the morning. After a blizzard of mail was received by the marketing research company, Sorkin decided that the final thrust would consist of listeners calling up Nielson & jamming the switchboard and providing them with over 600 sign-carrying boisterous demonstrators to parade around their building. A.C.N. finally threw in the towel. Dan Sorkin eventually moved on to KSFQ in San Francisco. In addition, if my memory serves me, he went on to become a driving force behind the enormously popular Chicken Man serial which played on many stations around the country. NEXT WEEK: FRANK WHEELER WILL RECALL SOME OF HIS EARLY EXPERIENCES FOR US.



**STATIC FROM HQ**

Ok, guys, this is the real thing--we do hope you enjoyed the annual April Fools edition, fools! On to serious business, we at headquarters sadly record the passing of Mrs. Elizabeth Cooper, mother of Musings Editor Ernie Cooper. Ernie reports that she passed away March 16 of congestive cardiac occlusion at age 87. In lieu of flowers, the family requests that donations be made in her name to the St. Mary of the Harbor Church Flood Fund, 519 Commercial Street, Provincetown, Mass. 02657--the church and organ received severe damage from this winter's floods and the money will be used for reconstruction--please state that the donation is in memory of Mrs. Cooper. Also, Ernie wishes to inform the membership that his mother's passing resulted in some Musings being held until the next issue. From Headquarters, we hope Ernie is getting along well and we express our deepest sympathy to him at this time.

**CPC TESTS**

Mon., April 10 WFHG-980 Bristol, Va. 0200-0400. Details still not received as of this date. Dave Schmidt, arranger of the test says that CE Joe Durham will verie all reports from test and other reports he received in the past very shortly, when new QSL cards are printed. Joe did tests for NRC from WQBX and WYVE a couple years back, so he's well-known to most NRCers!

A late word from Jim Hopkins...CE for WAMS test was sent in incorrectly, it should have been Bruce Schiller, not Ron Schiller, who is an NRCer! Jim also notes that this check with 5 Kw will be every month for a monitoring service!

**THEY JOINED**

Welcome to these new members--please Muse soon and introduce yourselves. Also, don't forget to report to the columns in DX News when you DX!

James Franks, 624 Mary Ann Drive, Huron, Ohio 44839.  
Jeff Lockwood, 3131 El Prado Blvd., Tampa, Fla. 33609.

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REMEMBER---THIS IS THE LAST WEEKLY DX NEWS OF THIS SEASON, BUT THE CLUB STILL NEEDS YOUR SUPPORT THROUGH THE SPRING AND SUMMER MONTHS. REPORT TO THE COLUMNS AND WRITE ABOUT VISITS TO STATIONS AND DX CONDITIONS AS YOU TRAVEL--AND TAKE YOUR MEMBERSHIP LIST ALONG AND STAY IN TOUCH WITH NRCers AS YOU GO!

**THE WORLD'S OLDEST AND LARGEST ALL MEDIUM-WAVE DX CLUB**

# DOMESTIC DX DIGEST

RAY ARRUDA  
47 BURT STREET  
ACUSHNET, MASS. 02743  
(617) 998-3958

Deadline is usually Saturday. One of our reporters suggested that I mention how long it takes letters from different areas of the country to arrive here. If you live just west of the Mississippi, great plains, Texas, Oklahoma, up to Iowa & Minnesota, mail no later than Tuesday PM to have a good chance of getting here for Saturday. Further west to California, Washington & Western Canada, mail on Monday to be on the safe side. East of the Mississippi, depending on how close you are to me, it takes 2 to 3 days, so by mailing on a Wed. or Thurs. morning, your tips should make it here in Saturday's mail. Mail even earlier, if there is bad weather throughout a large portion of the nation. Sometimes, pieces of mail get lost. A good example: Elliot Straus recently sent me some items from NJ. The postmark was on Thursday, but his letter didn't land in my box until Tuesday the following week! Normally it takes two days for mail to get here from NJ.

I didn't turn the receiver on for about ten days straight, but I'm glad a few of you did!

## DX TESTS

WCJW - TT only heard by PRM, WSKI  
WBKO - Not heard at various checks 3/13 by PRM

**WGIC-WBZI**

39 Xenia Ohio 45385

## FREQUENCY CHECKS

1st Mon. KNBI-1530 (JK)	2nd Fri. WAJF-1490 Not heard
1st Tue. KDMO-1490 Not heard. (RJE)	2nd Sat. WXIV-1450 by (RJE)
KBIX-1490 Not heard. (RJE)	3rd Mon. WBSQ-1450 (JK)
1st Sat. WBSB-960 (JK)	WVNS-1240 (JK)
WATG-900 (JK)	3rd Tue. WAHT-1510 (JK)
WFRT-960 (JK)	3rd Fri. WODL-1440 (JK)
WDOG-1310 (JK)	WRDI-1580 (JK)
WMOV-1360 (JK)	WERA-1590 (JK)
WVLE-1460 (JK)	4th Mon. WJUH-1470 (JK)
WBPO-1470 (JK)	4th Tue. WQTE-1310 (JK)
WKKO-1500 (JK)	WPTH-1450 (JK)
WIRV-1550 (JK)	4th Wed. WASH-1420 (JK)
WSWV-1570 (JK)	KLPI-1560 (JK)
2nd Mon. WXTT-1600 (PRM)	
2nd Tue. WDMT-1190 (WSKI) Many IDs	
WREK-1450 (WSKI) Many IDs	
2nd Wed. WIDG-940 (RA) A permanent change, per GE.	
WBOW-1230 Not heard. (RJE)	
2nd Thu. WBHB-1240 Not heard. (RJE)	

**WSAN**

Allentown Pa. 18105

All f/o items heard by JK are since the new Frequency Check List was published about 3 months ago.

Some helpful information from RJE....

1420 UNID Re Schmidt's 2/8 logging. Did WRGG-GA buy out WRGQ-107.3? If so, this would be likely. No applicable "Q" call type rr's in my '76 FM Atlas, new issue is just out tho. and has several of these funny IDs listed. (RJE)

1450 WMOO TN GHATTANOOGA - Likely Starr's UNID 2/8, TRN could sound like CRN & only 2 states have Sumner County's...TN & KS. Time & Net indicate this one. (RJE)

1550 UNID Poole's UNID 2/5 might be WRHO, whose owner is "Radio Centro" or maybe WCCZ's new owner is Central, don't know if new call change denoted ownership change as well. (RJE)



## SUNSET TO MIDNIGHT

580 WTTT WI LA GRASSE - 3/10 2148 super signal w/NEB game, I'd be willing to bet they forgot to cut power. (WSKI)

750 WFDX WV CLARKSBURG - 2/15 atop 1738 w/OAW, rare. (JK)

510 WONO MO HOOKEY MOUNT - 2/19 fade in w/WGT w/s/off 1800, fair. (JK)

850 WYDE AL BIRMINGHAM - 3/12 1847, good w/jk, into OAW. (PRM)

900 WRAS GA SAVANNAH - 2/23 very good sig. @ 1800 w/Rx. (JK)

WNOF FL OCALA - 2/23 w/WRAS way u/w OAW @ 1803. (JK)

910 WTOY VA ROANOKE - 2/27 finally nabbed @ 1749 w/ID. (JK)

1060 KTW PA PHILADELPHIA - 3/12 u/OJRF weak @ 1820 w/Rx. (DG)

1090 WBAL MD BALTIMORE - 3/12 strong w/Billy Graham, ID @ 2200. (DG)

1100 WWSB OH CLEVELAND - 3/12 good w/talk @ 2215 (DG)

1110 WBT NC CHARLOTTE - 3/12 very good w/Oldies @ 2230. (DG)

1120 KNOX MO ST. LOUIS - 3/12 fair w/BEL rx, Rx. @ 2300. (DG)

1140 WYVA VA RICHMOND - 3/12 fair w/Meet The Press @ 2320. (DG) (WSKI)

1310 WVKR MI DUNBARON - 3/10 2137 EL-WBID w/several IDs during spots.

WGLW WY WHITE SULPHUR SPRINGS - good on 2/21 w/1800 s/off. (JK)

1360 WWSB AL JASPER - IDing as 3WB like 3WD on 1240 NY w/fade in @ 1745, fair on 3/5. (JK)

WNAH TN NASHVILLE - 2/25 good w/s/off @ 1815. (JK)

1390 WADA MO SHELBY - 2/26 heard well with power cut @ 1745. (JK)

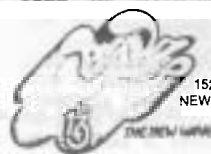
1410 WLAG GA ROME - 2/28 w/s/off @ 1830, poor u/WPOP. (JK)

1520 KLYI SD SIOUX FALLS - 3/6 to late s/off @ 1935, very strong. (DB)

1570 WTOP MD TOWSON - 3/12 good w/Sec. rx. 1811-1815 s/off, said tomorrow "...to begin a new day of praising the Lord." (PRM)

1600 WKEB DE DOVER - 3/1 heard weak u/WVEL probably w/5KV @ 1740. (JK)

WTKI MD ROCKVILLE - 3/5 1745 fade in w/T40, good. (JK)



152 TEMPLE STREET  
NEW HAVEN, CONN. 06510



WKTO AM 1320  
100 FORBES AVENUE  
PITTSBURGH, PA. 15222

## MIDNIGHT AT THE CASIS

540 WDAK GA COLUMBUS - 3/13 CRN s/off to O314, then WDAK good w/WT/rx, ID @ O314, seemed like 5KV. (DB)

640 KFI CA LOS ANGELES - 3/11 0222-0245, all to fair w/Rock, see "Super 64" promo, Cuban QRM. (PRM)

1070 WIBC IN INDIANAPOLIS - 3/13 0230 fair w/T40 & Religion. (DG)

1090 CKKW ON KITCHENER - 3/13 0200, poor after WBAL s/off w/WWSB splash, OAW rx. (DG)

1140 KBAK CA SACRAMENTO - 3/12 0400, weak & fading, 1st time here. (DB)

1150 CJRO ON OTTAWA - 3/13 excellent. w/FF version of Blue Bayou @ 0015. (DG)

OKOO ON HAMILTON - 3/13 poor w/ID @ 0025 u/OJRF w/T40. (DG)

ORNJ ND ST. JOHN - 3/13 fair w/heavy QSB, ID, T40 0030. (DG)

1160 KSL UT SALT LAKE CITY - 3/13 0100 fair w/Religion & ID. (DG)

1170 WYVA WY WHEELING - Very good 3/13 0115 w/Rx. & "Jamboree USA" (DG)

1180 WHAM NY ROCHESTER - Excellent. 3/13 0120 w/John Denver song. (DG)

What ever happened to The Best of All Possible Worlds with Harry Abrahams? (RA)

1190 CHTN PEI CHARLOTTETOWN - very good 3/13 w/"Luchenbach TX"..ID, into T40 0142-0146, WQWO off. (PRM)

1230 WTSV NH CLAREMONT - 3/8 0530 heard w/s/on annot. weak u/mess. (RJE)

WHUG NY LONDON - S/on w/SSB as listed 0545 3/8, o/u WPAS SSB same time. (RJE)

1240 WYND NY SCHENECTADY - still on w/3WD IDs 3/9 0350, change sked in log. (RJE)

UNID -- 3/9 0310 ID as "This is 1240 OOF"...neither WTON or WVOS skeds conform, and ID quite clear on tape. (RJE) (RJE)

WGVA NY GENEVA - still on 3/9 0315 w/MOR/SID, change sked in log.

1290 CFRW MB WINNIPEG - 3/7 0240, ID, good w/rr well atop mess. (DB)

3JBK ON LONDON - 3/13 0234 w/Rock, ID. (PRM)

1330 WFBO SC GREENVILLE - 3/13 0004-0006, good w/WBO Rx, local wx, then s/off w/ISSB. (PRM)



Storer Broadcasting Company  
7441 Second Blvd., Detroit, Mich. 48202

1340 KTOW OK SAND SPRINGS - 3/10 0347 w/ID/G&W, mentions of "Stereo 92"...in & out for sometime. Log sez 0100 s/off. (DB)

WIZE OH SPRINGFIELD - 3/6 0150 w/ad & ID, into mx, fair. (ERS)

1430 WBLR SC BATESBURG - 3/6 0108 ET/ID, nothing else noted. (ERS)

UNID -- CBS Mx 3/13 @ 0100 (parallel to WCBS), PSA 0105, end nx. 0106 then SSB, possibly talk after SSB instead of B4, 0107, all u/CKPH. (PRM) Could it be WENE, Paul? (MA)

1460 KSO IA DES MOINES - 3/13 wx. @ 0021, "32 degrees at KSO" taped, into G&W, faded about 0029. QRM from stn w/Cosell's Talk Show, new. (PRM)

CKRB PQ ST. GEORGES - de BRAUC - 3/14 good mostly o/WAXO/WOKO w/talk/tele-talk/MOR mx all in FF 2328-0003, mention of BB players. Faded @ ID time but came back @ 0002 w/ "Ici Radio Canada, le CKRB...." at which point tape ended. Instru. mx, then off @ 0003, new. (PRM) (RJE)

1490 WMPI MI MIDLAND - heard w/sx promo for Midland High BKB 3/7 0120.

WKIT WV CHARLESTON - 3/13 0232 in good for ID. (DB)

1520 WGOR OH TOLEDO - 3/6 0230 s/off u/WKBW 00. (ERS)

1580 KRZI TX WACO - 3/6 0308-0330 mixing w/KLOU @ 0319 ID & nx update. (ERS)

KDAY CA SANTA MONICA - 3/6 0400 s/off, no SSB noted, off for "regularly scheduled transmitter maintenance" weak. Noting their pattern, this seems unusual to make the trip, no? (ERS) They don't get up this way to often. Nice catch...I still need 'em! (RA)

1600 WUNR MA BROOKLINE - 3/13 talk-comedy 0154-0200 s/off of AM & FM, 3 stanzas of SSB, WAYC QRM. (PRM)

WAYC PA BEDFORD - 3/13 good o/u WUNR w/ET/TT/Rock, IDs @ 0156 & 0201. (PRM)

RADIO STATION WDMV  
P. O. BOX 210  
POCOMOKE CITY, MARYLAND 21851

Welcome to all new reporters. The following made this issue's column a reality.....

DB	Doug Beard, Springville, IA	Transoceanic
RJE	Russ Edmunds, Kinnelon, NJ	HQ-150, 4' AA FST Loop
DG	Dan Goodlett, Berlin, NH	RF-2200, SM2
JK	John Kromka, Montville, NJ	DX-160, LW
PRM	Paul Mount, Teaneck, NJ	TRF
ERS	Elliot R. Straus, Clark, NJ	R 390A, HQ-180, Altaz Loop
WRKI	Bob Wessolowski, Milwaukee, WI	Pabst & Philco
RA	Ray Arruda, Cosh Net, MA	SI-122, SMI

See you in two

WVNB 1750  
CBS RADIO

WVNB Stereo 94  
"BEAUTIFUL MUSIC IN STEREO"

BOX 712 • DAYTONA BEACH, FLORIDA 32017

MORE ON SUNRISE/SUNSET MAPS

Information on Alaska sign on/sign off times has heretofore been unavailable as part of the Sunrise/Sunset Maps information sheet. Mr. Ernest J. Wesolowski just recently obtained the information from the Chief Engineer of KRQD-750 kHz in Anchorage.

Alaska sign on and sign off times are (in ALASKAN STANDARD TIME):

January	9:00 A.M.	3:15 P.M.
February	7:45	4:45
March	6:15	6:00
April	4:45	7:15
May	3:15	8:45
June	2:15	9:45
July	2:45	9:15
August	4:00	8:00
September	5:30	6:30
October	6:45	4:45
November	8:00	3:30
December	9:15	2:45

Mr. Wesolowski also noted that Alaska does not use Daylight Saving Time.

# INTERNATIONAL DX DIGEST

Times are GMT. For ELT subtract 5 hours. Deadlines are usually Monday.

CHUCK HUTTON  
1035 LATHAM ROAD  
DECATUR, GA. 30033  
404-633-1198  
(BEFORE 2300 ELT)

No name again means Mark Connelly. . . .

529 ALGERIA Ain Beida poor w/man and woman in AA 0112 3/16. AA guitar mx //548 good at 0007 3/17. (Connelly)

540 NICARAGUA Managua YNOW atop w/SS talk, mostly about Nicaraguan affairs 0413 3/5.

548 ALGERIA Oran loud w/AA talk; possibly a radio drama, 0213 3/16. Like a local w/ AA style guitar or oud plucking 0006 3/17. Peistering CPNB 550 at times..

555 ST. KITTS Basseterre ZIZ good w/BBC nx 0206 3/15.

566 UNID Ireland possible w/fair OC, fades at regular intervals 0011 3/17.

570 CUBA Santa Clara CMHI in w/mess of others w/female SS vocal //600 and 640 0416 3/5.

575 USSR (which One?) playing mx of the 40's and 50's w/male annrc in RR from 1240-1248 3/12. (Wilkinson, also next item)

584 USSR Svobodnyy? htd w/slow salon type mx w/male anncts in RR 1248-1252 3/12.

600 CUBA San German CMKV clear and loud //570 and 640 0416 3/5.

602a UNID, could have been 603 I guess, garbled audio by YL 3/12 at 1404, could not pick out the lingo. (Vernon)

611 MOROCCO Sebaa-Aioun fair w/AA mx 0227 3/16. Loud w/up tempo male AA vocal and violins 0013 3/17.

630 CUBA Santa Clara CMHQ totally dominant o/WPRO, SS jazz-rock //640 0522 3/5.

640 CUBA La Habana CMQ clear o/other LA's 0416 3/5.

VENEZUELA YVQO 3/10 0427 w/several mentions of Puerto La Cruz and nice Ondas Portenas ID at 0459. No KFI in the Cuban null for a change. (Wessolowski)

655 NORTH KOREA R. Pyongyang outlet (not on 657 khz as shown in list on page 8 of 2-27 DXN) w/male anncts and march mx from 1253 to 1259 3/12. (Wilkinson) The list is for the 78 frequency plan that takes effect in November-CH

665 PORTUGAL/UNID Lisboa fair w/PP talk by man o/possible cl mx stn (porbably the German) 0014 3/17.

670 UNID 0345-0400 3/11, 2 weak carriers here. (Lankford)

CUBA San Pedro de Cacocum atop WMAQ w/jazz influenced group SS vocal //880 at 0440 3/5.

700 GUATEMALA TGRT 0230 2/21 w/"La Fabulosa" and R. Fabulosa ID;s. Vy loud, way o/WMAQ. Another SS under them. (Kitt)

JAPAN JOFB/JOKD Hiroshima/Kitami-don't know which one-vy loud from 1303-1307 on 3/12. (Wilkinson)

719 COLOMBIA Cali HJXC o/other LA's, WLW nulled; R. Sutatenza ID at 0517 3/5.

PORTUGAL Norte just o/noise w/man and woman in PP 2306 3/8. To good peaks w/PP phone in talk show, Tunisia behind w/occasional AA moaning 0009 3/11. Man in rapid fire PP very good 0017 3/17.

720 VENEZUELA/CUBA Porlamar YVOE loud, peaking SE, w/SS talk mentioning Margarita then clear R. Vision Oriente ID atop Colon CMGN (peaking SW) who had SS folk vocal mx, then talk; 0419 3/5.

730 COLOMBIA HJCU 0629 2/23 R. Melodia ID, then proceeded to give call letters and time. S-9. (Kitt)

MEXICO Mexico City XEX good w/"La Corona" cerveza ad, then possible soccer game w/"Mexicana" team and player named Weston. Signal peaked up towards SW, fortunately the null for CKAC and another LA, 0436 3/5.

737 SPAIN Barcelona poor w/SS talk 2343 3/8. Amazingly loud w/sogt guitar mx and SS vocal 0208 3/15. Loud w/punk rock records 0018 3/17.

745 SURINAM/COSTA RICA SRS Paramaraibo w/US soul song and TILX San Jose w/SS vocal sharing the channel; by proper orientation of the TRF either stn could be heard alone, when heard together a low growl resulted. 0418 3/5.

740 SOCIETY ISLANDS Papeete, Tahiti 3/5 0848+ EE RR mx, then 2 FF rr records before sig faded, no annrc or positive ID. Noted again at 0900 w/end of French anthem, very weak sig, no KCBS QRM! (Vernon)

755 Lisboa potent w/massive carrier, allowing flawless copy of its piano mx at low audio level 0020 3/17.

760 CHINA unknown, 3/12 1526 CC mx almost 100% sure was //1040 when checked, also checked a number of times to 1529 when sig faded. (Vernon)

COLOMBIA HJAJ Barranquilla 0601 2/23 way o/WJR w/"La Voz de Barranquilla" ID and song. (Kitt)

- 765a SENEGAL Dakar has seemingly drifted high; equal pitch hets noted from WABC and WJR on TRF, fair to good strength carrier modulated very weakly w/AA style moaning 2348 3/8. Medium Wave News for February mentioned 765 as a new freq for Dakar; maybe somebody with precision frequency measurement facilities can check this out to 10 Hz or better accuracy. The question is: is Dakar stable to within a few hertz of 765 (jumping the gun on the frequency plan changes) or is it just drifting about? (Connolly)
- 764.8 SENEGAL Dakar fair to good w/sing-song AA talk, a-capella male chanting 0005 3/11. Poor w/chanting 0022 3/17. (Connolly)
- 773 SPAIN Caceres good w/man in SS 0023 3/17.
- 775 COSTA RICA San Jose TIV good w/soft SS male vocal, R. Uno ID, then Jethro Tull song 0431 3/5.
- 780 CUBA Camaguey ~~ON~~ obliterating WBBM; soul song by Marvin Gaye, then SS talk w/ mentions of Cuba and Camaguey 0427 3/5.
- JAPAN NHK, man spoke in EE at 1315 3/12 "This is NHK, Radio Japan" then went into JJ. Strong signals until 1327. Three NHK stns on the freq. (Wilkinson)
- NEW ZEALAND 4YA Dunedin regular here of late, very steady sig, report to IDKX by Randy Tomer sounds like the National Program of NZ except for the pips b4 marine weather. (Vernon)
- 782 PORTUGAL Miramar poor w/talk 0002 3/11. Good w/man in PP, then cl mx 0024 3/17.
- 785 USSR Spaak Dalnii 3/12, believe this with flute mx in passing 1433. (Vernon)
- 790 NORTH KOREA unk 3/12, talk by YL noted briefly 1434. (Vernon)
- JAPAN various NHK 3/12, tuned back at 1400 to hear NHK pips and then Japan anthem (Vernon)
- 800 NETHERLANDS ANTILLES Bonaire PJB ~~killin~~ CKLW; EE dramatic presentation in well at 0441 on 3/5.
- 818 MOROCCO Rabat xint w/slow AA male vocal w/violins (resembling a funeral dirge); 827 seemed to be off 0234 3/16. Xint w/female chanting 0027 3/17.
- 820 COLOMBIA Cali HJED o/other LA's; Colombia nx 0512 3/5.
- 825 COSTA RICA San Jose TIOS fair w/LA NOK and Tiberias ID 0514 3/5.
- 827 MOROCCO/USID Casja was noted under a mysterious OC of unk origin (Libya perhaps) (the Moroccan had a-capella chant //818-there was also evidence of other stns w/at 0030 on 3/17.
- UNID AA mx o/u rough SAH 2330 3/8.
- 830 VENEZUELA San Antonio de Los Altos YVLT in w/monster signal, totally dominant, fast exciting LA vocal dance mx, R. Sensacion II, then festive LA group 0445 3/5.
- 834 BELIZE Belize City good w/disco rock 0446 3/5.
- 860 DOMINICAN REPUBLIC Santo Domingo HILLR good to xint o/CJBC OC: female soul style SS vocal then R. Clarin ID and man in SS 0535 3/5.
- 860 UNID 3/10 0240 thru 0255 (faded before 0300 match) SS pop mx with several R. Reforma ID's between selections, totally atop at 0240 but almost gone by 0255. (Wesolowski) It's HOL55, R. Reforma in Chitre-CH (Boy, do I read WITH wall)
- 872 SPAIN Zaragoza fair to good w/operatic male SS vocal o/SAH 0034 3/17.
- 880 CUBA Pinar del Rio CMAP noted w/SS vocal //670; CMAP mostly w/WCS 0440 3/5.
- 880 CHINA/JAPAN Shizuoka/Fuzhou 3/12 1158 talk ~~OM~~ OM, then YL just before NEK pips at 1200. Long China pips hrd quite clearly w/at 1200. (Vernon)
- 890 ALGERIA Algiers alone w/el mx, fair strength at 2359 3/10, followed by pips at 0000 3/11; then nx by man possibly in PP.
- 940 CHINA Hefei 3/12 1514+ talk by OM speaker at convention or the like sounded CC, tried 1040 but only //with 1250! (Vernon)
- 973 USSR Yuzho-Sakhalinsk 3/12 noted couple of times lately, 1507 w/RR pgm, beacons too strange to check //281. (Vernon)
- 1030 CHINA Peking/Yinkow 3/12 noted //760 and EZ to check //1040 at 1539. (Vernon)
- 1034 PORTUGAL Porto Alto occasionally in w/man in PP thru severe WBZ sloop 2343 3/16.
- 1040 CHINA Shanghai 3/12 various times 1525-1540 w/mostly mx, talk at times by YL. (Vernon)
- 1043 MOROCCO Sebba-Aioum xint w/jazz 2333 3/16..
- 1061 PORTUGAL Sorte good w/opera 0014 3/11. Soft violin cl mx poor to fair in CTRP/KTV sloop 2346 3/16.
- 1100 ANTIGUA St. John's 22K w/BEC nx from 0200 to 0210, real pgs to 0222 w/off. Interrupted 0214 to 0220 and after 0222 by "WAVE Cleveland, Ohio experiencing technical difficulties". (Pait)
- 1134 UNID 1250 3/10, vy weak carrier, perhaps Indonesia. (Lankford)
- 1190 JAPAN JOEP Kitami 3/12 1500 NA, then OM in JJ mentioned "J-O-E-P", in at local level and tape running! Regular here, and best surprisingly from Japan. (Vernon)
- 1196 MOROCCO Agadir good w/primitive sounding drumming and chanting 2350 3/16.
- 1214 GREAT BRITAIN BNC poor w/occasional bits of EE talk by man, badly slopped by WCAD pest 2351 3/16.
- 1250 CHINA unk 3/12 all alone, beautiful CC singing by YL 1055, OM 1059 then pips, all on tape St 1100. Noted again fair level 1524+. (Vernon)
- 1250 USSR/CHINA Vladivostok/ unk 3/6, trying to ID for tape collection, 1055+ great choir mx in CC, faded at 1100, 5 long pips are heard and USSR PS ID w/this, so is probably China that booms in here, not the Soviet! Thankx to Nick Hall-Patch for tip, apologise for listing this as USSR. (Vernon)

- 1339 UNID LA suspected (Cuba?) as source of ripping het and garbled audio pester-ing 1340 domestics 0506 3/5.
- 1375 ST. PIERRE ET MIQUELON R. France good w/el mx 2334 3/10.
- 1376 UNID 1212 3/13 weak carrier, perhaps Iman or Vladivostok. (Lankford)
- 1385 UNID's pack of carriers yielding fluttery SAH pattern 2356 3/16.
- UNID 1230-1300 3/13, soft mx noted here on several tune-bys, likely Phoenix Islands. (Lankford)
- 1394 ALBANIA Tirana and unid, definite SAH on Albania; audio garbled by domestic sloop 2333 3/10.
- 1466 MONACO Monte Carlo, rlgx mx weak to fair w/very erratic flutter fading 2339 3/8. Good but fadey: male vocal in unk lang, organ accompaniment noted at 2329, Monte Carlo II at 2330 followed by Israeli sounding folk mx 3/10.
- 1475 MALAYSIA Sabah 1145-1230 3/13, powerful sig, YL talker w/EE pop songs, time pips at 1200 followed by male talker. This sig was so strong that it should have been heard in the central US. (Lankford) Rarely makes it east of the Rockies for some reason-CH
- 1525 UNIS 1235 3/13 weak carrier, perhaps USSR. (Lankford)
- 1526a UNID soft mx, badly slopped by WKBW-Costa Rica perhaps? 0208 3/16. (Connolly) Nope, the ~~WKBW~~ R. Neiba from 1580, been here for almost a year-CH
- 1529 VATICAN CITY R. Vatican strong (better than WCKY) w/choral mx resembling parts of Handel's Messiah; some WPTX sloop 2344 3/10.
- 1555 CAYMAN ISLANDS R. Cayman loud w/Elvis 0213 3/15.
- 1560 CUBA Cardenas ~~CH~~ R. Reloj good w/usual SS nx and time checks, atop ~~WKBW~~ unid clw stn, WKBW off 0609 3/12.
- 1565.4 PANAMA BOK75 R. Once, Colon fair/poor at 0407 3/20 w/ID, w/off, and SA. Listed on 1570 w/100 watt! FMing carrier. (Hutton)
- 1586 WEST GERMANY Langenberg to good peaks w/male operatic vocal, then man in GG 0210 3/16. Most common TA's were audible at the time, but most had above-average domestic sloop. Fair w/flutter fading; man in GG hrd 0004 3/17.

I'm tired, it's late, so goodbye without further ado . . .  
The good guys-

Mark Connolly	Arlington, Mass.	H3904, TRF, SMC
Bill Pait	Willoughby, Ohio	EE160, 100' LW
Jeff Klitt	Sewho Rapids, Ia.	EE160, 85' LW
Chuck Hutton	Decatur, Ga.	H3904, 1900' phased Beverage
Dallas Lankford	Santa Monica, Ca.	H2180A, loop
Brian Vernon	Elma, Yukon Terr.	EE160, 1200', 1300', 300' Beverages
Bob Wesolowski	Milwaukee, Wis.	Philos, loop
Hank Wilkinson	Santa Rosa, Ca.	SP500, H2180A, Sasserino loop

## Canada's All-News Radio Network

Saskatoon Looks To Be Next On List  
Of A Looming 12-Station Spread

By BRUCE PEACOCK

Saskatoon, Sask., Feb. 28  
Saskatoon is next on the list for an all-news radio station if a 12-station network launched last year proves successful.

The Canada All-News Radio Network was started almost from scratch in 1977 and now broadcasts in Ottawa, Montreal, London, Ont., Toronto and Calgary. Stations in Regina and Winnipeg are scheduled to begin broadcasting this summer, and plans are to have all 12 stations on the air by early next year.

The network is part of the communications division of Agra Industries Ltd., of Saskatoon, which holds a 45% interest in the venture.

Ben Torchinsky of Toronto, Agra president and chairman, said he hopes the network will continue to expand after completion of the initial setup, which also includes stations in Vancouver, Edmonton, Halifax, Saint John, N.B., and St. John's, Nfld. Saskatoon is the next city the network hopes to include, he said.

Agra's communications group of companies, which includes six cable systems, showed improved per-

formance for the eighth consecutive year in 1977, increasing its after-tax earnings to \$425,587 from \$388,361.

Cable & Agra As Backbone

Cable television and Agra's share of the all-news network should be the backbone of the group. Agra's annual report to shareholders says:

Torchinsky said all-news radio stations have been operating in the United States with mixed success for some years, but the idea of a national commercial network is new in Canada.

The venture was launched with the purchase of a Montreal AM station, but the other 11 cities will be served by new FM stations.

Ottawa feeds national and international news and sports into the national line, leaving time for individual stations to broadcast local content, Torchinsky said. The cycle of news, sports and weather is updated and repeated every 30 minutes.

Torchinsky said the network plans to sign up associate stations which will carry portions of the national service.

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ADDITIONAL TIPS ON MODIFYING THE REALISTIC  
"TRF" FOR 10 KHZ READ-OUT

Gerry Thomas (IRCA) & Charlie Barfield (NRC, IRCA)

Since writing the article on re-calibrating the TRF, the experience of modifying additional TRF's, questions from members, and recently discovered procedural alternatives warrant a brief follow-up of the procedure.

Pen--The original article was written with utmost frequency resolution in mind. That is, we felt that if split frequency resolution were desired, read-out should be limited by one's ability to estimate physical distances, not by wide, ambiguous frequency marks. To this end, we recommend that a .1mm drafting pen be used. Even less critical resolution (i.e. domestic DXing) required a very narrow line width like that obtainable with a drafting pen. Unfortunately, the cost of this type of pen (about \$10) was somewhat prohibitive. Since the original article was written we've continued searching for a less expensive alternative. Happily, Fair recently began marketing an "ultra fine" tipped pen (\$.69) which does produce acceptable results. If used with a minimum of pressure on the point, this pen will produce lines with widths in the .3mm-.5mm range, which is adequate for TRF re-calibration. The Flair's ink, however, is not permanent (i.e. it runs when exposed to moisture) and the lines are not as cleanly drawn as with the drafting pen, but these drawbacks can be countered. First of all, to protect the new scale from moisture, apply a transparent, dry transfer tinting screen. Ideal for this purpose are those made by Zip-a-tone (\$1.50/sheet at art, hobby, and drafting supply stores). These tints are available in dozens of colors and densities but we've found that "cool grey" (#2702) and "yellow green" (#2663) are among those most suitable for dial scale applications. Using a tinting screen also allows the use of readily available (even at most drugstores) white stock poster board since the tinting very effectively eliminates glare. Choose a low porosity, semi-gloss poster board (not an art mat board) to reduce the feathering of lines caused by the Flair's lower viscosity ink. Using the preceding procedure, results will be favorably comparable to those attained with the more expensive drafting pen.

Removing the dial face plate--On some TRF's the face plate has been removed with simply a firm nudge. On others it has been necessary to add a measure of grunting, swearing, and a teeth-gritting commitment not to be out-done by a piece of plastic and a glob of glue. Following is the detailed procedure we've found to be most effective in removing the face plate:

Lay the front of the TRF on a book or table top such that the tuning knob overhangs the surface and the face plate frame is flush against the surface. With an unsharpened pencil, the blunt end of which has been wrapped with a handkerchief, a firm downward push to the face plate with the eraser end will rupture (only) the glue. If necessary, after freeing one end of the face plate, take something akin to a popsicle stick and with it wedged under the face plate, slide it along the edges, releasing the remainder of the glue.

Re-calibration--(A) The "refined" re-calibration procedure which involved using the stock pointer as a straight-edge but was untested at the time the original article was written has now been tested and it works beautifully (maintain a constant pen angle for optimum accuracy!). (B) It should go without saying that the TRF should warm up for 20-30 minutes before re-calibrating even though the pre- and post-warm-up calibration error is usually very small.

Dial Pointer--The parallax error that occurs when using the ball-type pointer can be reduced to an absolute minimum simply by bending the ball tip slightly outward with wire cutters (pliers are too broad-nosed).

Face-Plate--To prevent a shadow from being cast on the dial scale by the new black border framing the scale "window", allow a 1/8" gap above the top of the scale. In other words, shift the 3/4" masking tape slightly upward from the bottom stock black border before painting.

Tweaking--By all means, tweak your TRF. While all of the TRF's we've seen have been in the ball park alignment-wise, all could be improved by careful tweaking.

In conclusion, the re-calibration procedure is actually much simpler than it may seem. (Note, however, that some TRF's are easier to re-cali-

Continued from page 8

brate than others due to differences in selectivity and stability so you might want to put off removing the stock dial scale and pointer until the end just in case you want to return to the stock situation). With a little patience, you should be able to produce a neat (don't use the original article's photos as a standard...that was our very first, crude attempt), accurate scale. As always, questions or suggestions for improvement are welcome.

IRCA's to: Gerry Thomas  
2355 W. Michigan Ave.  
#460  
Pensacola, Florida 32506

NRCan's to: Charlie Barfield  
917 Fremont  
Pensacola, Florida  
32505

Editors Note: On three past occasions articles have run on the proper way to connect a receiver and tape recorder. It is apparent to us that the "right way" varies depending with personal point-of-view and experience and that, perhaps, there is no universal "right way". Rather than to continue printing articles offering other alternate methods of taping, the article below will conclude the discussion in article format. Members wishing to make additional comments may, of course, include those comments in their Musings.

"TAPE INTERCONNECT - THE RIGHT WAY" REVISITED

Thomas R. Sundstrom, W2XQ

I totally disagree with the recent comments of (John D.) Bowker and (Don) Davis re fitting a tape recorder to a receiver. The methods suggested are time-consuming and cumbersome.

Only one mounting hole for a single-hole mounting RCA phono jack need be mounted on the rear apron of the receiver chassis.

Tie the center conductor of a light-weight shielded cable between the jack and the hot "side" of the volume control connected to the detector circuit. The shield should not be connected between the end lug of the volume control that is grounded and the ground lug supplied with the phono jack. Route the cable away from heat sources and power supply components.

Properly connected, the setting of the volume control will have no effect on the audio level fed out the jack (if it varies with the volume setting the center conductor may have been connected to the volume control's wiper arm controlling the audio level to the audio amplifier). In a very, very few cases certain tape recorders may load down (decrease the volume of) a receiver's audio, but this does not affect receiver performance. Just turn the receiver up some more if you are listening at the same time you are taping.

For more information, see Elementary Electronics for March/April 1975 ("Tape Down Tough DX") or the 1976 World Radio TV Handbook's How To Listen to the World section ("Tips on Tapes"); I included specific instructions and photographs for the wary reader.



AM 1510 10,000 WATTS  
FM Stereo 101 50,000 WATTS  
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M.C. 4H3



546 Christie Street North, Scarboro, N7T 5M5, Ontario



BOX 1600, SIMCOE ONTARIO

From Andrew Rugg

The opinions expressed in this column are those of the individual members, and do not necessarily reflect those of the editors, publishers or NRC.

Periodically, the question of the meanings of station call letters is raised in the DX bulletins. To this author's knowledge, the only published material dealing with this subject was printed in IRCA's DX Monitor several years ago by Glenn Hauser. Glenn drew upon a list which he had solicited from members of both clubs back in the late 60's, a portion of which was published. In this country, probably 25 per cent or more of the calls have an easily-discerned significance.

The most obvious of these are geographical. The most common of them appear in a majority of domestic DX Contests, and are the only two stations whose call letters spell out the name of their city of license, WARE-1250-MA and WACO-1460-TX. The vast majority of these calls take some combination of the letters of the city of licence and/or the state abbreviation. To illustrate, we find below a listing of those calls which follow this pattern, along with their locations as found on page 144 of the NRC Domestic Log for 1450 kHz.:

KBFS - Belle Fourche, SD	WMVA - Martinsville, VA
KYNT - Yankton, SD	KCLX - Colfax, WA
WDSG - Dyersburg, TN	WPAR - Parkersburg, WV
WLAF - La Follette, TN	WCPR - Coama, PR
KSNY - Snyder, TX	
WFTR - Front Royal, VA	

On the same page, we can find other examples of geographically-significant call letters of a less obvious nature: WSNO in Barre, VT, which is a snow-belt area; WPOG (ex-WLPM) in Suffolk, VA, which is a very foggy area; and KVOW, Riverton, WY, whose call signifies the "Voice of Wyoming". Another example is illustrated by WRNJ-1000, Hackettstown, NJ, as "Radio New Jersey". The "V" or "VO" or "R" type of geographical calls are also not at all uncommon.

Further examples might be WICY-1490, Malone, NY, which is in the northernmost part of that state, where cold temperatures are a usual occurrence; WSMD-1560, LaPlata, MD, on the Western Shore of Maryland (MD) and WVOJ-1320, Jacksonville, FL, "The Voice of Jacksonville". Another example is the use of "-RV" such as in WIRV-1550, which although the IRV is the first three letters of the city of licence, Irvine, KY, can also signify "Irvine's Radio Voice". Still another example of another sort would be WNAV-1430, Annapolis, MD, the home of the U.S. Naval Academy.

Other sorts of significant calls require the use of a Broadcasting Yearbook to decipher inasmuch as they reflect the ownership of the station, such as WHTG-1410, Eatontown, NJ, owned by Mrs. Harry T. Gade or WLDB-1490 (now WUSS) in Atlantic City, NJ, which was then owned by Leroy and Dorothy Brenner.

One type of geographical call not mentioned above is featured by WLEJ-1560 in Ellijay, GA, which is phonetic representation of the city of licence in the letters "LEJ".

Many years back, stations had slogans for their calls, even when the calls were assigned more or less randomly by the FCC. This is not to say that some didn't request letters to fit a slogan. One which fits this description, although the origin is not certain is WFBL-1390 in Syracuse, NY, which, during the 1930's, used the slogan "When Feeling Blue, Listen". In the 1950's, stations often ran contests to give the station a slogan based on its call letters. WMCA-570 in New York was one such, where, solely on the basis of outrageousness, the disc jockeys declared that the winning entry was "White Mice Carry Anthrax", which is a true statement, by the way, anthrax being a disease.

It can be seen, then, that there are a large number of possibilities, which could account for significances in the call letters of us to 30 or 35 per cent of the U.S. stations, based upon a few random samplings of pages of the Log as calculated against the approximate number of U.S. AM stations. To try to list them all would be a tedious, and somewhat pointless task, save for satisfying ones curiosity, which, one might suspect, could account for why Glenn never completed such a project, though if that statement is in error, it will no doubt be corrected. This brief article is meant simply to touch upon the subject for those who may be interested.

KARL JETER - 2816 Frontier Trail N.E. - ATLANTA, GEORGIA - 20241

Greetings from the SOLID SOUTH! It's been a while since I checked in, so I wanted to be sure to get into the issue for Southern Musers. I have been incredibly busy with schoolwork in the last few weeks; the current term ends in mid-March with one more term after that, & a May graduation. I hope to do some traveling this Summer besides working on the Convention planning. There's a good chance I may spend a week or two in Barbados in July. Some interesting local radio news: WIIN-970 is presently off the air at this time, but is supposed to come back on Monday 3/13 as the new "96-Rock-A-L." This is because it has been taken over by the big progressive FM rocker, WKLS, better known as "96 Rock" (on 96.1 MHz). I'm not sure if they will be the same format as the FM (I hope they are progressive, not T-40) but I'm anxious to find out. One bit of irony: As "Madman" Bobby Harper is the morning man at 96-Rock, his show will be simulcast on WIIN; it was just about five or six years ago when he was the morning man there as well! I'm not sure if the call will change, though. Convention planning is going slowly; we will have our first TG this Saturday, 3/11. On 3/1, I was on 1530, w/JOCKY nulled, I heard the new KAWS in Hemphill, Tex. s/off @ 7:29pm. Fair signal, w/a femme announcer & SSB. 3/2, WFEA-1370 N.H. showed up again, poor w/WSPD/KFRO, but I heard WX & a 13-FEA promo @ 1:40am. That same AM, KSLX-1490 r/c per list was not ed, SID @ 2:03am & TT. Another good f/c was heard on 2/27, WOND-1400 per list also, w/ID @ 12:28am. February was a "verie" good month, hi, with 14 nesdes - nice v/1's received from WBR0-1310. NBS-590 & KVPI-1050. Most interesting verie from WAF-980, where the v/s asked about info on the NRC & IRCA. Is I mail a CPC Test? It's time to go - see you in ATLANTA in SEPTEMBER!

DON DAVIS - 107 Oakdale Avenue - Warner Robins, GEORGIA - 31093

Greetings from the wet South! Big news here is my logging of WFEA-1370 N.H. This makes state #38 for me. I have over 600 stations logged now, but none have been recorded on tape. My tape library now begins w/WFEA. QSLs will be sought as actively as ever though. Many thanks to JOHN BOWKER for his nice comments on "Tape Interconnect - the Right Way." John shows the right way that 99% of all radios are wired, including mine! I don't know why I drew it as I did; daydreaming, I guess? It was also good to see an updated 1570-1590 map, thanks to FRANK DALLEY. How about a map for 1590? I have logged 15 stations on 1590, 12 on 1580, & 11 on 1570. 1590 seems to be as productive, at least for me. One thing however, accidentally got carried over from the last map, the Alabama stations on 1570. The top dot in Alabama should be labeled WCRB, not WSSA. The center dot should be labeled WJBL, not WCRB, and the bottom dot should be deleted. It was nice to hear from GREG POOLE in the last issue. I'm going to have to start contributing to NRC, as well as IRCA. My articles on beacons & stations who verie are in the finishing stages, & will be out very soon. Thanks very much to all who contributed. I will write shortly, and thank everyone who contributed. Don't think I've forgotten you - I've just been swamped lately, as usual. 73s.

HANK HOLBROOK - 7211 Chestnut Street - Chevy Chase, MARYLAND - 20015

Brie has set March 20th as the date for the SOLID SOUTH. We may be below the Mason-Dixon Line but we DON'T have the Confederate Flag here at 7211 Chestnut! Quoting from the CBS News Almanac of 1977, Page 373 - "During the Civil War, Maryland was a sharply divided slave state that remained loyal to the Union----." Actually I think of Maryland as a Middle Atlantic Seaboard State. Our state bird is the Baltimore Oriole from which a FAMOUS baseball team is named! (Which team, Hank? -ERC - hi). The port of Baltimore is served by the Chesapeake Bay and our cottage at Fair Haven Vliffs overlooks this great body of water. The bay area is known as "The Land of Pleasant Living" and from our cottage some really g r e a t !!! has been noted. From Md. we have 163 TA stations & 49 TPs (including ten in New Zealand & 27 from Australia) QSLed in years gone by. During the War of 1812 Marylander Francis Scott Key wrote the Star-Spangled Banner. Maryland is the home of the Naval Academy. The first U.S. steam locomotive "Tom Thumb" was built in Baltimore & made its first run on the B & O tracks in 1830. The U.S. Frigate Constellation was launched at Baltimore in 1797. Again quoting from the CBS News Almanac - "Maryland has been called the 'America in Miniature' because, although small in area, it is uncommonly diverse & rich in history. Hills, valleys, rolling plains, swamps & plateaus are all found there, & contrasting life styles abound: from tobacco farmers in the southern part of the state to missile makers in the highly industrialized Baltimore area--". Also we have relatively mild winters & makes it a good location for my second hobby of bicycling where I have covered some 62,800 miles since July '70. However, we've been slowed by 22" of snow so far in 1978 (most unusual!) DXers wishing to add Maryland to their logs might glue their ears to 1090 for 50kw WBAL & those wishing the Nation's Capital might just tune in 1500, All-NX WTOP. Also on WTOP you might be treated to a Capitals Hockey NHL game (the losingest team in the league) & to Washington Bullets BKB. If you can hear W.M.A.L -630 you can be treated to the Maryland TERPS ACC BKB & to their FB team which has been in five consecutive bowl games. W.M.A.L also airs the Great Washin ton Redskins games, tops of the NFL, who will continue to roll even without George Allen! Well, I was going to include my latest DX fortunes which includes TESTs from WKM & WPUT but it looks as though we are running out of space. So much to write about in this REALLY GREAT AREA! 73.

MARK BAILEY - 1414 Braden Crescent - Norfolk, VIRGINIA - 23502  
 From Tidewater Land comes another Muse. DXing here since 12/31/77 has been pretty good. I'll give you some ideas: 12/31- WFTQ-1440 Mass. ex-WNCR. WENZ-1450 Va. in on HF 1/3. Other catches on that same MM: KXPR-1090 @ 1:35am (2,500+ miles), KEAK-1190 in @ 2:46. By the way, at 1:45am that morning came my official 1,000th catch in HJTI-1130. I'm getting close to ERC, aren't I? HJCA-1250 in alone @ 3:15am. 1/3- YVUZ-1200 in @ 7:17pm atop WQAI w/RR Tiempo\* IDs. HJHN-960 down under but readable w/some sort of sports competition. 1/5- WCPM-1280 Ky. in fair w/ET per list (f/cf) @ 1am. That same afternoon I went over to Radio Shack & bought you-know-what, yes, the TRF. This is a great, great RX for the price (\$29.95). My first catch on it was that same day in WZAC-1500 S.C. w/WTOP null'd. I was amazed at its ability to null another station like WTOP without any interference from local WVEC-1490. Still on 1/5, WFTV-1080 Fla. in w/s/off @ 6pm. 1/6- WWHO-1530 w/ET per list @ 12:01am. New call change logged on 1/7 in the form of WJRB-1430 Tenn. (ex-WZBO) @ 3:20am. One minute later I moved up three frequencies & bagged WRVK-1460, Ky. w/ET per list. 1/9- WSCQ-1440 N.Y. @ 12:15am w/ET per list, WIDU-1600 N.C. in @ 5:25pm w/s/off, WSHL-1500 N.C. (ex-WURL, ex-WKBY, ex-who-knows-what-else) in @ 5:20pm w/o WTOP. ZDK-1100 Antigua in @ 5:43 pm w/o sign of WZWS, so it must have been Auroral. Final catch on 1/9 was WMP-1580, Miss. in @ 6:15pm s/off, Miss. #3 on 1580. I'm trying for that quartet just like ERC's trying for the 1560 Ohio quartet, hi. YVKY-710, in like a ton of mashed potatoes o/WR w/RR. Capital\* IDs, this 1/10. 1/14- WGTN-1580 Fla. in @ 5:44pm w/s/off, then great catch in CBX-740 Alta. in @ 2:15am w/talk show. 1/16- WITF-1490 N.Ca. 1/17- WGRV-1580 N.J. in w/XX cancellations, must have been on late. WTLF-1340 Ga. w/ads, 7:18pm, this on 1/19. 1/22- KQMG-740 Tex. in @ 2:47am. WMEI-1110 Ill. in on 1/23 @ 5:35pm, no WBT. 1/24- WMMG-1520 S.C. 1/26- WGR-1570 Ala. w/s/off. 1/27- WGNB-1580 Ind. on late due to WX w/ID @ 8:26pm. 1/31- WASP-1130 Pa., WPUW-1130 S.C., WDDT-900 Miss. w/s/off. I started off February w/a bang in KJSK-900 Neb. w/s/off @ 6:45pm. 2/2, big snow hits Tidewater, 7% of the stuff forces cancellations, etc. So that 2/2, I celebrate w/a long-sought catch in WSEV-930 Tenn. @ 6:15pm s/off, NA played by the Sevierville High School Band, atop 930. 2/3, no school, so I celebrate even bigger w/KKAA-1560 S.D. @ 1:21am, WQXR off. 2/4- WRCQ-1420 Ga., ex-WZL, 2/5. 'Twas Auroral, so I logged HIAZ-1470 D.R., no WSN, of course. (Rest next issue -ERC)

KELLY ANDREWS - 7016 Montauk Drive - Richmond, VIRGINIA - 23225  
 Yes, sub, let me tell ya how honored I am that a Yankee Editor like ERC, & a group of Borderstaters like the LADS would invite a bunch of Rebels like us to Muse. As you might expect I'm sitting here on the veranda typing this & sipping my mint julep before going out to the lower 40 and check to see if the ice storm has damaged my LW string between the magnolias. But lest I get too far off the subject, allow me to share with y'all my latest loggings here at the plantation. 2/20- WJLG-1590 Albany, Ga. in @ 12:15am w/ID & then the Wabash Cannon Ball, I suspect a Test; WGGC-1260 Cleveland at their 1am s/off & very weak, down under slop on the channel; WPUT-1510-TEST was good from 2:02-2:18 w/mx & CIDs, no VIDs heard; folo by WDK-1390 Poughkeepsie, N.Y. testing w/T-40 from 2:22-2:30 at an excellent level; WGRS-1570 Millen, Ga. good w/r/c & IDs every 2-3 minutes but no TT heard. 2/26- KFAS-1110 Omaha made its first appearance in WBT's SP, poor signal & deep fades & QRX from CKJD, Sarnia, Ont. which was a new station for me, both in from 12:22-1:35am. 3/5- at an SSS session I had some luck with Tennessee: WSKT-1580 Knoxville was the only thing left @ 6:45pm for their s/off & then WJUD, now IDing as WCHU-1550 Saddy-Daisy, Tenn. leaving the air a little late @ 6:47pm with full details, pwner, office & KR location et al. Recent veries in from KRWN, KFAB, WGRS, WMPM, WQWR, WVEC & WVA. I'll be in Dallas on business 3/12-14 & hope to get up with RON SCHILLER. And now as the last chords of MIXIE fade down & under & the choir's voice drops to a whisper I bid you farewell until we meet in ATLANTA - look away, look away, Dixieland. 73.

D. DDD HYDER - 3600 Khayyam Avenue - Apt. #12 - Orlando, FLORIDA - 32807  
 This will be my very first Muse since joining the NRC a few years ago, so I'll start off with the standard intro. I'm 22 years young and am employed at WMPF W/PM in Titusville (near Cape Canaveral). I have previously worked at WJWV AM/PM in Orlando (the AM is now WAJL), WQPI in Bristol, Tenn. & a few carrier-current college operations. DXing CBC is my primary pastime (I used to be SW too) & I use a TRF w/a Dymek DA-3. Being confined to an apartment, I have to make the best of what I can using indoor aeriels. At the present time, I am modifying my TRF for the 10 kHz readout. Although I haven't completed it, the results so far are phenomenal! The modification is simple and easy, & if I can do it, ANYONE can. I had to settle for a white background, but the eyestrain factor is tolerable, so no sweat. For other members who also use white, go ahead and remove the "AM" & "KHZ" markings, as they do not show up on the white background. My next project is to build the big NRC loop AFTER I get every single part & I'm thoroughly familiar with what I'm doing. I've heard too many tales of loops that didn't turn out like some of the more professional-type jobs, so I can justify the wait. Does anyone know if a balun can be wound so that the antenna amplifier on the NRC loop can be hooked into an unbalanced receiver (e.g., the TRF)? I would appreciate hearing from any members who may have attempted this project. I know that there are other amps that are designed specifically for unbalanced loads, but I'd hoped to use the "beefier" amp. Up until now DXing for me has been something I haven't been able to do as much as I'd like, but by this Fall, I hope to become an NRC "regular". I also hope to be financially able to buy an old HQ-180A in good shape, as I see many top-notch DXers using. Best wishes, good DX to all. (Welcome to the Musing's section, Todd, & we all hope you'll keep that promise to become a regular in this section - but why wait till Fall? -ERC)

THE NEXT MUSINGS DEADLINE IS MONDAY, APRIL 17, FOLLOWED BY MON. MAY 1, THEN SATURDAY, MAY 27.

MIKE TRUAX - 3003 Gleeson Lane - Jeffersontown, KENTUCKY - 40299  
 It's time for a Muse for the big South issue from Derby City. The big issue here is that I finally broke the 1,000 logged level on the BCBI! That may not seem like much most of you but it's taken me almost exactly six years to get to that plateau. #1,000 was logged 2/20 - WKTY-580 Wis. @ 2:47am ID, temperature of 13 degrees & Tony Orlando mx. Other new catches of late: 1/26- On for the blizzard for WFO-900 Ohio, WBUK-1560 Mich., WMM-1540 Mich. & several others which I didn't ID. 2/5- KKYX-680 Tex. w/ID & mx @ 7:27pm all alone. 2/11- KSCJ-1360 Iowa w/ID, Al MX & pattern change @ 7pm. 2/18- KFRO-1370 Tex. w/ID & rr @ 12:25am from w/WSPD/300A combo. I leave the old HQ-180 on a channel for several hours while I do paper work & sometimes the unexpected slips through. Going back several issues, I for one encourage JERRY STARR to fill us in on how the old Conelrad system worked from his experiences with it back in the late 50's. Perhaps in one of ERC's Mothball Memories, eh Jerry? It appears the season is on the downside - indeed this season was not very spectacular, at least not whenever I was at the dials. Better luck next season! But I sure am ready for Spring, I just saw bare ground in my yard for the first time since 1/15. More, if and when it happens.

MICHAEL HEFFE - Box 7 - Houston, MISSISSIPPI - 38851  
 I guess the South is going to rise once again. In the 01' South issue of Musings I have at this date QSLs from KQHL, WBRQ, KOLY, WELV, KSEK, KXPD, KERR, WLT, KFTI\*, WHEY, WJWS, WSPU, KEAK, WKMA\*, KOKR\*, KYSL, WMAA, JCRV, WZOO, WALS, HAYL, KVRA\*, KSCJ, SLOW, WSEF, KPFL, WJAR\*, WLLI, WHTL, WBRU, WORE, WLEZ\*, WLSN, WMOZ, KSTP, KRRS, WZLW, WYOT\*, WDAY, WGRS, KFQQ, & CFRB. The underlined are graveyarders and the \* is TEST veries. I am just interested in who else in Mississippi Mused. I almost forgot WGS Maine, & WJLQ SLED. Wouldn't you know it, about the time I received a beacon on 530 Chuck would run an article in the IXXD on beacons. I got the NB beacon very strong from North Bay, Ont. I didn't know where or what it was. Did anybody else this far South pick it up? The beacon is just above the Costa Rica station. I was looking through some old DX NEWSes & what I found different. Most of the people who Mused then Muse now. I guess you can tell who has given the most support to the Club. Also I read Charles Zipser's first Muse. This week, I haven't had very much time to DX due to my working sked & other things around the house. This week I have two days off. I will probably answer letters & DX the shiny black knobs. I know one thing whenever you are under the weather the time goes by twice as slow. I have had the SPORTS & TROTS all week now. Late entry on QSLs are WJH Md. & WMD-1400 N.J. I have had the best year yet on the graveyarders.

MIKE TUGGLE - 909 Moores Mill Road - Bel Air, MARYLAND - 21014  
 For Maryland Muse here's a description of the area around here. Bel Air is situated in Harford County which is in NE Md. on the West shore of the Chesapeake Bay. It is bordered on the North by Pennsylvania. The countryside varies from rolling hills in the East to rolling hills (horse country) in the middle, to rugged, rocky terrain in the West. In March 1775, Harford drew up its own Declaration of Independence, a full year before the big one. John Walkes Booth was born here, but they don't play that up much. His brother, Edwin Booth, was an actor of some note, and the local playhouse is named for him. We are blessed with only three local stations, two of them daytimers: WMD-970 500w., WASH-1330 Sky D, & WDA-1520 250w D. This last one has been a nice clear-channel daytime catch for several New England DXers. Bel Air is far enough removed from the Baltimore metro area (20 miles) that only WBL-1090 remains a problem at nighttime. As a DX location, I'd say that this area is pretty good - not the greatest, since it lies along the Boston-Washington corridor with lots of 50k's beamed up and down it. I guess that's 'bout it. 73s.

JOHN ROUSE Jr. - 2703 Bartlett Lane - Bowie, MARYLAND - 20715  
 Hello everyone. I've received several new veries & here they are: WBSA, York, Pa. (card), WPGC Morningside, Md. (v/l, AM/PM Cts), WMAZ Macon, Ga. (huge v/q), WZZD Philly (v/l - when I wrote them their call letters were WJEG), WJAM Miami Beach, Fla. (v/l-CM), WFGC Fayetteville, N.C. (v/l), WCPG Houston, Miss. (v/l), WDET Gettysburg, Pa. (v/l) & WFLI Philly (card). In the Jan. 30 issue of DX NEWS my Musing was printed under the name of MIKE TUGGLE so if he is wondering what's going on, now you know. (Sorry about that, John & Mike -ERC) Recent loggings: CHML-900 Hamilton, Ont. w/Mor. WIDE-850 Birmingham, IDed as \*WIDE, Way Down in Dixie\* w/talk show about eyesight. WKIX-850 Raleigh, N.C. w/rr w/SIDs as \*Music Radio WKIX\*. I forgot to mention one verie, WSMO La Plata, Md. They sent my report back, signed. I am still waiting for ZNS-1 & WVEF to come back. Reports are out to ZNS-1, WVEF, WYDE, WKIX, WTDW, CHML, WSPD & WDDV. Well, that's all for now, 73s to all & good DX.

W. R. RETAYIK - 1408 Valencia Avenue - Holly Hill, FLORIDA - 32017  
 Some noise from ORN State! I wonder if all the noise here affected my hearing. I'm hopefully waiting for advice about better ears. Is eight ohm too low? My WPCS (?) report on 1250 kHz clearly stated "Pittsburgh". Mysteries, mysteries! Attention, J.C.: (Is HE a member!! -ERC) WNDL is "Sound of Daytona". Attention S. KEN:EWI: I re-awoke just in time to hear your last ID L&C, alone. 3/6- 2:43am ELT, 830 kHz, ?? ILLA! in SS, seemed election returns, mentioned "Democratic Christians", "R. Mundo", "Guatemala". Who? See what I mean about ears? 3:14am, CJRN-710, Canada. 1:40am, 869, this time L&C, "La Cadena Continental, Managua". 2/13, 3:58am, 860, XMO, Mexico, WJAR, C.P., (?? -ERC) CIDs heard here, last heard N.Y.C. (They're in Providence, R.I., W.R.I -ERC) "Eskimo" (me).

NEXT DEADLINE: APRIL 17th. PLEASE DON'T FORGET TO DOUBLE SPACE & USE A.M. & P.M., ELT.

STEPHEN FRANCIS - 1620 Lodge Street - Alcoa, TENNESSEE - 37701

Kudos to the FCC for their crackdown on Code IDs - this affront to their regulations has been going on far too long, spoiling the otherwise perfect record of compliance with experimental period rules observed by all other testing stations. Why, just imagine how CIDs must hamper the reception of 1-A clears for all those millions of listeners in white areas. I'm only amazed that a commission staffed by such knowledgeable people and radio-wise professionals as Robert E. Lee waited for as long as they did to implement this sweeping reform. 2/15- WMAF-1230 Fla. strong @ 6:05am w/SSB & s/on. SN 2/19- WTTX-1280 Va. fair @ 6 w/SSB & AM/FM s/on. MM 2/20- Umm WPUT-1510 TEST poor w/CIDs (naughty, naughty!); frequent dead air courtesy of black preacher on WLAC even allowed a couple of partial VIDs. MI 2/27- TIJC-675 wedding through domestics @ 12:50 w/R. Sonora IDs & poor-fair signal; KBEA-1480 Kan. topping WLSE @ 3:17 w/state NX during one-minute break from Jepko. 2/28- WMLC-1270 Miss. good @ 6:31pm w/local spot, ID, & NX. Eleven newies in February, first double-digit month I've managed since May. 3/7- WJET-1400 Pa. atop @ 3am w/r, contest promo & UPI NX. Umm WBEK-1560-TEST not heard either week. Other TESTS tried for, but no trace: KIME-740, KOMW-680, KBZY-1490, KRCC-690, KROW-1460 & WGMJ-1140. V/f from KUUL-1590 on KZOK letterhead for 11/76 report; note at the bottom said they'd just re-found my letter in a drawer of the ex-CE. If there are any other jazz fans out there, I trust you're as delighted as I with WHAM's new AM show. 73.

EDWARD R. COTTON - 4106 2nd Street - Chesapeake, VIRGINIA - 23324

I hope this makes it for the March 20th deadline for the "Solid South". Not too much DX for February & the first MM of March, but some goodies. MM 2/13- End of XR test by WBEK-1560 O. in fair, 2:07am. KLAZ-1250 Ark. for call letter change along with CHWO 1250 Ont. good signal. 2:16, CJRN-710 Ont. w/WOR off. MM 2/20- WPUT-1510 N.Y. TEST, only CIDs heard, with much from WLAC & splatter from WKBW. I called the station & gave CID times & was told I would receive a verif if I sent in a written report with info. I did, and nothing yet. I listened for KOMW TEST but nothing from them. I did get KXYX Tex. though, @ 3:10 w/c/w. Later that AM @ 4:34 I logged XEPRS-1090 B.C. Mexico w/c/w & promo for record album. MM-3/6 was the best MM for a while. First, about 1:55am, long, long wanted KLOU-1580 La. Don't ask why I haven't gotten this one before. 2:00, my third Californian logged, KNER-680 with good ID, "This is KNER, S.F.", and WRKO-680 Mass. with call-in talk show about drums. 3:35, WBBQ-560 Tenn. w/r on top occasionally. WXVI-1600 Ala. @ 3:55. These bring my log total to 531 and 22 stations confirmed. I am just trying to confirm all states now; only 20 states confirmed with 36 heard. I'm keeping my fingers crossed for KIRO TEST 3/20, for Washington State. 73s, good DX to all, from ERC #2. (Egad, men - another ERC! -ERC!)

DAN PHILLIPS - Route 1 - Box 476 - Jacksonville, ALABAMA - 36265

Since there are many new DXers I suppose an introduction is in order. I am 34 and have been an NRCer since October of 1958. During that time I have logged over 1,700 stations and have 574 verifications. I have heard 48 states and have 46 verified & it looks like it's going to be almost impossible to get the 50 verified. I have not logged a great deal of DX this year. Only two veries are in. One from WJAR and the other from KFJE. I note with interest the latest DX NEWS mention of the fact that the FCC doesn't like code IDs. Well, too bad. That has enabled me to log some good stations recently. The WJAR TEST would not have been possible without the code. It seems everywhere we turn there is something else happening which hurts the opportunity to log new stations on BCB. I want to thank all the hams who have checked into the NRC Net this year. In all, ten or more have done so at one time or another. And in spite of the fact that interference has often been horrible still there has been the thrill of talking to other NRCers about good catches, etc. One other item is I just received the new WRIN. I am looking forward to going through it. First one I have bought in 14 years, hi. I still enjoy DX NEWS every week whether I have logged any new stations or not. Musings continues to be my favorite part and also the nostalgia issue was tops. I wish we could find more history like that. I wish everyone the best of DX & I look forward to seeing you in ATLANTA. 73. (Me too, Dan - ATLANTA & Musings, hi -ERC)

DAVE SCHMIDT - 42 Chelwynne Road - Castle Hills - New Castle, DELAWARE - 19720

Here's my report for the "Solid South" issue of Musings. To DX: 2/11- WYVN-1550 9:48-10:01pm w/snow emergency stuff, w/a local-like signal here. I believe I missed that in my last report; I've heard them in the past & this is my first report to them. 2/20- Dual reports taken on 1260, WGGC noted w/OC, WENDE w/contact tele-yakker show, 1:13-1:27am, traces of WKKK w/c/w also there. 2/21- With local WILM off, a new report was taken on WEND-1460 3:53-4:07pm w/schmaltz mx, local-like signal. 1450 netted only WPPG/WOL. 3/40 WUEZ-1480 6:19-6:30pm w/piano mx, ABC SX, then s/off. With this one, I sent a f/up for my 3/13/76 report to WELU, their old calls, who never verified. Veries are at 932 with the following: WJOG-1490, WQCY-1190, 2-CEJZ-1110 w/day & night C's (thanks, Ron!) I received a letter from WGGC-1490 saying it wasn't they which I reported hearing on 2/14, so I'll have to rehash that tape and find out who it was. The letter mentioned they s/off at midnight. I had a nice conversation recently with Bruce Schiller, now CE at WAMS, in regards to the spurs, it turned out to be caused by a homebrew audio filter the past CS had built, causing a 65 kHz spur. The filter has since been taken out of the audio line. They are also now using a new Harris PIM XR. Bruce also mentioned he knows JIM HOPKINS, a neighbor of his. Here's something to think on while you're DXing away on one of those dull MMs: STAN MORSS doesn't use glasses! That's correct! He drinks his Dr. Pepper right from the bottle! Till next time, 73's.

YOU'VE HEARD IT SAID, "THE SOUTH WILL RISE AGAIN." IT LOOKS AS THOUGH INDEED IT HAS DONE SO!

HARRY HELMS - Box 331 - Fort Mill, SOUTH CAROLINA - 29715

I had to send in a ~~report~~ for the special "Dixie" issue, although I honestly have nothing to report. About the only BCB DXing lately has been tuning for the two Brooklyn pirates. I haven't heard from them in about a month and have no idea of whether they got busted or just decided to lay low for a while. Don't some of you NYC-area types wander around the 11214 Zip Code area, near 77th Street, w/a TRF when they're next on and see what you can find? I ~~was~~ to upgrade to Advanced in January and have enjoyed checking into the NRC Net and meeting Ross, Dan, Eric, Marc, Tom, among others. I have tentative plans to try for the Extra come July. Speaking to no one in particular, I'd like to see some more caution on the part of those who claim new loggings thanks to the frequency check list. Just because you hear a tone when a f/o is sked doesn't mean you heard the station - GET THOSE IDs! On other subjects, how many of you requested a copy of docket #2131, dealing with Stereo? Are you ready for 15 KHz wide signal candidates? It may well come if AM stereo really catches on - and goodbye to must split-channel DX! Yes, MIKE HOPPE, I was the one who wrote the article for Elementary Electronics. I'll have four articles in the 1978 Communications Handbook, but none dealing with BCB DX. Starting with the June issue, I'll have a more or less regular thing in the new mag Modern Electronics dealing with various DXing topics, and I'll try to cover the BCB from time to time. Best of DX to all and the Louisville Gang is doing a super job! 73! (I'll drink to that, Harry! -ERC)(Miss Jd up!)

BILL HUTCHINSON - 2412 Ellis Road - Baltimore, MARYLAND - 21234

There has not been much time for DX here this season. I've been busy taking continuing education from the ~~ABC~~ Mater & also busy studying for a ham radio license. The low rate of veries on BCB has kindled an interest in ham radio that has been dormant for 20 years. Some DX here: 2/1- WIZO-1380 s/off @ 6:30am. Then 2/5, WMS-1380 @ 5:55pm. 2/6- CFTJ-960 @ 2am, & good old WPTZ-1540 @ 2:30am. 2/8- WMEZ noted in early evening, but I did not record the time. Do they still use the "Bill of Fire" slogan? (That's not a slogan per se, Bill - that's the name of the church denomination which owns them & KPOF -ERC) WQWV-1380 good @ 6:30pm & WSCS-1390 in good @ 7. 3/11- WJWR-1440 @ 6:20pm and WJMN-590 @ 7:30. Also WSLR-1350 @ 7pm. R. Jumbo seems to have left the scene as I've not heard them lately. WQWV-540 is a regular strong daytime signal here over the waters of Chesapeake Bay & I listen to them regularly. I tried for two months to separate WJZA-1370 from ~~WJZA~~ and finally gave up and verified WSAY! Good luck!

JACK PARKS - 909 Jefferson Street - Hallett, SOUTH CAROLINA - 28345

Although I first began listening to radio about 1941 I only learned about and joined NRC in July, 1975. I will soon be 52 and have been married to my wife, Gay, for over 27 years. My job is Stockman with the Seaboard Coast Line Railroad, where I have worked for more than 33 years. When I first began listening, there were no stations in the local area and very few which could be received during the daytime, but during critical hours and at night reception was very good. At the present time there is no primary service at night in the immediate area and reception is terrible, with interference about 90% of the time on the "clear" channels. At the 1979 WARC the U.S. proposes to request the addition of 115-190, 530, and 1610-1800 kHz to the AM BCB, which could be very helpful in relieving some of the existing congestion. As might be expected, some broadcasters are opposed to this expansion but more competition is coming in the form of nes stations and increases in power of existing stations, whether or not the band is expanded. (I believe this is your first Hasing, Jack, so welcome to the crowd & we hope you'll appear frequently here! -ERC)

#### FOOTBALL MEMORIES

CHAPTER LXXIX - FRANK WHEELER RECALLS SOME OLD-TIME DXERS AND RADIO PROGRAMS.

I was reading Pat's Nostalgia. The Convention he mentioned in Erie years ago was almost in my backyard, as I lived only four blocks from where the Convention was held, but I didn't go, guess I was too bashful (my wife doesn't believe I was bashful). I used to go to Gordon's once in a while and help a little with the bulletins. I also went to Wagner's farm house where he had a 1,000' antenna. We spent all night trying to get Australia, but came up with KGU, Hawaii. Another time I went with Wagner and other DXers to a DX meeting in Cleveland. I thought that I was the only old time DXer and NRC member left in Erie (we have two new members) but I called ~~Bill~~ Feichtner (an old timer in the 40's). He was glad to hear from me. He hasn't DXed for years. Max Demuling died several years ago, and of course, Hal Wagner & Carroll Seth were killed in that accident on their way to the Indianapolis Convention. Harry Gordon died a few years back. Other area DXers, Pat Reilly and Grant Batson have both passed away. Three more years and I'll have that is from last December, and I'll have 50 years of BCB DXing put in. One of the old radio programs heard in the old days was "Sam and Henry" from either WGN or WMAQ, who later became "Amos 'n' Andy." Others were the Cluquet Club Eskimoes, the Sealy Air Wavers, Tompkins Corners, Sunday Evening at Seth Parker's, The Green Hornet, The Shadow, Jack Armstrong, Ma Perkins, Fibber McGee, and others. NEXT TIME FRANK WHEELER CONTINUES WITH SOME EARLY DX CATCHES OF HIS.

Your Editor can add a few old radio programs to those, like Billy Jones & Ernie Hare, who were probably the first radio comedy team, heard around 1930. There was the famous NBC (later ABC) Breakfast Club with Don McNeill, six mornings a week out of Chicago, a program which was to run for about 40 years or more! I believe it was the absolute last of the network entertainment shows to close, having done so only about four years ago. Another of the well-known daytime serials was "The Romance of Helen Trent", featuring Julie Stevens, who today is living in retirement on Cape Cod, but who does a once-a-week talk show with another New York radio retiree, Ted Bell, on local WLIC-1170, Orleans, every Thursday morning. They talk principally about shows being performed on Cape Cod and in Boston, both amateur and professional. How about the once-a-week nighttime serial from San Francisco, One Man's ~~Life~~