



the magazine of the National Radia Club

VOLUME AL

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NUMBER 13



" I can't live without the MRC. Keep up the good worki" (Hill Swiger, Ohio)



## ON THE INSLUE

- A supplement to "The Complent DX er" PT & RjE
- An explanation of the dues prorate BQ



#### NEW MEMBERS.....

Harry Halm, 18 Old East - U.N.C., Chapel Hill, NC 27514 (re-joins) \* John J. Miller, Dir. Tech. Ops., WCAU, City Line Ave. & Monument Rd., Phila-

- delphia, PA 19131 \* Alan Hamilton, 2038 Arch St., Ottawa, Ontario, Canada KIG 2HI
  \* T. Bert Meese, Jr., Route 1, Highland Dr., Duncan, S.C. 29334
  \* Paul E. Sojka, Jr., 335 Chilton St., Elizabeth, NJ 07208
  \* Oscar Palacio, 3 Robert Dr., Nyde Park, NY 12538
  Gary Peterson, 3705 NW 70th St., Oklahoma City, OK 73116 (re-joins)

Welcome to the MRC, gentlemen. We hope to see an introduction from you in the Musings section soon.

## RUNEWALS....

W. Brown, Swiger, Phillips, Bertonz, Tweedie, Mockus, Calkin, Amsons, Traue, Pitman.

#### NOTES &c FROM NJPC ....

- As of this writing, we have not yet received a volunteer remote from HQ to take over reprints. Anyone interested should contact HQ for details in addition to those already noted in DXN.
- Likewise, our request for a veteran DX'er to edit a Q&A column for novices and new members has gone unanswered, however, so has our invitation to the latter two groups to mibmit general questions to HQ in the interim, so we can only assume that maybe we're amiss in thinking there's a desire for such a column.
- And, still on the subject of columns, we've had a suggestion to initiate a southly or bi-southly swap & sell column. We'd be interested in some of your views on the subject, and, if the sentiment warrants it, we'll go shead, so anyons wishing to edit such a column, please let us know.

# PLASH /TIPS DEPT.

CPCA IN TEST was heard quite well 1/7, as it made it to both coasts. Signal at 30 was very good, but bothered by hets. Several reports indicated that it was KPCA which was off-frequency. No measurement made here. KBUC-1310 has not been reported as heard as yet. WDBC was tentatively logged by RJE w/an unID ol mx stn. on 1/lb, with a very weak ID heard, sounding much like WDBC. Late info from FAS told of test from KAVI-1320 also 1/14. Wy wk TT noted by PT, RjE way u/ "13-Q" but no IDs, rate.

#### NOTES &c FROM NJPC.....

We are now completing our PRORATE COMPUTATIONS. whereby the expiration dates for all members joining before 12/15/73 will be advanced to compensate for the dues increase made necessary by the postal rate increase. Those members whose renewal dates fall between 12/15/73 and about 3/1/74 will not be prorated unless they have renewed (or joined) at the old rates. Members whose renewal dates fall between 3/1 and about 8/1 can expect to have their renewal date advanced to the tune of one or two issues. while those expiring between 8/1 and 12/15 will be prorated two issues. All members who formerly subscribed at the now-defunct third class rates and who have not renewed for a change of class since the announcement was made to cancel third class subscriptions may expect an additional proration as follows, to compensate for the differential in dues, which amounts to about 5 issues: Expiration dates to 2/15, no prorate; 2/15-6/15, prorate of 2-3 issues: 6/15-9/15, h issues: and 9/15 to about 11/1 when the announcement was made. 5 issues. All members currently listed as on Third Class will receive all bulletins (starting with #11 in early January) by First Class. If any members find that a switch to First Class would be a significant financial hardship because of fixed incomes please check with HO so that we may make special arrangements. NEW RENEWAL DATES will begin appearing on the mailing labels within the next two issues after this one, and anyone having any questions on this entire procedure should write HQ, as in some cases the records we have are not at all clear on when the original renewal date (from 1971-72-73) would have been, so we have estimated it based on those records. Members who have recently renewed late, after several notices from HQ should remember that their renewal date does not shange because of any late payment.

- We have been able to locate a few more HAMMARLUND HR-10 RECEIVERS, and we expect that we can satisfy all requests received here to date. Invoices are being prepared now to include tax and shipping charges (via U.P.S.) to be added to the list price of \$29.95. These should be received about the same time as this issue by those who inquired. If any others of you are interested in buying this receiver (review of the HR-10 is available by reprint from HQ, specify reprint # RR-6, cost by First Class fail to members 18¢) please do let us know, as we believe that we may still locate a few more of them. If not, of course, no harm done, hi.
- \*The Radio Nederland review of the Night Pattern Book was very good, and we have already received several responses from it. We are hoping that they will also be review the Domestic Log as well -- a letter with that request is on its way.
- \*As we noted last issue, the New Member Kits were mailed on Dec. 31, via 3rd Class, and although as of 1/14, they have not yet been received, we expect them to start showing up this week. In any event, we are checking with the P.O. where they were mailed to see if we can locate them and speed them up. We are sorry for this inordinate delay, but that's what we're paying increased postal rates for, so.....
- \* As of 1/14, all reprint, log, and pattern book orders pending have been shipped out, and we are caught up again with the only exception being orders for reprint # R-10, which will be shipped this week due to a xeroxing mixup. Again, expect the new reprint list in about 2 issues.
- \* NRC will shortly be running the "1971 MexiGlenn List", a compilation of all available data on Mexican stations by member Glenn Hauser. We anticipate running the entire thing as a supplement to a single issue of DX NEWS sometime in February, located in the centre, so as to allow for easy removal for independent use.

#### C P C TEST SCHEDULE

MON.	Jan.	28 - 0000-0800	* KIAK- 970	Fairbanks, AK	5000 U	NNRC
		- 0330-	* KFAY-1220	Fayetteville, AR	1000 D	IRCA
		- 0400-0500	* KCRA-1320	Sacramento, CA	5000/1000	U NNRC
THU.		31 - 0645-0700	* KBTC-1250	Houston, MO	1000 D	IRCA
MON.	Feb.	4 - 0000-0800	* KIAK- 970	Fairbanks, AK	5000 U	NNRC
MON.		11 - 0200-	* WHIS-1440	Bluefield, WV	5000/500	U NNRC
		- 0400-0500	* WGON-1400	Munising, MI	1000/250	U (all)
WED.		13 - 0545-0600	* KLYR-1360	Clarksville, AR	500 D	IRCA
MON.		18 - 0130-0330	*1505	The Valley, ANGU	ILLA 500	U NNRC
SUN.		24 - 0230-0300	* KGVO-1290	Missoula, MT	5000 U	NNRC
MON.		25 - 0130-	* WKZO- 590	Kalamazoo, MI	5000 U	NNRC
MON.	Mar.	4 - 0115-	* KWPM-1450	West Plains, MO	1000/250	U NNRC
MON.		18 - 0200-	* WSAI-1360	Cincinnati, OH	5000 U	NNRC

#### DETAILS:

- KIAK Will use CW IDs throughout the period, which is normal RS. CW IDs will precede regular IDs at the hour and half-hour. News can be hrd. at these times also except 0200 & 0230. Programs are "Country Countdoen 0000-0200; 0200-0230, syndicated "Country Crossroads", 0230-0300, "Insight '74", a local interview show; and "Midnight Jubilee" with c&w and Danny Davis 0500-0800. Reportd to Tom Busch, CE, KIAK, 5432 Second, Fairbanks, 99701. Arr. David 0 Hailey.
- KFAY S/on w/ call, then w/TTs varying from 20 to 7500 Hz. V/s: N. D. McChristian, WA5NNG, KFAY, Box 1121, Fayetteville, 72701. Arr. Karl Forth.
- KCRA Beatle records, voice & CW IDs, and mentions of NNRC. V/s: Gary L. Wann, KCRA News Radio 132, 310 10th St., Sacramento, 95814. Arr. Gene Vonderembse.
- KETC Is quarterly f/c. Runs steady 1 kHz. TT. V/s: Walt Lawson, CE, KETC, Box C, Houston, 65483. Arr. Karl Forth.

Well, folks, this has been a bad year for CPC -- looks like the year of the non-DX TEST. Wany no-shows, a few instances where station personnel had no knowledge of a test being scheduled when questionned, many TESTS during RS, and a general paucity of any sort of programs. As to per centage of shows, NRC is way up top. For number of TESTS sked, we're 2nd to NNRC thus far. Sure hope CPC isn't dying..... -RjE

- MORE FROM JON PEARKINS ON TIME CHANGES, &c: ONTARIO will not go Daylight
  Time until the normal time, and BRITISH COLUMBIA will delay their Daylight
  Time switch until Feb. 3, due to protests from the forest industry, unions,
  and airlines.
- NRC'er Gregg Calkin is now in Islamabad, Pakistan and will be emceeing a feature on DX Juke Box over Radio Nederland called "The Asian DX Report". This will be aired on the 4th Thursday of each month starting in February. We don't have the correct time for this broadcast, but as it is replacing the "Benelux DX Report", we can assume that it will be at the same time, so consult WRTH for the schedule. While we're mentioning it, the 1st Thursday portion is Art Cushen's Pacific DX Report, 2nd Thursday is Jan Tuner's Scandinavian DX Report, and the 3rd Thursday is NRC'er Glenn Hauser's North American DX Report.

## editor.. Alan Merriman P. O. Box 6 Fairfax, Va. 22030

# international dx digest

Phone 703 - 354 - 2135 before 2200 EDT - All Times GMT - Deadlines are Saturday

We'll start this weeks column with some longwave loggings. All from Bob Foxworth except where noted.

200 ENGIAND BBC at a notably strong level, S-7-8 at 0700 1/2, although would fade to inaudibility. This stn is more like a S5 to S6 whenever it is heard here. Light pop mx, chatter by a male DJ w/typical British accent.

209 MOROCCO Azilal has been heard several times here between 0700 and 0730; first noted 12/16 w/signals ranging from just a weak BFOable carrier up to S6, generally and S7 once. Usual chanting type music and talk by slow paced man in AA. This stn was heard around 0700 1/2, then faded out for about a half hour, then was in fairly well again around 0750 for a few minutes, with a very pronounced SAH of just 1 Hz. No second audio detectable (except for tones from some beacons near the freq). Due to the lateness of the hour, and sunrise considerations, the Reykjavik station would seem to be the most likely. As Iceland is so far north, it would seem that sunrise there must come very late in the morning, and that this station might be heard in the clear after Morocco has faded out, which it seems to have done by 0800, if skip is in. I stayed here for a while but nothing developed, so hit the sack. \* 12/30 noted 2250-2300, into talk by male announcer. At peak rivaling 533, also quite remarkable. New, and only other LW BCer hrd ... no Europeans as they, mostly, too close to nearby beacons. On BC-344D and 50 lW. (Sundstrom)

236 UNID. Normally late at night the New Orleans airport weather radio is hrd on this freq in the clear, but on 1/2 I noted, for the first time ever, a very definite and distinct second signal just behind New Orleans, and a pronounced SAH of from 12 to 15 Hz. The unid sig had bits of talking by both a man and woman at various times, and moderate nondescript instrumental mx. This was first noted at tune in 0712 on 1/2; while BBC on 200 was quite clear at the same time. Around 0722, the unid played the pop song "Windmills Of Your Mind" by a male vocalist in EE! I checked all through the BCB to see if any locals were causing mixing, but nothing matched. And, too, this is a non-even freq; while mixing could concieveably appear on 230 or 240, I fail to see how it could show up on 236. Thanks to poor AVC system, the SAH flutter made audios choppy, but speech heard behind New Orleans did not seem EE. There are Russians listed here, among them Leningrad w/high power - but could Leningrad play Windmills in EE? Does this fit? Incidentally, a through check the following morning 1/3 yielded only a weak SAH behind clear New Orleans, at its usual strength, not nearly enough for audio, and down to about 10 Hz. On 1/3, Morocco was weak and BBC not heard at all. Interestingly, low-band TA's were better on 1/3 than 1/2 on the BCB; carriers had on 557 and 593 (AA) for first time this year. I have most of this reception on tape. Wonder if our European members note any new stns on this frequency?

245 UNID This is one of the clearest TA freqs on this band, thanks to no loud beacons. Weak low het had here, not usually present, during receptions detailed above. There may have been some audio present too; nothing definite. HNL did not help.

251 UNID There seemed to be audio behind beacon "ZV" around 0720 1/2. Tipaza, Algeria has been reported here in the past. This stn was assigned 254 and at the present I don't know what freq it is on. Although reportedely superpower, have never had anything on them yet. I was also getting signs of unusual activity on 254 at this time too, but trouble from beacon CAT (Chatham, N.J.). Other TA freqs higher than this channel are pretty well wiped out by loud beacons, and those below 190 I can't tune w/ the BC-453 Command surplus set. Also I have yet to get working on a LW loop antenna, but my results to date on this band are giving the needed push!

Just a remimder to those that might not be aware of it this column will welcome LW info. Also, any help with Foxy's unids above will be very much appreciated.

525 -COSTA RICA TICAL Radio Rumbo, Cartago. "R. Rumbo" ID finally heard during brief copy on mx program. Faded, and didn't return for over 20 mins., then too weak for copy. 12/28 around 0400. (Freeman)

530 - JAPAN JOQG Morioka noted w/good-very good sigs almost daily from 1300-1400

w/JJ programming. (Finkle)

533 -AIGERIA Ain Beida. 12/30, noted at peak level w/AA chanting, good above noise, still audible at low point, apparently talk at 2230+, good again 2255, but gone by 0000 s/off. Hrd via phone call from Foxy the night before, gave me tip as to presence. This new, on a surplus BC-344D (150-1500 kHz; 4 bands on a 50' wire; my HQ's don't go down this far. (Sundstrom)

595 -DOMINICA Radio Dominica, Roseau. It must have been R. Dominica heard w/EE in and out on 12/31 0144-0231 carrier off. No copy possible for report but

good to get audio for the first time. (Freeman)

598A -UNID Mystery passes test as genuine signal looping Caribbean area if not a domestic spur. No audio copy but some traces seemed to be SS. Easteners hearing this? Seemed on 597.5 side of 598. 12/28 0420. (Freeman)

625 -UNID (2) Two stns w/het being heard and seem about equal. No copy. 12/28

0430. (Freeman) TI and OA? (ED)

95 -NORTH KORFA Noted w/fair signals on 12/24 at 1300 w/a man in KK. (Finkle) OO -JAPAN Noted on 12/24 w/JJ speaking at 1303. QRM from WIN and CC speaking station. (Finkle)

-NORTH KOREA Noted w/fair signals on 12/24 with KK programming at 1250. Not

// to 695 or 655. (Finkle)

-NORTH KOREA With very good sig on 12/24 at 1315 w/KK speaking. (Finkle)
-NORTH KOREA Noted w/very strong signals on 12/31 at 1415 w/KK singing. //
to 887, which appears to be the old station on 877, which is no longer audible. (Finkle)

JAPAN JOBB Osaka noted on 1/6 at 1432 to 1500 s/off in EE. Program was narrated by a woman concerned with an orphanage in Japan. Interviewed a young American from Atlanta. Never IDed in EE though. At s/off, a man announced "JOBB ....", time check and anthem. After the anthem continued for 5 mins a song on bells was played. Excellent signals. Was // to 700 with somewhat weaker signals. (Finkle)

-UNID ASIAN Noted w/weak sigs on 1/6 at 1505 after JOBB left the air. Sounded like KK, but nothing listed (and doesn't make much sense to have a Korean stn on same channel w/a 300 kw stn located 300-400 miles away). (Finkle)

-JAPAN JOQK Nigata noted on 12/31 w/weak sigs and much QHM at 1351 w/NHK ID and a man continueing in JJ. Was // to 890. (Finkle)

-USSR Station noted most days carrying Majak programming in RR. Particularly good on 12/26 when noted from 1354-1511 w/primarily musical programming announced in RR. Every half hour has Majak IS, w/time signal on hour. No listing of Far East stations here. Anyone know QTH? (Finkle) No info here. Maybe our man in Tokyo, Lars Ryden can help. (ED)

-UNID Noted on 12/29 w/weak sigs at 0203 w/a man speaking in an unid language. Was followed by a program of cl mx. Had severe QSB and QRM from KOA and XE stn in Tijuana on 860. (Finkle) Likely PJC2, Hadio Curom. (ED) / (Pearkins)

-HAWAII KAIM Honolulu s/off w/male and female vocal SSB at 1007 12/30 u/WWL.
-CHINA (PRC?) CC speaker noted w/fair signals at 1443. Apparently Foochow as noted // to FBIS listed Foochow stations on SW (2200 and 2340 kHz.) (Finkle)
-JAPAN Noted w/weak sigs at 1447 on 12/26 w/JJ variety show. // to 530 & 890.

-JAPAN Alternating male and female announcers in JJ until 1530, then/(Finkle) modern JJ pop mx. No QRM, clear but noisy. Out by 1540. I thought I caught "Nippon Hoso Kyoki" at 1530, but I don't have a WRTH to check if it really is NHK or Japanese commercial stn. 1/6. (Miller) This is JOHK, Sendai, a NHK station. (ED)

-UNID Station noted at 1348 on 12/29 w/religious mx. At 1350 a man speaks in heavily accented EE about Moslems, Lebanon, etc. QFM heavy from JOHK and QSB drops stn out at 1400, precluding ID. Could be stateside, but not sure. No luck on further loggings. (Finkle)

990 -ECUADOR/UNID 1/6 0115. Had good reception for a while on Guayaquil, then another SS came in briefly w/a spot cluster (definitely not Ecuadorian ads) and then was covered again by the HC. Anyone know who else is here? (Gleason)

1005 -COLOMBIA HJDP Neiva probably the one w/fairly strong het on XEHL 1001-1020 12/30. Was best at 1011 when SS female vocal selection could be hrd. Faded in and out at 15 min intervals. Nulled same direction as KOMO. (Pearkins)

Remember, all loggings on or after 1/6 are EDST! editor.. Wes Boyd

960 W. Liberty Telephones: Wes Boyd 216-545-4543

Jerry Starr 216-534-1394 Life is a fountain!

OMESTIC

changes

1250 CKJD ON now s/off 0100 daily per verie (ELK)

1420 WOC IA MM SP begins 0130 (PKH)

1530 KNIE WY (ex-KCHY) back on RS, noted MM s/off 0215 w/SSB (ELK) (818)

Applications:

980 W--- MS Starkville seeks 1000 D 940 WEOO VA CP to 5/3/74 1310 W--- MI Gladwin seeks 1000 D

1160 WIDL PR seeks WBQN

1550 WPXY NC seeks WGNL

1580 KZIA NM seeks move to 1310

1240 WMPA MS 0245-0300 w/dialtone, announced as monthly, 1st MM (JS)

1490 KARV AR 0605-0??? per call to station, 1st MM (PKH)

1370 WGHN MI 0045-0050 w/tone, heard by ELK, 1st FRI, listed 1st MM

1380 WPLB MI 0040-0045 w/tone, heard by ELK, 1st FRI, listed 1st MM RC's HEARD:

1st TH: WKTY-1370 (PKH)

1st SA: WLIV-920, WPRT-960, WAIN-1270, WMTL-1580 (DM)

3rd TU: (Dec) 1410-WYMB (BW)

4th MM: (Dec) KIXY-1260, KPDN-1340, WCVS-1450, KAMA-1060, WMIS-1240, KTNM-1400, KPUR-1440 (PKH) KOBE-1450, KGIW-1450, both Q3 (PKH) (Last two listed as Q2, change list) KLMS-1480 (JF), WANV-970 (JF), WCBG-1590 (BW)

4th TH: KWGH-1290 on a bit early 0058-0102 (PKH)

4th FR: WIGG-1420 (JF)

#### sunset & evening

CFCO ON 12/30 running CBC Cross Country Checkup before pattern/power change 1750, that was CFCY but...(JMP)

WCAW WV 12/30 o/mess w/C&W 1707 w/Randy Andy Show (JMP) Who's she?-JS 680

WLIL TN 12/18 w/religion and ads 1706 (BW)

WOHS NC 12/30 w/public service and ads 1711, s/off, FM promo 1715 (BW)

740 WBAM AL 12/20 "Big Bam Radio", religion, s/off o/Dixie 1744 (BW)

800 WDEH TN 12/18 w/ads, s/off 1729, no SSB (BW)

850 WMAG MS 12/24 copied well 1747-1800 s/off (PKH)

WIVK TN 12/26 3 spots and ID, poor 1720 (KDF)

WEEU PA 12/30 in WHDH null in/out 1555-1615, nx headlines on the hour, Ae Nx 1630, was trying for WJAC (RM) Try again, Ron-JS

900 WKJK NC 12/30 ID 1700, then quickly lost to WLSI (BW)

KFAL MO 1/3 good signal 1335-1340 w/C&W (ELK)

KJSK NE 1/3 w/ID and wx 1827-1829 (ELK)

950 KLIK MO 1/3 on top briefly 1741-1745 w/local spots, then covered by WWJ/KXJK (ELK)

WBKH MS 1/4 w/Johnny Cash Show for MFA Insurance 1807-1811 (ELK)

970 WDAY ND 1/4 very good 1754 w/old rock mx (ELK)

CKCH PQ 12/30 w/FF RR as usual 1731 (JMP)

1000 WQTY AL 12/31 MoR/local nx, s/off 1745 (RBS)

1010 WELS NC 12/24 giving WINS a fight w/local sports, nx, many spots 1650-1700 s/off (JMP)

1090 WKTE NC 12/19 s/off 1713, then slow vocal "Dixie" (BW)

WMWM OH 12/19 ID noted in s/off anter WKTE off (BW)

1110 WKDZ KY 12/18 good at s/off 1731 (KDF)

1120 WUST DC 12/29 noted 1640 w/Black religion programs (BW)

1130 KWKH LA 1/2 pulled out w/nx, RR 1733-1755 w/WNEW, no WCAR (ELK)

1220 WABF AL 12/18 ID, possible s/off 1733, poor (KDF)

1280 KNBY AR 1/2 at s/off 1816, fair (ELK) (831 !) 1300 KBRL NE 1/2 weak 1827-1845, faded up for tape of s/off (PKH)

1035 -HAITI 4VEF Cap Haitien noted w/good signals on 12/29 from 0058-0200 s/off w/religious program to 0100 and then cl mx to 0200 s/off. Good sigs and a New Country. Also noted on 12/28, but much weaker. Interestingly enough, local sunset was about an hour earlier, but no other stns from this region were heard. (Finkle) \* \* Uses 4 note chimes or bells as fill between taped programs. Noted at 0959 12/30 then into SS w/male. Ex signal. (Pearkins)

1040 -CHINA Radio Peking noted on 12/26 in JJ w/good signals from 1508 to 1524

s/off in JJ. Local sunrise was 1456 that day. (Finkle)

1205 -SIERRA LEONE IS familiar from a few receptions in past years was heard 0555 -0559. Occasional audio starting at 0600 but could not even get language used. This on 1/3. WOAI splatter from mx was terrible. Weak and fading in and out at best. (Freeman)

1212 -VENEZUEIA YVMN Radio Coro, Coro 1/4 w/s/on at 1055 and 5 minute early TC. At 1100 someone came on to het him on about 1211. R. Coro was all cumbias

and similiar tropical music. (Gleason)

1215 -UNID IA Station looping Central America was in and out w/mx and man speaking SS. Few announcements. Best at 0218 but announcement seemed to have no ID material. This on 1/3. Cone soon after 0230. (Freeman) YN? (ED)

1242A -DOMINICAN REPUBLIC (Heard on 5th harmonic of 6210 kHz) Radio Tropical, Ia Voz de la Libe rtad, Puerto Plata. Heard well here from late afternoon to past 0445 and unusually strong for a harmonic. The stn is apparently operating a few kHz above their assigned frequency, 1240, the fundamental, as the 5th harmonic of 1240 is 6200. While listening for a 3 hour period at night, Radio Tropical was the only name given (not listed in WRTh), and no mention of the country was made, so identification could be difficult. R. Tropical could be a new name. (Valdes) This is likely Sundstrom's unid. (ED)

1270 -MEXICO XENY Nogales 0100 1/8 up just about 2 minutes w/local spots and a US

rock song. (Gleason)

1462.7-COSTA RICA Unid, 1/7 tune in 0445, pop mx, IDs 0453 and 0458 when carrier was cut following opening bars of following record. Long fades, but when up quite good. IDs consisted of a chime tone (single), then "en Costa Rica, La Vies Sinque Oche Mitos" (roughly phonetic, forgive me, SS and me don't mix...), then a musical 4 note animal that sounds like the one on XEOY-1000. ITV splash de 1463.29. Aside from RFS comment two months ago in IRCA's DXWW, I can find no reference to this one, and 'tis first time hrd here standing out well against 1460. TIGHP off 1475 (and away from YNAG) with a slogan change? Help. (Sundstrom) This is indeed TIGHP and they have been on this freq for years. Used to be noted here fairly regularly before my local WPRV-1460 went fulltime. They are listed on this frequency in the by freq list in WRTH. (ED)

1470 -MEXICO XEND Radio Internacional, Durango, Dgo. 1/8 0213-0500 w/rock (SS) till 0300, then easy listening instrumentals. Never gave call. Rough w/ XEBBC and its 5 kw. Time checks in CST, two minutes slow. IDed at 0500

from spot for a drug store. (Gleason)

1560 -MEXICO XEVIP Naucalpan (DF) 1/4 1150 w/mx up to formal s/on at 1158 in EE and SS. Often looked for previously, but not heard. Today had a monster, rock steady signal. XEJPV was late, fortunately. Some XESE in back, noone else on channel. (Gleason)

1586 -GERMAN FEDERAL REPUBLIC WDR Langenburg strongest TA ever heard w/GG nx, commentary, into pop mx program 0611 1/5, only TA this AM w/good audio.

1590 -MEXICO XEACH Monterrey, now here, ex-1580. Obviously, someone made a big mistake on their xtal. S/on still seems to be 1100. (Gleason)

1602 -GERMAN FEDERAL REPUBLIC BR Munich strong het on KATZ but only bits of audio at 0620 on 1/5. (Forth)

The reporters for this issue ....

Phil FINKLE- Wrightwood, California Collins 51J4, longwire Karl FORTH- Villa Park, Illinois Robert FOXWORTH- Mineola, New York BC-453, 60' longwire Clarence FREEMAN - Yreka, California

Dave GLEASON - Scottsdale, Arizona SPR-4, Sanserino loop Hubert MILLER - Seattle, Washington Raytheon RDF335, 10' wire Jon E. PEARKINS - Burnaby, British Columbia HA230, SM-2

Tom SUNDSTROM - Willingboro, New Jersey HQ-150 s/SB-620 & SM-2, HQ-140X and DX150A Jeremy Aurelio Forster VALDES - Wolfville, Nova Scotia /longwire

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1310 WMAE PA 12/29 fair w/local sports o/SNIC 1625-1630 (JF)
     WSLW WV 12/27 s/off heard thru WNIC 1700 (JF)
     WDOD IN 12/28 w/C&W, ads, etc 1757-1805 (BW)
1320 WPHR WI 12/27 w/local wx 1645 0/u CKKW (JF)
1330 WAEW TN 12/24 w/ s/off o/WEVD 1715, note this one on Central time(JMP)
     WRIE PA this not-oft-heard stn atop 1715 w/RR o/ a certain Youngstown
             thing 12/29 (JMP) Gee, Jim, I checked the NHC Logbook and
             don't find anything listed for Youngstown. Who was it?-JS
             (KGEN don't take 17 months to verie-HWB) (825 1)
1350 WZIX PA 12/27 for call change 1630 ID (JF)
1360 KLRS MO 12/18 w/wx 1758, s/off w/SSB (KDF)
     WPPA PA 12/26 w/nx 1625-1630 w/WKYO (JF)
     WCHL NC 12/27 alone till pattern change 1700, no WDRC/WHBG/WIXZ (JMP)
    WIXZ PA 12/29 good w/RR 1650-1700 power change (JMP)
     WHBG VA 12/29 atop mess w/ s/off 1700, note this is 5kw, not 1 kw
             as in Log (JMP)
1370 WJWS VA 12/25 s/off weak thru WSFD mess 1629 (JF) (815 1)
1400 CJFP PQ 1/2 way on top 1720-1725, ineradible S-9 (ELK) As opposed
            to an insipid S-9 7 -JS
1420 WCRE SC 12/27 at s/off 1715 e/WCOJ/WHK, s/off mentions WKDE VA and
             WDAR SC (JMP)
1440 WAJR WV 12/29 strong w/RR still on day pattern 1650 (JMP)
1460 WEND ND 12/28 fair o/WPRW/WCMB 1717 w/local wx, note cities name is
             pronounced w/ short "e", hence "Esston" (JNP)
1470 STKO NY 1/2 on top 1615-1625 w/idl, unfortunately was looking for
             WVBS (RIA) Next time, try looking for WTKO-JS (832 1)
1480 WCFR VI 1/2 w/RR, many local spots 1625-1632 (ELK)
1500 WKIZ FL 12/18 thru WTOP 1745 w/RR (RBS)
1530 NMPT FA 1/2 brief reception 1645-1650 w/KR, little WCKY, no WHYP (ELK)
     WIHM MI 12/27 alone w/RR and spots 1445-1452, no fading until wiped
             out by WCKY 1452 (RM)
1540 CHIN ON 12/27 in WPTR null, WHCP in mx noted foreign lang, possible
             Italian w/female anner 1505-1510 (RM)
     WHEY TN 12/28 w/adm 1727, then religion to 1734 s/off (BW)
1550 WLUX LA 12/31 a/off 1800 leaving WBSC alone (RBS)
1560 KAJN LA 1/6 s/off 1946, no SSB, gave s/on time as 0615, should have
            been off 1630 per SR/SS maps (JS)
     WAGL SC 1/6 w/Be Still and Know 1840, Instrumental America, then
             s/off 1846, sr/ss map sez should be off 1830 (JS)
     WAGC AL 1/6 w/C&W 1820-1830 f/out, back loud 1853 w/mx, s/off 1900
             w/instrumental SSB after Be Still and Know (JS)
WWGM TN 1/6 u/WAGC s/off 1859, instrumental SSB (JS)
     KTUI NO 1/6 w/Fortals of Prayer 1910, s/off 1913 w/inst, SSB (JS)
     HEGG TX 1/6 m/off 1930, female announcer, no SSB (JS)
     KRSB OK 1/6 s/off 1929 w/plug for 95,9 FM Steree, still using this
             call (JS) (Just park on 1560 around SS and have fun-JS)
1580 WESY MS 1/0 o/KLIR w/C&W 1910-1915 s/off w/SSB (HNB)
1600 WCPK VA 12/20 w/ s/eff in mess 1645, format of beautiful mx (JMP)
      Beautiful by whose standards? -JS
midnight to sunrise
550 MSVA VA 12/22 most likely this w/public service, NBC Nx and mentions
           of Norfolk and Richmond 0753 (BW) Stevenson? -JS
+570 WAAX AL 12/28 weak w/WKBN, m/off 0201 (JF) Log lists m/off 0115 (0200)
             this was a FR morn, evidently now off 0200 daily-HWB
     KVI WA 13/31 w/ID, TC, nx, wx and MeR 0230-0237 for rpt & tape (KDF)
     WKEN Off now operating with new nighttime DA, tighter pattern than
             before, for what it's worth (HWB)
580 CKY MB 1/1 w/RR 0250, fair (KLK)
      WCHS WV 12/31 w/ws and ID 0553-0555 (CGB)
590 WARM PA 12/16 w/mds 0736, promos as "Warm County" but is RR (BW)
     KHOD TX 12/31 copied s/off 0200 w/This is My Country (PKH) Log does
             not specify s/off time-HVB
610 UDAF MO 12/31 noted w/talk show 0020 (BW)
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Sixty-One, the new KDKE (PKH) Glad you liked the ID's.
             I recorded some of them. Also uses the name "ker-Kee" -JS
620 WETE TN 12/31 w/local nx, 0600, then Ai Nx to 0605, new net? (CGB)
              No Gordon, Ai has been around for years. Old line - JS
      WWNR WV 12/15 o/WETE w/local nx 0021 (JF)
630 CHLT PQ 1/1 in very well 0156-0200 (ELK) (815 1)
      WPRO RI heard call letters during nx and WPRO wx 0436, very poor
             and way under KHOW (KDF)
*690 WZAP VA 1/4 w/C&W on "Your Music BOX" 1650-1700, then Mutual Nx (ELK)
             Cops, in wrong section, sri-JS
+710 WDSM MN 1/7 way u/WOR OC/TT 0125-0202+, only KEEL in null w/WOR off.
             format C&W, ID as"24-hours, all-nite radio WDSM Superior-
             Duluth" (HWB)
     CKVM PQ 1/1 in well on top of WOR 0240-0245 (ELK)
740 KCBS CA 1/7 s/off 0307 after CBS Nx s/KCMC C&W (GF) (Log sez off 0300)
790 WMC TN 1/3 on top w/Constant Country 0140-0145 (ELK)
     CKSO ON 1/4 good, noted w/sports 0220-0222 (ELE)
     WTAR VA 12/51 fair w/ID, wx and jingle 0319-0324 (CGB)
800 CKLW CN 1/7 off 0427-0440 (GF) This is not regular, transmitter went
             poof at this time according to Mark Dailey visiting here 1/8,
             expects to have new XR on the air this month-JS
     CHRC PQ 1/7 w/XEROK in CKLW unsked SP above (GF) By the way, XKROK
             just went on with their 150 kw XR a few weeks ago-JS
810 KGO CA 12/10 weak but in clear w/talk show 0035-0100 (JF)
     Unid 77 12/31, possible Caraquet, NB 0247-0257 w/FF mx, mostly
             instrumental, sounding like ET, some OC, no ID, gone 0257,
             good w/WGY off (CGB)
860 Wiki FL 12/17 DX u/unid OC/TT 0330-0345, mnatches of DX when unid
             cut carrier every few minutes (RM)
     WKCR TN 1/2, no ID heard but TT on time for BC and looped OK, KOAM
             s/on O558 buried it. Wuz dis dem? (PKH) Dunno, wuz be dey-JS
     WHOP PL 12/28 noted ending ET/OC 0030 (JMP) Heard it and that it was
             listed WSWN, Crap! (HWB)
     KTIS MN 1/6 m/on m/SSB 0638, mentioned religious programming (DM)
910 KRHV TX 12/24 w/public serwice and ID 0108, then gune (KDF)
     WHBA PA 12/31 noted w/spots 0150 (CGB)
     CHEL PQ 12/15 fair w/ID o/WSBA 0053 (JF)
920 CMCY ON 12/31 vary poor w/ax 0638, not enuf for report (CGB)
     WOKY WI 12/51 using 5kw ET/OC 0405 (JMP)
930 CFBC NB 12/28 alone 0041, sign of good conditions return, w/RR (JMP)
940 KFRE CA 1/7 noted s/off u/KIOA 0300, then SSB (HWB) Log doesn't list
             a MM SP, change
     KHOS AZ 1/7 think this is the CAW here u/KIOA all AM, poor (HWB) Yep,
             it is they-JS
     Unid 77 1/7 w/lk TT 0325-0330, then 400 Hz 0330-0338, no ID, is this
             the KGHL BC? Listed 0315-0330 (HWB) (803 1)
950 WKAZ WV 12/31 w/Super 95 ID between tunes 0235, poor in WEBE slop(CGB)
960 CFAC AB 12/31 first time this season, minor WRFC QRM 0400 (JMP)
     WRFC GA 12/31 ET/38/OC 0401, ID every 20 min including local wx (JNP)
     Unid ?? 12/31 ETer, DF SE/NW, various announced tones 0247-0300+ (KDF)
             Maybe the above? -IIWII
     EMA IA 12/23 w/ads and Xmas mx o/mess 0042 (BW)
970 WANV VA 12/24 good on FC w/WEBR/WMSW 0530 (JF)
WWDJ NJ 1/7 noted on past 0230 w/RS, seems NSP during local ratings
1030 ECTA TX 12/24 w/reli to ID 0700-0730 (JF)
                                                                  (HWB)
+1040 WHO IA 1/6 noted back on RS 0700 (DN) Log sez on 0900
1050 WGAT VA 12/22 w/local nx 0735 (BW)
     WSMT TN 12/24 w/public service 0717 (BW)
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610 KRKE NM (ex-KGGM) w/mice ID 0342 and 0330, call themselves Channel

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10
 1070 CBA NB 12/29 w/e-z listening mx and tc's 0540-0545, strong (CGB)
 1090 WBZB NC 12/24 w/programs for Xmas 0722 (BW)
1100 WGPA PA 1/7 ET w/RR 0400-0410+, said program tests w/50 watt PSA (JS)
              Noted several Ringo Starr cuts 0350-0405+, seemed much
               stronger before 0358 (HWB)
1110 KFAB NE 12/16 noted w/MoR thru WBT OC 0110 (BW)
      WDGY MN 12/31 big OC from before 0247-0300+, ID 0258 (PKH)
      WAWK IN 12/31 w/spots & wx 0739 w/WSIV/KNEI (KDF)
      CJTR PQ 12/31 alone w/RR, mostly EE mx, mentioned Trois-Rivieres
              0210-0215 (CGB) What ya expect he'd mention, Boise?-HWB
      KRAK CA 12/24 fair thru WRVA OC w/ s/off 0230 (JF)
1170 WWVA WV 12/25 noted off, w/OC per usual Xmas morning format, just
              mud under OC 0120 (JMP) Was KV00 and KSTT here-JS & HWB
#1180 WHAM NY 1/6 noted back on RS 0630 (DM)
      WLDS IL 12/21 noted 0733 w/area school closings (BW)
      KOFI MT 12/31 copied very weak s/off 0206, used distinctive s/off
              program "Montana", full ID, then SSB. First time s/off
              ever copied here. Copied again 1/2 proving weak semi-
              regular w/KLIF splatter worst problem (PKH) (Log sez off
              0200. change)
1190 KEZY CA 1/7 ET w/mx, features and strange announcements 0530-0550+(JS)
*1240 WTAX IL 1/5 poorly at s/off 0206, but who was thay with SS pgm? (ELK)
              First choice WEDC, second choice CB124 -JS.Log sez 0200 s/off
              for WTAX, change
      KAKE KS 12/31 noted on past 0345, anyone know if NSP? (PKH) Yes-JS
      KVSO OK 12/28 PoP most of this AM (PKH)
      WINN KY 12/31 w/wx 0135, clear for report (KDF) (822 !)
      WMPA MS 1/7 w/unlisted FC/dialtone 0246-0300, announced monthly (JS)
1250 WTAE PA 12/31 noted w/religion 0300, has he gone NSP? (JMP) I noted
              CHWO w/religion here this time period-HWB
1310 CHGB PQ 1/1 on top 0145 (ELK)
      KLIX ID 12/31 weak but nice ID 0135 fot tape claim, ID #3, s/off
              0200 heard just barely, usual pest KBUZ weak, SSers gone (PKH)
      WBRO GA 12/10 s/on 0601, promptly burned by WDOD (RBS)
1330 WVOJ FL 12/24 AN w/C&W 0130 w/WGMA off (RBS)
1360 WDRC CT 12/28 ET/TT 0100 (JMP)
      WBAY WI 12/17 w/C&W u/WSAI OC 0018 (BW)
1370 WGHN MI 1/5 noted w/TT 0046-0050 off. FC? (ELK) No, that was RS-JS
      CFLV PQ 12/25 noted 0135 w/FF talk show (JMP)
      WTKY KY 1/3 RC on time, s/on gives good, only call at s/off no
              other ID's, noted same thing last month (PKH)
1330 WPLB MI 1/5 noted w/TT 0040-0045, possible FC (ELK)
1410 CFUN BC 12/31 in/out w/WING 0200-0230 enuf for report, in nearly AM
              when conditions are good (KDF)
      KQV PA 12/24 very weak u/WING w/nx 0432 (JF)
      WRIS VA 12/31 w/ID 0700, then lost to WRMN s/on (KDF)
      KWBB KS 12/24 ET 0100-0310 w/OC/TT, only ID at s/off (PKH)
+1420 WOC IA 12/24, is 24 hours, noted s/off 0130 MM (PKH)
      WIGG MS 12/28 weak u/WHK w/FC 0320 (JF)
      WCOJ PA 12/24 fair 0458 s/on (JF)
      WHK OH 1/9 seems off 0130-0210, them OC (HWB)
      Unid ?? 1/9 o/u WOC 0203-0207 w/UPI Nx, then uptempo MoR (HWB)
      KXOW AR 1/2 ET 0608, dunno if regular (PKH)
1430 WQPD FL 12/17 frequently dominated 0600-0700 w/C&W (RBS))
      WAYK FL 12/24 s/on w/SSB 0600 (RBS)
1440
      KDOT AZ 12/24 on for short ET 0328-0332 w/mx (PKH)
      KEYS TX 12/24 ETing most of AM w/day & nite power/antennas. RS-sound
              program but strange material, some comedy, lotsa IDs (PKH)
      WROK IL 12/24 copied ID 0235 in RS-sounding program, what were they
              doing on? (PKH) They is NSP, dat's what-JS
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1450 WOL DC 1/7 strong on ET/TT 0330-0345+, ID 0341 (JS)
 1460 WKAM IN 1/5 ET 0225-0238 w/10 sec TT, 1 sec OC cycle, off 0239 (ELK)
      WDOG SC 12/1 s/on w/SSB 0600 (RBS)
      WXOK LA 12/24 s/off 0101 w/jazz (RBS)
      WMBR FL 12/31 in WAXC null. ID 0001 follo by half-hour of religious
              singing (RM)
 1480 KLMS NE 12/24 weak u/mess w/FC 0132 (JF)
 +1490 KARV AR 1/2 caught end of ID 0605, called them, this is regular
              1st WE, not 2nd (PKH) (Not on FC List)
 1500 WKIZ FL 12/31 thru WTOP 0645 w/C&W (RBS)
 1510 WMEX MA 12/31 weak ID 0400, then ET/TT (PKH)
      KGA WA 12/31 ID 0404 ETing and clobbering WMEX ET (PKH) Have they
              ever been known to verify in recent years? -JS (809 !)
      WLAC TN 12/31 noted s/on 0530 (CGB) Log sez 0500 MM s/on, change
 1520 WTUU OH (ex-WTTO) now using "Fifteen-Two" w/C&W, MM SP 0000-0500 (DM)
              Fair w/WKBW 12/22 at 0300 ID for call change (JF)
++1530 KNIE WY (ex-KCHY) 12/31 noted behind KFBK 0205 w/nx & wx, s/off 0215
              w/SSB. Wyo #8 but first time in a long time, should be a good
              bet for easterners (ELK) Is it easier to hear when aided by
              Johnny Walker Red?-JS
      KPCR MO DX 12/17 fair/good 0300-0322 w/phone calls (RM)
 1550 KKJO MO 12/29 w/jingle and Top 40 mx 0339, poor in KXEL slop (CGB)
      WNTN MA 12/28 ET/OC ending 0130 (JMP)
      WIRV KY 1/5 ET0307-0318 w/ Jim Croce LP (ELK)
 1560 WVAK IN 1/3 alone w/ET 0252-0257 (ELK)
      KPMC CA 1/5 noted w/C&W 0218, first time in ages (ELK) Haven't been
              listening in ages, huh?-JS
 1570 WCLE TN 12/31 s/on 0600 w/203-watt PSA, WGHC just behind (KDF)
 1580 WSUF NY 1/3 overpowering signal OC/TT/MX and ID's 0123-0130 (ELK)
      WHEX PA 1/5 w/simple voice ID 0258, must have been OC (ELK) Most
              perceptive, that ELK! -JS w/TT 0455-0513 o/WMTL FC (DM)
      KTUF AZ 1/5 w/ET 0221-0306 off, good signal, claims to be "The Worlds
              Most Extraordinary County Music Radio Station" (ELK) They
              may be right. Owned by Buck Owens. Big Deal! -JS
      KDAY CA 12/24 s/off 0309, rare w/KRZI on (PKH)
      KPCA AR 1/7 NRC DX 0310 w/C&W, loud-like (JS) 0307-0315, only KDAY
              under (HWB) good 0315-0400 o/UNID TTer 0345-0400+ (GF)
     "WLRW"?? 12/29, weirdo testing w/ announcers horsing around, telling
              corny jokes, etc. 0435-0505, no such call listed but FM
              listing for Champaign, IL (CGB) Pirate, maybe? -JS
 1590 WGOE VA 12/24 ET/RR and giving fone number 0012 (KFD)
      WABV SC 1/1 noted s/on 0559 (RBS)
      WILZ FL 12/31 s/on 0600 (RBS)
      WELE FL 1/1 s/on 0559 in reverse (RBS) Write us a letter someday and
              explain in 100 words or less what that means-JS
      WEEZ PA 12/15 fair o/WAKR and others w/C&W 0124 (JF)
 1600 WAAM MI 12/29 fair w/RR o/u WWRL 0332 (CGB)
 WELCOME-TO-THE-BIG-TIME-DEPT:
 Fisher, West Virginia, a map-speck with population of 250 has been
 unseated as the smallest town with a licensed AM station. The new KCIA-
 1110 has moved that somewhat dubious honor to Humble City. New Mexico.
 Humble City, a bustling metropolis in the south-east corner of the state
 is listed in the 1970 Census as having a total population of 65. Hi there
 bright lights, hello big town! Dah Dah!
 Strange stuff from that OTHER club: Latest bulletin lists a reception
 of KHAR-590 Alaska at 0135....on a weekday....in New York. Hmmmm.
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Nerny nerny. Fanork!

Or, as Tricia Gook might be heard to say:

#### CONTRIBUTORS:

CGB: Gordon Bailey, Ridgeway, ON, Hallicrafters SW500, LW

Jeff Falconer, Clinton, ON, Kenwood 9R59DS, SM1 KDF: Karl Forth, Villa Park, IL, HQ160, SM1, 100' LW

Geoff Fox, North Olmsted, OH, SX-66, SM2 GF:

Paul K. Hart, Fort Worth, TX, SX29A, Altaz loop, Fischer9OT, SM1 PKH:

Ed Krejny, Middleburg Heights, OH, equipment still unknown ELK:

RM: Ron Musco, Windsor, CT, equipment unknown, same brand as ELK?

Jim Poterba, Yardley, PA, HQ200, SML JMP:

Ron Schiller, Lighthouse Point, FL, HQ180, LW

Bruce Winkleman, Man, WV, Allied A2515, SM1 BW:

Wes Boyd, Girard, OH, HQ180, Altaz loop HWB:

Jerry Starr, Hubbard, OH, HQ180A, 4-foot loope JS:

Margo Pitts, Butler, PA, Norelco, window screen antenna

So closes another magic issue of DDXD, the favorite reading material of all elite DXers everywhere, right after Playboy, Playgirl, Grit, Midniter and Swinger's Guide. Keep up the support, 825 \$ 830 - RJE And so, to sleep, perchance to dream.

73 and 836

Uncle Wes & Dr. Jerry It Is What It Is!

# Court Calls Lottery 'Hot News,' Overruling an F.C.C. Air Ban

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PHILADELPHIA, Jan. 2 (AP)

—The United States Court of lear of persons interested in the Appeals for the Third Circuit ruled today that radio and television stations could broadcast Thursday as 2.75 million. winning lottery numbers in "Setting aside the question drawings conducted by states whether the First Amendment

turned a lower court ruling we reject the premise that the that had upheld an order of the size of the class of persons in-Federal Communications Com-terested determines what is mission.

nission, news," he wrote.

The F.C.C. had ruled that the "If this were the determi-Presey State Lottery each

Ing. John Grbbons, in an opinion concurred in by eight other Circuit Court judges who heard the case Nov. 15, said per learn that it is beyond the competency of any governmental that the broadcast of lottery petercy of any governmental numbers was "news and clearing to determine that any ly... protected by the First members."

#### Interest Quantified

contended that this information a weekly lottery. was commercial and not news, Other state lotteries are conand of interest only to a limited ducted by Maryland, New York. class of persons. Massachusetts and Ohio.

because they are "hot news," recognizes a distinction be-The unanimous decision over- tween news and mere history,

Thursday, the day of the draw- are interested in the winning

Intervening in the case, in support of the New Jersey State The F.C.C., in its original Lottery Commission, were the order banning the broadcast of states of Pennsylvania and New winning lottery numbers, had Hampshire, which also conduct **CLIPPING CORNER** from the New York Times

As a supplement to the article "The Compleat DX'er" by Page Taylor, which appeared in DX NEWS Vol. 41, #9, we present the following: First, a listing of reference sources for the DX'er; and second, two specially-prepared maps which are scaled on the same map scale as the Sunrise-Sunset maps previously available from NRC, and currently available from IRCA (address in reference list). These maps denote the locations of all domestic stations on 1570 kHz., and 1580 kHz. respectively. These two frequencies have proven over the years to be two of the most productive domestic sunset DX frequencies. We have found such maps to be invaluable aids in DX'ing these channels, inasmuch as the location of a given DX station with respect to the sunset sign-off time lines on the sunset maps is often a determining factor as to which months it will be most likely to be heard. Those stations just west of the time lines in each zone (which changes every month) will be generally the first stations to fade up into audibility on the channel. These maps may be used to copy this data onto your own sets of Sunrise-Sunset maps, or, you may wish to record them on clear sheets of plastic in order to place them over each monthly Sunrise-Sunset map in succession, These maps will be available as a part of the reprint of "The Compleat DX'er", and will also be available seperately, both in the full size which corresponds to the aforementioned maps, rather than the reduced size used here in DX NEWS. (If you have a darkroom, and wish to blow it back up to normal size from the maps here, our reduction ratio is 70%, which means that these maps are 70% of the size of the original copy. That's a blowup of 143%. 142.857, if you're picky, hi.)

#### REFERENCE LIST

From NRC HQ: The NRC Domestic Log, The NRC Night Pattern Book, The NRC TA Log. The NRC Sunrise/Sunset Computation Charts (Reprint M4)

From IRCA HQ: The IRCA Foreign Log, The IRCA Domestic Sunrise/Sunset Maps, The IRCA World-Wide Sunrise/Sunset Maps.

From both: The 1974 Frequency-Check List, TVI Frequencies List.

From other sources:

The 1974 World Radio TV Handbook, pub. by World Publications, Denmark, available from Gilfer Associates, Box 239, Park Ridge, N.J. 07656.

The 1974 Broadcasting Yearbook, pub. by Broadcasting, 1735 DeSales St. NW., Washington, D.C. 20036.

A good, top-flight World Atlas, available from your local bookstore.

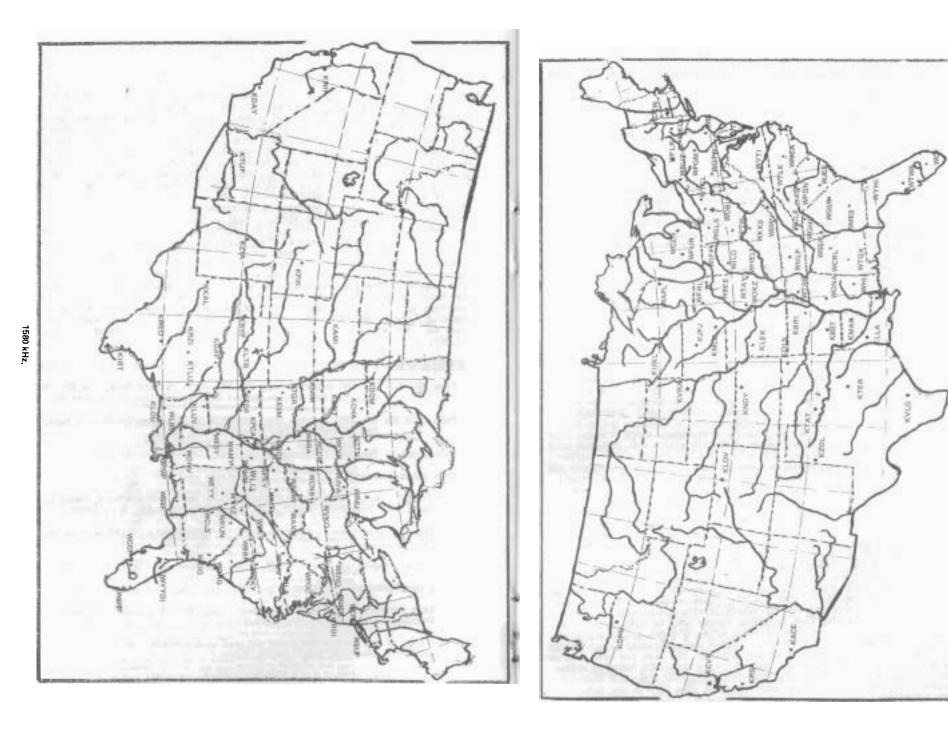
A Rand-McNally U. S. Road Atlas, also available from your bookstore.

As a supplementary source, the Vane Jones "North American Radio-TV Station Guide" published by Howard Sams Co., Chicago, is useful.

A copy of one of the "National Anthems of the World" record albums. available from your local record store.

Also, copies of IRCA & NRC reprints of station lists are most helpful.

(IRCA: 12536 Arabian Way, Poway, CA 92064 --- is International Radio Club of America)



BRUCE BOOMER - Ga. Tech. Box 30,500 - Atlanta, Georgia - 30332

I kept delaying my first Muse until I left Atlanta and my stereo with its worthless AM tuner to go home to my HQ-200. I'm primarily an SWBC DXer and have done a little BCB in the past but I've become fulltime BCB lately. MM 12/10 was the first MM I've been up since '68. I haven't logged any new states or countries but I've still got one more MM before I leave. I sent Wes some loggings and here are some others from Nutter Fort, W. Va. (a suburb of Clarksburg). 12/27- WTIG-990 w/NX strong 4:45pm, CKCH-970 w/FF-rr 4:55, WPRF-960 w/NX 4:58pm. 12/28- Giant pile-up of new stations on 1460 - WPON, KSO, CJOY, etc, w/ wPON on top 2:24am. WOHN-1440 was testing w/rr 2:55am. WTAX-1240 w/ID @ 3:50am before fading, WKAP-1320 w/rr @ 3:55 fighting w/le-Q. "WDBF Delray Beach" jingle IDed via tape @ 4:02am in the mess on 1420. On 1390 mixing w/WFBL ID for "14-0" @ 4:13am w/c/w & Canadian NX @ 4:15am. My old VJ Log doesn't list any Q Canadians on 1390 - was this Oshawa? 4:22am, WROK-1440 w/rr. CFCH-600 ww/rr 4:37. CKWW-580 mixed w/cky w/rr 4:43am. v/q- WHWB-1000. As you can see I'm nat very interested in veries except for good catches, new states, etc. On 12/28 I just let a tape run the whole time making it easy to ID stations. I don't know why I didn't do it before. I'll quit here and introduce myself when I'm back at school w/no DX. 73s. (Welcome to the NRC & Musings, Bruce! We'll be watching for that intro - but with DX, too! -ERC)

LARRY COWLES - 362 West Marcus Drive - Tucson, Arizona - 85706

Hi to all. This is my first Musing since re-toining the NRC almost two years ago. I was a member back about 1963-64 when lving in Pleasure Ridge Park, Ky., back when Jerry Conrad (Who?? -ERC) was going to school in Lexington. I see Gary Atkins is still around too. I'm now 26 and married & engineer at KCUN-TV. Equipment: Hammarlund HQ-200, SM-1, 3½' Box Loop & 85' IW. I'm also a member of the IRCA, some of you may know me from there. A few notes: KTAR-620 is not NSP. They have a RS SP SMs 2-5am. (MDT?? -ERC) KSUN-1230 is mow 1,000w day per promos on the air. KCGM-610 is now on with new calls, KRKE, Some recent DX: 12/25- XEBQ-1240 was on late for Chrisutmas, s/off 5:56am. KEDM -1580 was AN that morning. 12/25 also netted WLOP-1370 w/s/on @ 6, SSB, o/u KEEN. 12/26- KHAC-1300 on r/c 2:30-2:45, had SSB, s/on, TT w/IDs, s/off-SSB. 12/31- KAGO-1150 on top 4:25-4:50 w/ET, variuous tones, sounded like a PoP. That's it from here, Happy NewYear to all. 73s. (Welcome "home", Bill; Muse often!)

WILLIAM N. BLAZEK - 2716 Bellbrook Street - Hillcrest Heights, Maryland - 20031 CX have been so-so as of late, w/22 new catches during Dec., but I guess I shouldn't complain, as that's two more than the predeeding Dec., hi. DX during the latter part included: 12/22- WELD-690 W.Va. @ 4:55pm. Then on 12/23 WZAP-690 Va. @ 5pm. Reports to both. I wonder why I never went after either of these before! WWKO-1480 N.C. w/closing portion of s/off @ 5:15pm. I tried for more s/off on 12/27 but heard exactly the same portion. Fortunately, what I did hear was detailed enough for a report. WGCG-1000 S.C. @ 5:18pm. Still later, I thought I'd try 970 (usually rough here due to NSP screamer WRC), & 10, there was WJMX-970 S.C. @ 5:39pm. Reports to WGOG & WJMX. Last catch of 173 was WSAR-1480 Mass. @ 5:38pm on 12/31, surfacing briefly w/safe driving PSA & calls. WSAR makes 25 catches on 1480, making that frequency second only to 1580, match. On 1/1, I started off the new year by finally going after WFRB-560 Md. in spite of local WGMS-570. WFRB was there @ 5:15s/off. Veries were extremely disappointing in 72, w/98 reports sent \$ 59 replies so far, although the last few have been out only a few days. Veries since the last Musing: v/q- WWRL-1600 KGLC-910 WLBR-1270 WSWV-1570 WHDH-850 WPTR-1540. 'v/1- CHLO-1570 WDEE-1500 WIMA-1150 WZAP-690. v/r- WCBX-1130. v/f- KXIR-1150. I recently received some info on the McKay Dymek Co.'s DAB "shielded ferrite rod directional antenna" (looks like a glorified SM-2 to me) and the AM3 "solid state AM tuner." The units sell for \$127 & \$255, respectively, & if anyone is familiar w/these items or desires some info, just DROP ME A LINE. For those who might want to see a slide photo of WFLI's tower, check P. 92 of the Dec. National Lampoon, Hopefully, the energy crisis will cut into some of my local NSPers' broadcast time. Already, energy is so short here in the Washington D.C. area I'm afirad it may affect my ele\*ct@ti)c ty#pe"wrigter. (Hi, Bill - me tuu -ERC)

KARL FORTH - 630 South Ardmore - Villa Park, Illinois - 60181

Happy New Year: DX ending the old year was very good. Some 25
reports have g ne out in the past week. Recent DX at the end of 1973: MM 12/31was highlighted by a great opening to the NW - KVI-570 Seattle was in for a report
& tape @ 2:30 w/ID & into NX, my first Washington since KUUU-1590 was heard in
12/72. CFUN-1410 was in for a report between 2 & 2:30 - seems they are in many
mornings now mixing w/WING. WPRO-630 w/a very poor signal way u/KHOW w/WX at
4:36. I finally caught CKX-1150 w/promo & into NX @ 5. WCLE-1570 s/on @ 6.
WRIS-1410 w/ID just before WRMN signed on @ 7. WAWK-1140 s/spot & WX @ 7:39 w/
KNEI & WSIV in there as well. WTAC-600 Flint w/WX after 8. I was trying for
KSJB. The first new logging of 1974 was KOTA-1380 w/ID & CRS NX @ 1. Later,
local NX & WX for the Black Hills area @ 1:07. All times EST, natch. S.D. #9
for me. Verie time: v/q-wRUF-850-DX. v/1-WLCY-1380 WSAM-1400 WTQX-1570.

v/f- KMAV-1520-TEST KFDI-1070 WEVP-1230-DX WBIG-1470 CJRB-1220. v/CM- WCGH-

1150. v/PP- WAMI-860 KLRS-1360 & WCFR-1480. Best of DX in '74.

JEFF ROBERTS - 945 East Moore - Decatur, Illinois - 62521 My last Musing was a month and a half ago and a lot has been heard since then. 11/21- KSIS-1050 Mo. all over the channel w/a strong s/off @ 6pm. KIUE-1280 Tex. in fair @ 6:15 w/s/ ff. SM 11/25- WFMC-730 N.C. heard s/on @ 6:02, then into c/w, good signal, overpowering the two IAs. WGOM-860 Ind. w/ID, rr at 7:44, mixing w/several others. 11/27- KWPB-1140 Mo. atop w/c/w @ 5:52. This was an extremely Auroral morning w/WRVA completely ab ent. I also heard KORC-1140 Tex. s/off @ 6:40 on this same evening. Their signal was quite weak. 11/29 - KDFN-1500 Mo. atop w/c/w @ 5:55pm. The highlight of November came when I caught an ID from KXIF-1370 Butte Mont. @ 1:18am. This was on a \$25 Panasonic portable which enabled me to null WSPD, superpest. The exact words of the ID were "It's 11:18 in the Mining City." State #42. SM 12/9- WMGS-730 0. s/on & into c/w, rather weak. 12/10- KBEW-1560 in Blue Earth Minn. (of all places) was atop signing off @ 5:47. This is the first low-powered Minn. station ever heard at SSS in my shack. Very unusual CX noted @ SSS 12/12. Hardly anything coming in from the S, W, or NW - just the Canadians bombing in. 12/13- Excellent CX. WBZ was in @ 3:40pm (2:40 Decatur time). WWUN-1590 Miss. in w/local WAIK w/r5 @ 5:20. KOKN-1500 Okla. was coming in strong @ 6 05pm. 12/17- KPCR-1530 Mo. TEST heard from 3-3:30, thanks to Carl Dabelstein for the tip. Signal excellent and a report sent. 12/24- KTAR-620 Ariz. heard for the first time w/the Panasonic portable facing W, fair signal. No trace of it on my DX-150. More later. 73s.

KEN ONYSCHUK - 12934 Page Court - Blue Island, Illinois - 60406

Firal Muse for 73. I hope 73 has been a good one for all concerned. A bring sketchy summary of new catches in December: KTSA-550 Tex. during KSD SP 12/24; WFAA-570 early 12/22 in WIND null. KTAR-620 finally caught WTMJ off. I waited a whole hour for positive ID @ 3, on 12/24, state #38. WAGO-690 12/24 @ 11:35 w/Christmas mx, Ae NX, ID, o/u KSTL w/minor WMAQ slash. KWRE-730 Mo. @ 6:05pm in MRN null. Bill Berg was quiet just long enough to catch this hot one. I put up w/WBEM splash just long enough to catch WAKY-790 12/26 @ 9:30 w/rr, ID # 510 in the book. One night last week while listening to Herb Jepko/s might cap on WHAS-840 I heard mx. I stuck w/it till midnight to catch a moment of WHAS quiet & got St. Lucia, Windward Islands! Unfortunately I forgot the date. Also WLCS-910 la. while putting up w/a little more WLS splash than usual. I caught brief ID late 12/22. WCFL-1000 off early 12/24 - I heard SS probably XEOY. WUBE-1230 O. w/brief ID @ 1:25 w/WX & river conditions. Also very weak ID of WQUA just minutes before. To date, 12/26, 510 in 38 states, four provinces, Mexico, Cuba, Jamaica, Dominican Rep. & Venezuela. I hope all NRC members will fill the New Year's issues with bright informative and often Musings:

ROY H. MILIAR - Box 508 - Everett, Washington - 98201

Hello! December good to this "hungry" DXer w/five new loggings: 12/3- CKGY-1170 Alta. ID ham & taped till 6. 12/9- KUPY-1450 Wash. (ex-KPUY) ID hpm. 12/10- WHHY-1440 Ala. ID 4:3lam. 12/14- KEIN-1310 Mont. (ex-KKGF/KFBB) ID 5am for Montana #50. 12/24- CHPQ-1370 B.C. (//-CHUB-1570) ID ham & logged intermittantly until 6:59am w/tough interference from local KRKO-1380. Veries: R. Paradise-1265 & CKGY-1170. Former most welcome, as together w/last Summer's WXLE Canton Is. verie gives me two new countries verified in '73 as I press on towards the 100 mark! By the way, the KUPY logging was #70 on 1450! Thanks Part C. for the tip on CHPQ - I'm surprised at its proximity to CHUB, but domain ammounce as Parksville/Qualicum, so probably 20 miles or so NW of CHUB.

AIAN IMPRESCIA - 201 East 17 Street - New York, New York - 10003

Greetings folks! DX has been a little slow over the past week, I assume that's due to the unusually warm WX we've been experiencing here on the EC. Here 'tis anyway: 12/24- WKCW-1420 pn RS @ 4:20pm w/c/w. WJSM-1110 (finally) on RS @ 4:25 to s/off w/religion. WAKS-1460, Fuguay Springs, N.C. in o/all on RS @ 4:45 to 4:53 w/local NX. WEYY-1580 (finally) w/c/w, then s/off @ 5:45, being alaughtered by CBJ. 12/27- WPKY-1590 @ 5-9 w/sports and into sfoff @ 5:19, to 5:15/ I also noted that KXEL & WMBR were booming in at 5-9 @ 5:15pm! 12/29- WQTW-1570 @ 4:55 to 5 s/off w/rr @ 2-3 w/terrible splatter from my "friend" WQXR. WQTW uses old Roy Rogers' "Happy Trails" as s/off theme, & announcer says that they are signing off to conserve energy. Also on 12/29, WYDE-850 w/good signals u/WHDH w/c/w @ 5:35-5:55. I stayed up ALL MORNING this past MM to find NOTHING again! This was my second MM in a row that I didn't sleep, and didn't log, hi! Maybe I should stick to SSS DX? I did get a short log on WSIP-1490 w/rr RS @ 3:02am but this is tentative. Also I noted Germany-1586 as strong as it's ever been here giving WETT trouble! Veries this week were: v/q from R. Paradise, WINC, WELV. v/1 from WZIX WPJD for 12/17 f/c & nice friendly v/1 from WGLB for TEST of 12/23. I have noted that 1580 seems to be my best frequency - it seems if I park myserlf on 1580, I log a new one 75% of the time; 23 logged already. Anyone else find this true? I have been a member for two weeks now, and received the 12/27 DX NEWS, but no NRC Log or new member packet as yet. Was there a mix-up, or is this the "good old post office?" I don't mean to get on the mail service, but it seems every time I wait for something, I find it's been lying in my local branch for two weeks! Well, I'm running out of space, so to everyone, the very best of the New Year and lots of DX for everyone. 73s.\*\*\* 1580's always been best SSS freq.; NMKs went 12/31-

MARTY WRIGHT - c/o C. D. Hadsell - RR3 - Springfield, Illinois - 62707

I'm an old DXer who hasn't been active since 1960, but here I am again and it's a while new ball game for me as I have never DXed from my present location. I started again 12/2/73 & December proved to be one of the greatest months I have ever had. I reported 64 stations in 29 states, Canada, Mexico, & Netherlands Antilles. Best catches were WANI-1540 KHOB-1390 WVOJ-1320 KWIA-1530 KDXI-1360 KROD-600 KANO-1470 CKCY-920. 1974 started off pretty well too with WSPA-950 KIXZ-940 on 1/3 RS, & WPCF-1430 1/4 RS. I don't have a good RX yet, but logged my 64 stations on a little Sears solid state portable with built-in antenna. It has been rather a challenge using that equipment and I may use it some after getting better receiver. I am glad to be a new member and look forard to a lot of fun with NRC. I was a radio newsman for 27 years, and for the last year I have been University Relations Officer with Sangamon State University in Springfield. The most productive frequency for me has been 1320 w/a different station there almost every night. 73s. (Welcome back, Marty! Be sure to Muse regularly - and enjoy NRC more! -ERC)

JOHN D. HATHAWAY = 1912 Rebecca Drive - Champaign, Illinois = 61820
Fri. 12/14 @ 10pm WCHS-580 W.Va. 10:15, WIBW-580 Kan. 10:36
WELO-580 Miss. QSLs received: WETE-620 Tenn., WRTL-1460 Ill., WLEH-1170 Ill.
who said they hope to move to new location in 60 days at which time they'll boost power from 250w to 5kw; WIBC-1070 Ind., WXLW-950 Ind., WMBI-1110 Ill. 12/15 @ 2:25pm WILL-580 Ill., 2:28 WOI-640 Ia., 2:31 WAKY-790 Ky., sent report. 3:55, WRFD-880 0. sent report; 5:31 WDAF-610 Mo. & 6:05, WAYE-970 Ky. Mimeo v/f received from WEVP for DX broadcast. 12/16-1:14am, KGLC-910 0.K., 2, CFRB-1010, 2:12, KDKA-1020, 2:18 WEE-1030, 2:21 XEQR-1030, 2:36 WJBC-1230 Ill., 3:08 WBT-1110. 12/19-6pm, WILB--1320 sent report. QSLs received: WIEV-1260 Ill., KMAV-1520 TEST N.D. 12/20-KFMC-1560 Cal. #669, sent report, received v/q. 12/30-At 3:45am WHB-710, 2pm, KWMT-540, 2:05 WKRC-550, 2:17 WIND-560, 2:19 KSD-550, 2:25 WILL-580, 2:26 WRTH-590, 2:3 WMT-600, 2:50 WRUS-610, first time heard in six years at this location, #670, sent report. Best 73 & DX.

BILL FAIT - 346 Walworth - Cleveland, Chio - 44132

No change in local AN conditions is expected. C.E.I. says there's no need to save power. They've beensusing cheap coal & making Cleveland's air stink for years. Someone should get Ralph Nader after them! Last week an announcer on WERE-1300 casually mentioned that, due to the energy crisis, their XR will be powered by seven chipmunks pn a treadmill, turning a 5kw generator. WHK -1420 was off a few nights last week for repairs. Only v/q this week came from WCPC-940 Miss. My best logs for Dec. were: MM 12/17, I nulled Cuba, hoping for KKKK-630 CPC, but heard WPRO w/rr instead @ 2:10. No DXing over the holdidays. 1/3 brought KFH-1330 w/sports, WX & local NX @ 11:25pm. 1/4- KARN-920 w/local ads o/wMNI, @ 12:20am & KGLC-910 very good w/rr @ 12:45am. WJW-850 at N. Royalton is now 100% MOR. No fazz any more on WJW. 73.

CHARLES REH - 34 Garrison Avenue - Leamington, Ontario - NOH 2P2 Here's what's been heard in the last two months: 10/29- KOGO-600 Cal. 2:35am w/Hour of Decision. 11/5- Auroral CX. WNVY-1230 Fla. 1:39am. KWYK-960 N.M. test w/TT 3:30am u/CKWS & o/WERC. 11/6- WSSV=1240 Va. w/rr 2:08am. 11/8- WPGD-1550 N.C. ET/mx ending @ 2:10am. 11/12- FAJ203-656 Spanish Sahara lam s/on. 11/19- One I've been after for a long time, KFWB-980 Cal. w/NX w/WRC & KMBZ on OC & WONE very weak. 11/24- WPDC-1600 Pa. TEST w/mx & code IDs 2:06 am; WOKK-910 Miss. ex-WCOC 4:30am w/worst DJ I've ever heard. 11/25- KPBC-1040 Tex. (ex-KIXL) w/religious mx @ 6pm. 11/26- KROD-600 Tex. s/off 2am. 12/2-WBCW-1530 (new, Jeanette, Pa.) ET/mx u/WCKY 12:03am. 12/3- WGAR-1220 SP netted CJRB-1220 Man. w/NX //-950-1250 @ 1:03am; KMAV-1520 N.D. TEST w/only ID heard @ 3:25am, a real toughie, way u/WKBW. 12/4- WKTY-580 Wis. s/off 3am w/CKWW off, WKTY must be off AN. 12/7- WGRG-1110 Mass. w//NX 4 03pm. 12/8- WTUU-1520 (ex-WTTO) w/AN c/w show u/WKBW. 12/10- WHIM-550 Pa. DX pn top w/day pattern 2am; nothing on night pattern. They switched patterns every 15 minutes. 12/17-WKKO-860 Fla. TEST u/CJBS TT 3:30am. 12/27- KRAD-1590 Minn. w/ET/TT o/WAKR, ID @ 1:22am. 12/29- WSNE-1170 Ga. ET/TT/OC o/u WWVA, IDs @ 12:30 & lam; WJNJ-1600 Fla. 5:31pm s/off for Fla. #100 heard. 12/31- 2:15am s/off-SSB on 1530 2/1,000 night power would seem to indicate Cheyenne who have been reported off the air. Call did not seem to be KCHY though - is this station back on and if so what is call? A real weakie on 1580 looping SW/NE would seem to be KRZI-1580 Tex. @ 3:15 bothered by slop from CHLO-1570 (one of worst splatterers around) & heavy static. So far this season has had the noisiest CX I've ever noted in 12 years of DXing. On the AN scene - WHK-1420 & WMEE-1380 have both had MM SPs during Dec. so maybe permanent. WOC-1420 is now AN-6 w/MM SP starting @ 1:30am. CFTR-680 Ont. has been noted off the odd MM recently. WGAR#1220 seems to have an SP every four months. Next one should be the first MM in April. Re DST: On 1/6, B.C. will go DST & there is a strong possibility that Ontario will do the same. All for now - best DX & 73s.

BRIAN VENNON - c/O Sherritt Gordon Mine - Box 1000 - Leaf Rapids, Manitoba Great season so far! Recent DX: 12/16- KVCK-1450 w/Mont. NX @ 12:10am, KRUX-1360 w/"This WEek in Phoenix" @ 5:03am, & farm talk till 5:18. 12/21- KRWB-1410 w/end of hockey game, ID @:10:53pm. KMDC-1490 BKB half-time @ 11:18pm w/ID. 12/24- Great MM! CJPG-550 w/NX @ 3am & u/WSAU w/NBC "Meet the Press" @ 4:38am. CKUA-580 s/off @ 3:05, CKAP-580 @ 4:50am w/EZ mx & ID, amazing-ly my #1 Ont. & incredible signal here. CHED-630 u/CKRC w/rr & ID @ 3:15am. KIRO-710 @ 5 13am w/stereo-101 community action list. 12/26- KXIY-920 s/off @ 3:06. KUUU w/WX @ 3:21am. KBBQ w/Chev dealer @ 3:27, both battling for 1590. Now 209 logged here since Oct. WSAU made #200! Just one more, KARR-1400 12/26 @ 5:08am asking listeners for reception reports of KOPR-FM! New CBC EE station CBQ op. 12/17 C.P. for 800k? (??-ERC) Best of CX to everyone in 73 - a11 the best from Manitoba N W. All times were EST.\*\*\* CBQ-Thunder Bay, old allocation

DARYL A. BELANGER - Box 495 - Swan River, Manitoba

Here is a mini-Musing as DX of late has been reduced to a minimum due to horrible noise levels, increased workload & an inability to stay awake on MMs. Here is what has been heard since last Muse though: 11/26- KAMA-1060 1:02-1:05 on f/c-TT & ID @ s/off mentioning 10kw. Just after 3, two weak IDs heard in noise from KEEY-1400, & not muchelse. 12/3- HJCV-1190 R. Cordillera in w/a couple of IDs & mx mixing w/KhYQ, after 1630; ... KGNO-1370 w/ID & program on FM caught during simultaneous s/offs of KSUM/KDTH @ 1. KMAV-1520 mushy signals in KOMA OC, 3=3:08, in the clear after this w/potent signals & singer imitating Johnny Cash big hits, clear copy on IDs. To 12/10 w/KFII=1240 poor copy of s/off @ 2:07 due to fluttery signals, some noise. KIWA-1550 mixing w/KKHI till their s/off @ 3, in the clear w/some fades after till 4 01 tuneout, good TEST. 12/17- On 1530, KPCR fighting it out w/KFBK 3-3:30 and getting the upper hand just before they s/off. 12/24- at 3:19-4, KPOF-910 in w/Christmas mx and "Mx all through the Night", ID on hour. KYXI-1520 4:43-5:05 tuneout w/instrumental mx & NX on hour w/several IDs fair to good w/some fading, KPOF reception was also like this. And finally KAQT-1090 12/28 @ 5:15 on a digital clock radio w/one ID, then cracing to the good radio for end of NX & s/off @ 5:30pm. A surprising logging as noise levels are so bad at this time around here that hearing anything but a local is almost impossible. So much for all my DX, totals to 538 heard. Veries? Yes, v/1 CJVI-900 KB0I-670 KAMA-1060 KUPD-1060 KIWA-1550. v/Xerox- KMAV. I would be interested in hearing from any tapesponders in the club - just write

STAN MORSS - Route 3 - Bradford, Massachusetts - 01830 12/14- AN-FF on 1450, ID sounds like CHEF to me. 12/17- I took a report on WKTQ 1:50-2:10am. Italian on 1410 @ 2:15?? CFMB maybe? TT also w/no ID. Hum-like tone on 1540 2:24-2:40, no ID. KPCR-1530 Bowling Green, Mo. on TEST 2:44, thanks to Carl Dabelstein's card - some KFEK. WVNJ-620 ID @ 3:55. Verie & bumper sticker from WASP. Power out @ 4:15am due to ice storm & not back till noon. WKOX-1190 lost its tower, off the air till 12/19 PM. Signal on 1350 calling itself "Annapolis Valley Radio" & call at pattern change - sounded phonetically like CKEF - a call change; or poor pronounciation. Canadians must change patterns & power like Mexicans as this was @ 5:45pm EST or 6:45 AST, well past sunset here by at least one hour and probably 1 3/4 past sunset anywhere in the Annapolis Valley. 12/21- WTQX-1570 Selma Ala. to 5:45pm s/off w/only a strong hum-like tone for company - did not seem to be a het - seemed to be right on 1570 - maybe XERF warming up? 12/24- WEAN790 noted AN this AM as well as R. Rock again on 1190 around 2, but nothing new on a so-so morning with XEPRS in like a bomb and semi-locals weak. \*\*\* Yes, is CFMB - RjE

RON B. SCHILLER - 1951 N.E. 28th Court - Lighthouse Point, Florida - 33064 Veries in from WDOG-1460 WAME-1480 XEROK-800 WPIA-910 & WDAT-1380 (Fla. #92). 12/24- WXOK-1460 Baton Rouge s/off 1:01-1:04. WVOJ-1320 Jacksonville booming in 1:20-1:30 w/c/w, local WGMa off. WMAK-1300 Nashville o/u WFBR w/Jim Crose records 1:37=2:01. Unn WKKO-860 s/on 7am. 12/26- WJCM-960 Sebring u/WERC & an SS 7-7:17. WPCF-1430 tough copy u/WQPD 8-8:21 w/pop mx, later c/w. 12/27- WQTY-1000 Montgomery 5:40pm on car radio & by the time I got home, only SS heard: 12/28, I took a log on R. Paradise-1265 5:50-6am after seeing that JMP had received a verie. A Haitian atop 1330 in FF 6-6:30am & on subsequent morning, I presume 4VW Port-au-Prince. Some EE pop records as well as FF pop mx. Tas that SSS on 1394, 1457, 1466, 1554. FF on 910 @ 5:30pm, probably the Haitian. I enjoyed Page Taylor's article - now if I could only figure a way of using my assistant & my two secretaries to set up the charts & files I'd be all set! 1973 saw a return to DXing in October after eight years away: net results in just under three months, 88 new loggings and 35 verifications back so far. 73.

CESAR F. OBJIO - Calle Enrique Henriquez #49-A - Santo Domingo, Dominican Republic Hi. friends. It is a long time I don't visit this column, but I am still alive. Some days ago I was in bed due to the flu a d had time to read "The Day of the Jackal", very good book, you can't stop reading, but there is one big mistake in the writing; Trujillo was not killed on January 1961 as Frederick Forsyth says in his book but on May 1961, we remember that date very well, who can forget that, and begides I doubt a marksman could get his car travelling at about 80 or 90 miles an hour on a dark road at about 10 p.m. That is really difficult, naturally it supposes to be fiction, as it is. HIZ-730 incresed power up to 10kw. As you can see in my list of Dominican stations HIFA is still mentioned in 1600 even though they are currently in operation on 1380, but Telecomunicaciones said they will be back on 1600 soon. A very good friend of mine came to this country on December 16, he is Victor Jaar, who is now living in Montreal. We had a very good talk all about DXing, and he could see my shack which he liked. Yes, Our countty is now as AST (GMT minus four hours), decreed by the President till January 21. On December 19 at about noon R. ABC-540 was off and electricity was also off at home. I tried DXing with my transistor set and the loop and I heard R. Perija loud as a local station, I was really surprised Other stations came in also strong with the loop at NOON - this is really great. A very Merry Christmas and a Happy NewYear to you all, and remember if any of you come down to Santo Domingo, please let me know & I'll help you around here. See you later. 73 in 1973.

HANK WILKINSON - 6620 Beeman Avenue - North Hollywood, California - 91606

I have managed to get in some DXing in the past several weeks.

Reports out to R. Paradise-1265, R. Capital-1125, R. Colosal-1005, R. Dominica595, & R. Malaysia-1475, Kota Kimabalu, Sabah, Federation of Malaysia. R. Paradise verified w/a fine v/1 & card within ten days. I will take the HQ-180 in for a thorough check this Summer. I have been thinking about purchasing a Drake SPR4. I have promised myself more time at the dials in the future. Only two years to go until retirment. 73s.

HARRY J. HAYES - Star Route - Box 2266 - Gouldsboro, Pennsylvania - 18424 EST. I will be at my Thornhurst location here till mid-January. I'm using a Master-work combo AM/FM/Phono w/no external antenna for CX. CX this Christmas week are nothing short of fantastic. Things got going on Christmas aftermoon & haven't stopped since. 12/22- Bad CX, 8:13pm WKAZ-950 W. Va. "Super 95". 12/23= 2:56pm, WHPA=1590 Pa. in weakly; 10:28 WAKR=1590 mixing w/WQQW. 12/25= The DX started rolling in around 3pm w/an early appearance of WRKO. 4:20, WCAR-1130 o/WNEW at times. 5:10, WHEB-750 L&C till 5:30 s/off. 5:58 WFAN-790 R.I. 6:07, WAKY-790 Ky. first time noted, rr, screaming announcer. UnID SS on 830 @ 6:18, sounded Mexican. 6:37, WMMN-920 W.Va. w/miners' work sked. 12/26- 12:09am WCFR-1480 Vt. testing, TT & call. 4:34pm, WRED-970 strong w/rr, not heard in three years. Finally good CX to the Ware back. 8:30, CJRP-1060 Que. completely dominant o/KYW, on tape. WHHH-1440 O. very strong w/EL. WSLR-1350 fair w/c/w @ 8:43pm. 10:50, CHUM-1060 way o/WHN. 12/27-4pm, WKFD-1370 R.I. "Lighthouse Ridio". 4:30, WHWB-1000 Vt. very strong. Tentative CKTS-900 @ 4:34. UnID--1530 giving Mich. WX o/WCKY @ 4:45. 12/28= 3:25pm WEZE-1260 Mass. making emrly appearance all alone. 3:41, WINH-1350 N.H. very strong @ times, on tape. 3:54, CHIN-1540 smashing WPTS-1540 off channel: 3:57, WFMJ-1390 0. in fair, first time here w/rr. 4:20, WCAR-1130 completely o/WNEW at times; 4:23, highlight of season: WTHM-1530 Lapeer making it in L&C at times past a very weak WCKY from 4:30 till 5pm. s/off. I have several IDs on tape. Mx seemed to be mix of rr & c/w; yesterday's unID. 5pm, WBTX=1470 W.Va. WYAL=1280 N.C. on s/off. WHEB way o/ WSB again, till 5:30 w/off. Total now at 514 heard. For Christmas I received a Panasonic cassette tape recorder from my sister which made taping of above possible. I know I'm over 20. Bye. (So'm I, Harry - way over -ERC)

JIM POTERBA - 949 Queens Drive - Yardley, Pennsylvania - 19067 How do! Getting right into latest DX: 12/22- WNCG-910 s/on 6am, WEIN-1520 s/off 5:15pm. 12/23- WBIS-1440 tentative s/on 6am - is this they, Ron Musco? MM 12/24- Only three interesting items, WGNT-930 atop channel 2:30am, the new WFMF-1060, in Titusville, Fla. w/Christmas mx from 12:30 till 3:30 - IDs once per hour. WEAV-960 a rarity frim northern N.Y. s/on 5am. WEIS-1000 s/off 5pm, & WAEW-1330 s/off 5:15. 12/25 was poor, w/just CFLV-1370 noted running AN talk show, & an unID on 1325 - who was he, ERC? (Last year R. Columbia, Costa Rica, was noted there -ERC) 12/27- WCRE-1420 s/off 5:15 for another newie. 12/ 28- CFBC-930 alone w/rr - a sure sign of good CXI WNTN-1550 ETing 1:30am, & an umID K-call ETer under him. Did anyone catch that one? WEMD-1460 was noted @ 5:17pm. 12/29- WIXZ-1360 pattern/power change 5pm, & WHBG-1360 s/off just after that. WRIE-1330 in w/rr 5:15. 12/30- WCAW-680 5:07pm while still on day rig, & a CBCer on 630, looping way out to the E @ 5:09pm. CFCY, right? No, as a call to NJPC proved it to be just CFCO, Chatham, Ont., so I guess we add him to CBC net. 12/31- 960 was open, no WERC moted, so just a WRFC Ga. ET & CFAC Calgary. After two hours of listening through perhaps the most boring thing a station can run (NAB test - tones) I still didn't have a log on KABL or KOOL. I'm SURE they were in there, but maybe next week. Veries back from WBFD-1310, WUCR-860, CHRC -800, KKJO-1550, WJOE-1080, WLEA-1480 WEAG-1150 WRUF-850 KIOA-940 WAVS-1190 WCEC-810 WTGR-1520 WMOP-900 WCJW-1140 WIIA-1580 WLBB-1100 WRPM-1530 KIWA-1550 WZIX-1350 WCIN-1480 & after 11 months & eight reports, KGEM-1140. Totals as we enter a hopefully good year of 1974: 1432/892, 48/48, 9/9, 55/36. 73s.

ROW MUSCO - 16 Chestnut Drive - Windsor, Connecticut - 06095

A New Year is upon me already and a quick glance back shows 104 new stations for '73 and 93 veries; way off my '72 pace. I'm hoping to take advantage of the EDT change coming up. Mike Collins was a recent visitor here for an enjoyable visit. The ice storm that hit Connecticut wiped out mu current also, so nothing was done in the way of DX but trying to keep warm. At one time or the other WHYN-560 was off as well as WINF-1230. DX: 12/17- The KPCR-1530-TEST 3:00-3:22 in fair & the WKKO-860-TEST 3:30-3:45 u/another tester w/; ots of OC & intermittant TT. Who was that with a tremendous signal? 12/27- WTHM-1530 in 2:45-2:52pm when covered by WCKY. WTHM with many spots & rr. With WPTR nulled @ 3:05pm WRCP w/NX & someone in what sounded like Italian - MC says CHIN. (MC? - ERC) 12/30- WEHJ-850 w/WHDH partially nulled for Ra. #16 3:55-4:15pm; barely readable but a few spots heard. 12/30- TT on 1460 @ 11:45pm for five minutes, then off to return @ 11:55pm to midnight off, and never heard again. Who's this? A PoP? Anyhow 12/31, WMBR-1460 @ 12:01am w/TD & then half hour of religious mx w/WAXC nulled. Best wishes to all for the New Year. 73. \*\* Is CHIN. -RjE

JON E. PEARKINS - 6137 Service Street - Burnaby, British Columbia - V5H 1V7

Hi! Last call for people interested in somping up their HA-230
w/a minimum of effort. If Raul Daplyn (Box 1348, Brockville, Ont. K6V 5Y6) doesn't get more response than the pne postcard from an NRC member that he has at
present, the article will be canned. He really worked a wonder with mine! This
will probably also be of interest to people with other Lafayette tube RKes as
well. Christmas season has been as busy (almost) as the rest of my university
career, with many computer programs to write before 1/7. I did manage to have
visits from Theo Donnelly (NZDXRL and ex-IRCA), who is AN on CJVB these days, &
Bruce Portzer. Tentative Panama-1025 12/29 & HJDP-1040 & 4VEC-1035 have both
been noted with excellent signals lately. A bigger saving of energy could be
gotten by outlawing hams than discontinuing AN broadcasting on BCB, and there
would be no loss of jobs in a very unstable time. 73 and good DX.

CHRIS A. ABEKGROMBIE - 3220 Apple - Apt. 10 - Lincoln, Nebraska - 68503 (Forwarded to ERC by HQ-NJPC) Thank you for your fast reply to my membership application. I have been interested in DXing for about ten years, but don't have much time to participate right now as I am the morning drive announcer at KIMS & I relieve the all night man at 5 a.m. KIMS is a fulltime 1,000-watter on 1480. We are in brand new studios (since 10/15/73), but our XR was manufactured in the 1940s. It's an RCA. Our most popular nighttime lobe (for DXers, that is) goes almost straight N. We have a file drawer full of reception reports from Minnesota, the Dakotas, and Canada. Always glad to get a few more, however. We run ETs w/the XR on almost every MM from mid might to 5 CST (soon CDT, I understand). The engineers are constantly turning the carrier off and on, so you might try several times during the period if you are interested in getting us. Even though I have not done any serious DXing lately, I did receive KYW from Philadelphia (50kw, DA-1) at 4am CST on a SM several weeks ago. First time I personally have ever heard them. If any of you hears us, our CE, Carl Lewis, sure would like to know. 1480 is really busy in this part of the country, and distant reception reports feel especially good in light of that. Best of luck. I'll try to use abbreviations in the next letter. the NRC, Chris, and via "remote control" to Musings! Send your reports to this Brooklyn address at the head of the beginning of the section. -ERC)

STAN MORSS - Route 3 - Broadford, Massachusetts - 01830

12/29-Nice Oriental mx on 14-57 @ 4:43pm, later, German, so I guess
umn Tirana. WBSC-1550 Bennettsville S.C. in well 5pm. 12/31- Looking for "R.
Rock" on 1190 netted R. Barimas in Venezuela to 2am s/off w/Venezuelan National
Hymm - new s/off evidently as all "Rock" & "Cordillera" the past few weeks. TT
on 1380 3:25am, no IDs. 1/7- WEZE-1260 had one hour SP 12:30-1:30 & WRKO-680 off
all AM. 680 had WPTF & CFTR. WPTF's Interstate 68 all c/w list like WET & for
truckers - close competition - both in same area. WGL-1250 ID @ 1:31. WOR also
off RS but lots of OC etc. CJRN in backgrounc. WAKY top dog on \$90, no sign of
WTAR. TT also on to 3am, ID @ 3, but too weak to copy. WCTW-1550 New Castle,
Ind. test 3:23, OC & mx. KPCA heard well on TEST w/a bad het on up-side, no
sign of KRZI that was mentioned as giving trouble. WSRF-1580 testing @ 4:30.

ERNEST R. COOPER - 438 East 21 Street - Carrier Route 56 - Brooklyn, N.Y. - 11226 Swell v/1-CM from WSMD-1560, logged during WQXR's "illness". One good thing about the new DST is it gives me a chance to do SSS in the mid-Winter as I get home around 5:30 to 6 p.m. On EST, it was after s/offs of the daytimers possible here, but now, I can get to fiddle & diddle. MM 1/7- Locals WOR-710 & WHN-1050 off but doing lots of testing off a d on, mostly on. With WHN off, 1060 was populated by CJRP & a Cuban w/YL announcer. Another FFC s/off @ 2:02 on top of 1350 - Canada's still on standard time, remember. Much louder than usual today were Big Al Knight on WHOT-1330 and the YLed Cuban on 810. Then came time for the KPCA-1580-TEST. It took everything the HQ-180 had, plus everything the SM-1 had, to bag this one - S-4 at best, but we done it, to coin a phrase, hi. I think I had Stan Morss' R. Rock on 1190 from time to time, but not strong enough to log - this is WEMJ, now SS-rr, ex-EE-rr, says IRCA. 1/8- Unn WKRA-1550 s/off @ 6:31pm weith a booming 10kw signal - this one's easy any day. Then. SS-speaking WRIZ fights CBE till their 6:45 s/off (January). There's a 1 kw W who s/off @ 7, still unIDed - on 1550 too, but way u/CBE. First objects on SSS here are: WREX-1530, WJSM-1110, and several on 1000. CUN 7.



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