We are happy to announce that we are once again able to obtain geomagnetic information for publication in the bulletin. At present, we have only planetary indices on hand, but expect to have the Fredericksburg indices available shortly. We will not revive the familiar graph for the A-index until we have the Fredericksburg data on hand, however, we will publish the planetary index in tabular form in this issue for the month of October. Therein lies the drawback in this current system: we will not receive the data until some 4 weeks after the end of the month covered. Oh well, at least we've got something, hi.

We have a number of photos from the convention on hand now, and we hope to get them all into this issue, but it's kinda doubtful. We'll also be running some other photos soon.

The NRC ANTENNA MANUAL is, as previously noted, OUT OF PRINT at present. We are currently engaged in updates of the material in terms of parts availability, and will be running into a second, revised printing, hopefully in February. In the meantime, DO NOT place orders with the Publications Center for this item.

ON THE INSIDE...........

* Domestic DX Achievements - Charles Wolff
* RFS Latin Split List - Ron Schatz
* Veris Signers - Ernie Cooper
* Convention Photos - Various

NEW MEMBERS

* Bill Korsch, 27 Olive St., Galesburg, IL 61401 (re-joins)
* Charles Zipser, 100 Booth Rd., Marietta, GA 30060 (re-joins)
* Russell James, 3 Radina St., Oak Park, Victoria 3046, AUSTRALIA
* Bill McGarry, 3410 Peninsula Rd., #225, Concord, CA 94520
* Rick Newman, 3647 Cherokee Ave., Las Vegas, NV 89121
* Carl Yenn, #711, 5777 Ridgeview Dr., #1, Cedar Rapids, IA 52404
* Jim Barile, 33 Cypress Rd., Windsor Locks, CT 06096
* Brian Goslow, 45 N. Ashland St., Worcester, MA 01609
* Mats Andersson, Krongatan 4a, 752-38 UPPSALA, SWEDEN

RENEWALS


Skip Pabelstein (W3SEV) announces another NRC ham confab, not a net, but a check-in on 3900 kHz @ 0200 ELT M-Th, to exchange late tips. Ross Hansch, (W9SO) will also be in there. Non-hams (or non-lowband hams, hi) are invited to listen in for info.

Linda Brodel notes that Harrison Electronics on Long Island currently has two HQ-180's in stock. One is modified somewhat and is $225, the other is $300. No further info available, but if you're interested, call to see if they're still there.
C. P. C. TEST SCHEDULE

MONDAY, DEC. 20
- 0000-0200 * V9EF-1200 * Hanover, NH
- 0200-0300 * V9EF-2000 * Huntingdon, PA
- 0200-0300 * V9EF-2000 * Westfield, MA
- 0300-0400 * V9EF-2000 * Portland, ME

[Tuesday, December 21]

[Late Info - sent via FAX]

MONDAY, DEC. 27
- 0200-0300 * V9EF-1200 * Milwaukee, WI

SUNDAY, JAN. 3
- 0200-0300 * V9EF-2000 * Worcs., MD
- 0300-0400 * V9EF-2000 * Bellows Falls, VT

MONDAY, DEC. 31
- 0200-0300 * V9EF-2000 * Kenmore, NY
- 0300-0400 * V9EF-2000 * Portage, WI

TUESDAY, JAN. 2
- 0200-0300 * V9EF-2000 * Chicago, IL
- 0300-0400 * V9EF-2000 * Westfield, MA
- 0300-0400 * V9EF-2000 * Portland, ME

SUNDAY, FEB. 4
- 0300-0400 * V9EF-3000 * RC-1200 * Grant's Pass, OR
- 0300-0400 * V9EF-2000 * Mineral Wells, TX

[Editor's note]

Greetings. We're going to start out this time with a report from Jim Young of Wrightwood, California, which I'm going to run separately from the rest.

"I must say that unbelievable QSOs have existed in the W9CA starting 12/3, w/the weather so bad. Since moving to Calif. (11/4) I have never heard a single bonified TA in the Missouri River Valley, and finding it I'm going to run a separate one. For I found no polar flutter as normally noted. Alabama on 5057 came QSB free, and later in the evening, AFAM was noted on 6042 was unusually QSO free. During this time TA, was noted on both NM and MI in quantity! This was noted on 12/3, but was to the same degree on the next evening. My TA log after noting the lack of QSOs on the SW stations, was Morocco on 209 kHz. Strong and clear, later France came booming in on 196 kHz. Super!!"

204 - FRANCE Allsoul at 0536 to past 0543 w/PP mx, amas, TG at 0550, ID, likely

173 - USSR Yakutsk, RR talk by a voice at 0614. ID to past 0717. 12/4.

175 - USSR Blagoveschensk. Extremely strong at 0536 w/GT beacon, ID, likely improved to past 0617. Almost clear of beacon then RR singing, talking, different format than SW outlets. /1822 kHz. 12/4.

209 - Morocco Aitil, AA amas by a voice at 0626, typical mx to past 0634. QSO at 0635. Strong and on tape! 12/3.

218 - USSR Yeniseysk, here at 0635, W/Khabarovsk w/RR talking on 12/4.

236 - USSR Irkutsk, here w/News at 0633, ID, expected to past 0703. 12/4.

226 - USSR Magadan, singing mx at 0633, ID, expected to past 0704. 12/4.

228 - USSR Chiha belloved here at 0636, typical mx to past 0638. 12/4.

278 - USSR Novosibirsk at 0632 noted, but this still could be the weaker powered RR trip in Siberia. Who cares? Signing weakly noted on 12/4.

231 - USSR Yunno-Sakhalin at 0639 w/PP voices talking in RR. Terrible QM fx beacon mx 12/3.

467 - England & Devinity, carrier noted here without ID in EPI flush at 0934, 12/3.

773 - Morocco Sidi-Benhour listed in back of W9CA! A singing at 0640, 12/3. I doubt this is us - never been reported W9CA and I've never seen it mentioned in my European bulletins. There is a reported station here, AA speaker reported here is Cairo, but 0610 would seem to late. (ED)

818 - ANDORA Surf Radio, assumed at 0537. - Electricity and some, talking, doubt Egypt. ID at 12/3 and 4. * Egyptian here is still all AA. (ED)

-W/9CA - Morocco Radio, here at 0450 w/choral AA mx /1230. Talking and amas at 0259, ID and marching anthems and ID at 0311, 12/3 and 4.

827 - Morocco Oujda, AA singing at 041/4 on 12/3. MX voices in AA at 0458. * There is still some question that Morocco is using this free. I have conflicting reports from two DXers, who supposedly got their info from the same source - one says they are still here and /185 and the other says definitely not.

Take your pick! (ED)

845 - Turkey Rome, seemed like the way of a march at 0414. W/PP voices in ITI (1) and 1129 at 0414. Strong for only a few mins on 12/3. Weak on 12/4.

847 - Spain RNE here w/Peru net at 0542. Other TXs make Peru unlikely the stwger. In fact most Univ. net this weak this evening. 12/3.

899 - France Paris-ville, PP talking at 0612 12/4.

Wales Washford, seems to be ID at 0454 w/mxp mx talking at 12/3. This not asked a/s/on till 0620. (ED)

909 - Italy Milan, here at 0516 w/mxp mx and f voices on 12/3.

925 - Morocco Agadir, AA mx at 0520, 12/4.

926 - Turkey Istanbul, Turkish mx at 0514 12/4, a voice in language at 0417.

-WEST GERMANY Mainz, possibly the use wis at 0333 layering w/Turkey on 12/4.

Editor: Alan Merriman

Phone 703-354-2135 Before 2000 E.L.T. *All Times Are GMT* *Deadlines Are Friday*
PORTUGAL: Porto Alto assumed a voice at 0332, 12/3 and 12/4. * Portugal not on at this time, Tallinn more likely. (ED)

SPAIN: Huesca, AA 0540-45, AA single-voice, AA at 0622 along with other Moroccans 12/4. (Manchester)

ENGLAND: England Point, carrier here at 0430. This is an aspiration of a 12/2 call. (Manchester)

SPAIN: Baja Presume a 0453. Typical azn seemed like an echo. (2/4)

ENGLAND: London Bridge, UK by a voice shortly in at 0642 12/3.

EGYPT: Atbara, carrier here at 0636. Another echo of a 12/3 carrier. (Manchester)

ROMANIA: Cijaq, could this be? Here at 0638, with a voice on 0935 and they have been heard several times at 0900. (ED)


WEST GERMANY Munich, GC talking at 0320 12/3. Terrifically weak audio. Seems like there could have been a carrier. (Manchester)

ASIA: East 0953, including 0953 and 0954, with voice on 0950 and 0955, 12/4. * Asia now on at 0959, see ED 11/15/60. (ED)

WEST GERMANY Bremen, RF voice on 0930, 0935, 0945, and 0950. (Manchester)

FRANCE: Strasbourg, RF pop on here at 0945 12/3. (Manchester)

GERMANY: Luxembourg, strong carrier here, but little audio. (Manchester)

FRANCE: Nantes, 12/3, 12/4. * France now on at 0951, 0953, and 0954. (Manchester)

GERMANY: Berlin, RF voice on 0930 and 0935. (Manchester)

FRANCE: Nice here at 0913 w/volting in FF on 12/3.

FRANCE: Lille, carrier here assumed to be France at 0935 12/3.

GERMANY: Dusseldorf, RF pop on here at 0940 and 0945, 12/3. (Manchester)

AFRICA: Nigeria, RF voice on 0930 and 0935. (Manchester)

All above longwaves made flat place of work at 7500' elevation on mountain top 12/3, 12/4. * According to reports 12/3 and 12/4 have switched places and extra, 12/4 now 0950 and 0910, and this one 12/4. This also is supposedly not running all AN.

SWITZERLAND: Basel, 12/5, but out of sight on 12/3. (Manchester)

WEST GERMANY Langenberg, slight detection of audio on carrier at 0301 12/3.

AUSTRIA: Vienna, RF voice on 0908, 12/3. (Manchester)

All above longwaves made flat place of work at 7500' elevation on mountain top 12/3, 12/4. * According to reports 12/3 and 12/4 have switched places and extra, 12/4 now 0950 and 0910, and this one 12/4. This also is supposedly not running all AN.

SEATTLE: Seems to be the most consistent low-band TA, heard early in the morning and evening hours. (Manchester)

SOUTH KOREA: Seoul, RF voice on 12/1 2305 and 2350. (Manchester)

PORTUGAL: Porto Lamego RF voice on 12/1 2305 and 2350. (Manchester)

PORTUGAL: Lisbon, RF voice on 12/1 2305 and 2350. (Manchester)

SOUTH KOREA: Seoul, RF voice on 12/1 2305 and 2350. (Manchester)

MEXICO: DF, voice on 12/1 2305 and 2350. (Manchester)

MEXICO: Mexico City, voice on 12/1 2305 and 2350. (Manchester)

JAPAN: Tokyo, RF voice on 12/1 2305 and 2350. (Manchester)

GERMANY: Berlin, RF voice on 12/1 2305 and 2350. (Manchester)

GERMANY: Berlin, RF voice on 12/1 2305 and 2350. (Manchester)

MEXICO: Mexico City, RF voice on 12/1 2305 and 2350. (Manchester)

JAPAN: Tokyo, RF voice on 12/1 2305 and 2350. (Manchester)

GERMANY: Berlin, RF voice on 12/1 2305 and 2350. (Manchester)

MEXICO: Mexico City, RF voice on 12/1 2305 and 2350. (Manchester)

JAPAN: Tokyo, RF voice on 12/1 2305 and 2350. (Manchester)

MEXICO: Mexico City, RF voice on 12/1 2305 and 2350. (Manchester)
Verie from Gregg Calkin, London, England

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1555 - GAYMAN ISLANDS/PHILIPPINES (Tentative) 12/1 was tuned at 1055 but nothing heard. Back again at 1116 and noted 2 notes here. Dominant w/lyric in OE, other a talking. Faded down, back up at 1120 w/"Rock of Ages". Again, 2 distinct signs at 1125, man still talking in Oriental language and hymn player w/no notes between songs. Up again at 1135 and held part 1140. Had faded out by 1155 and some KE boxed in on 1560 to 1200 to kill further DX there. No IDs certain but suspect R. Gayman and DTIA. (Kessey) Don called about this a couple of weeks ago and I forgot to mention it last issue, sorry. (ED)

1556 - WEST GERMANY Langenborf, f/w, 0350, 12/1. (Kessey)

A few veries from Ron Schiller . . . .  .

1590 - MEXICO XEWZ Rosarito, BC v/q signed by "The Management and Staff".

1555 - GAYMAN ISLANDS as reported in the past.

1560 - MEXICO XWBP Mexicali, DF v/f a Katharin M. Lorentz (no title), lengthy saying recent taped report f/w Swede Martinson of Norway. Services WNDX KE speaking people in DF, has CB by direct phone lines w/67; asked 0900-0000 local time. 

The reports for this issue . . . . .

Ernie COOPER - Providence, R.I. 2BU, X9AJ, SM-2, WRE PRT loop
Harry HAYES - Gaithersburg, Fana. W3TDX, SM-2
Chuck HUTTON - Dayton, Georgia W6R, 5360 loop
Bob KASSEY - San Francisco, Calif. W64K, SM-2
Hal ROBER - Newfield, Mass.
Ron SCHILLER - Dallas, Texas

Also had a phone call f/w Jerry Coman in Fla. reporting that the LA on 1196 is a Honduran. Forget about this earlier - sorry.

Some of you have undoubtedly noted that considerable editing is being done these days - this will be the pattern now on. I intend to try to hold things to no more than 3 or 6 pages in the future. Next issue will be a monster no doubt - I have a considerable amount of material on hand and w/a 3 week break the reports will pile up. DEADLINE FOR THE NEXT ISSUE WILL BE THURSDAY, DECEMBER 31!!!

I am supposed to be back to a decent work sked by Jan. 8 - maybe I can do some DXing myself then. ?? - BE Merry Christmas and Happy New Year to everyone - thanks in advance for any cards I get I'm too cheap and lazy to send any out!!!

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Hello group,

This section this time around, guess everyone is waiting till Eric takes over. But the USPS is at it again. In any case, I'm holding this section an extra day to allow for the slow mails this time of the year. If you sent a report & it doesn't appear, blame the PO.

SPECIAL NOTE:
1550 KEOF TX will conduct annual Pop in Jan., most likely a SATURDAY morn., possibly 1/15 or 1/12. Should be on shortly varied TMs & such. (FM)

changes...from the FCC:
620 WRJZ TN ex: WBT, 1310 WHK GA seeks WZZZ
910 KEHO CA seeks KSK
1150 WKNL IL ex: WYPR
620 WATF IL on 12/6 went "personality radio" (KJ) 7SJ 2XK
1020 KGBS CA still using this call 12/6, outta NBC nx (JS)
1100 WWWE OH indeed is now NSP. (JS)
1440 KQVR AK ex: KDOT, changed 11/22. now is "Solid Gold Radio", oldies.
1450 WHBC OH is Aging again, seeks AN-6 w/ "Super Soul 76" (HW)
1490 WGUI KY Newie in Green River in KS since MAY, CW format (FM)
1500 KEND TX dropped NIS, now modern C&W, still NSP (FM)
1600 WCGO IL address: 3313 Chicago Rd, S. Chicago Hts., Ill. (Ken)

...from reporters:

Eric takes over.

Test results:
910 KBGN ID not hrd. (HWB,JR,RA)
1150 WTAQ TX not hrd. (HWB-JR,RA) Hrd: (SF)
1450 WNAT MS not hrd. (HWB,RA)
1390 KJAM SD not hrd. (JS)
1400 WONG NJ Hrd: (RA) not hrd: (JS) didn't try (HWB)

Sunset & evening
550 CFRB MB 12/6 Super loud 1715 w/ xx-local ads w/ & C&W ( incom (RJE)
560 WPFB MD 12/2 W/ WFIL 1610 w/ music promo, XX local Ad, into reig, pgs. (RJE)
600 WPFW PA 12/2 In WIC null, o/ WCAO 1549 w/ ID & TC (RJE)
740 WPBC NC 12/2 Hrd. w/ C&W & ID @ 1600 (RJE)
1000 WYOK GA 12/1 Noted atop channel at 1750 w/ s/off anct. (RJE)
1270 WQIT 12/1 Who is this? Got good ID taped 1627, giving TC & freq. but can't find any reference to such a call! HELP!! (RJE)

WRTL 12/1 Another one! Good tape 1629 with this call, EGAD!!

Maybe are FM calls, but no idea of freq.!! (RJE)
1290 WQIN PA 12/1 O/ WRE/MWBO 1631 w/ local ads & ID (RJE)
1370 WPFW PA 12/5 Hrd. w/ WJWS 1556 w/ ID & promo (RJE)
UNID ?? 12/5 S/off 1557-58 w/ choral anthem "This is God's Country", suspect WJS which was in prior to WEIP (RJE)
1380 WBIC NC 12/5 Noted 1545 w/ local ad, 1546 (RJE)
1470 WZGA PA 12/1 This hrd. atop freq. 1715 w/ s/off (RJE)
1580 WBNB PA 12/2 w/ ads for local truck dealer & tv shop 1650. Finally bagged this one! thanks for pw increase FCC!! (RJE)

"So much for the section devoted to "former BIGX editors""

Just realized that I somehow lost a report from SP...musta gotten lost in the "Christmas Madness" around here. That doesn't happen very often, and I'm quite sorry. Since this is my last section it would do little good to find it for the next issue. By now my kids or the dog have destroyed it!

midnight to sunrise

710 WOR NY 12/6 Noted OFF!! Strong OC there 0145+, maybe them (JS)
K9O 15L6/6 Loud, o/ WDMG w/ WOR off., noted 0015 in relig. pgs., full 10000 area wx & area tems., to more relig. (HWB)
12/6 W/ ID & CBS nx 0200, another ID after nx, to relig. (JS)
* WDSM WI 12/6 Noted this w/ s/off 0200, no SSB (JS)
WJNN ON 12/6 Pop mx, ID & local wx, noted 0230+ (JS)
+910 WGAP FL 12/6 Noted AN-8, seeks NSP, w/ WR 0240-0300+, "Me Leader for S, Ga, & FL" (HWB)
KPOF CO 12/6 Surmise of the morning, w/ WGAP's RR in WSBA's deep fades OC's, light EZ mx, mostly griful inserts, couple defin CFPL formats, very weak, by w/ w/ ID, very 0300 "wx for Denver & vicinity" to 15 min, nx talk or show female, @ 0332-0335 w/ "newcast" (HWB)

980 CGBM SA 12/6 w/ WRC's "w/s" w/o KZBD. no signs CFPL-WONE 0202-0230 w/ C&W mx, couple local wx w/ area temps., ID 0202 as "RM-98" (HWB)
1010 CBR AB 12/6 Nice surprise, 0302-0308 w/ WINS off, This w/ CFBR/WINS OC's, very weak w/ wx, mentions of CBS, then s/off w/ GSN. Not sure if might have played, both anent (RA). Very nice, both ID's still on.
1230 CRVQ PQ 12/6 Afoot freq. w/ FF MF 0440-0455 (JS) (RJE)
*1240 WKOY WV 12/6 Already in RS w/ HE 0X452, noted 0205+ (JS)
WJWA ON 12/6 Loud 0430-0440+ w/ CJIC 1050 pgs., female anent, (JS)
1400 CBSS ON 12/5 S/ on 0459 w/ instr Oh Can...then relig. pgs., (JS)

Well, this is one of the shortest midnight sections I can remember!

Hold the section till 12/10 (its 1000PM now), and can't hold any longer if its to get you onto the QTH on time!!

Should remind you about DXing a bit on Christmas Eve...many stations are on late, some AM even, w/ special programs. EXCEPT for WVAU 1170 which has its annual Christmas Eve SP starting about 0100 or so...
Would like to thank all of you that have supported this section over the last few years. Do hope you'll continue to support ERIC as he now is in charge of this mess. The list of reporters includes those that have given the most support over the period I've been editor, if I had included all the reporters this would have had 5 pages of names! Without having this section I'll now have time to catch up on the nine million favors I owe people. Should also have much more time to devote to the pattern book and some articles for DX News. And best of all, I'll have some time to really do some DXING!!! With luck I hope to get a beverage of sorts up, and maybe get back on the HAM bands. Should any of you be unlucky enough to hear W81IC, gimme a call...or if you hear W8BUJS give him a call. We'll both be down in the novice CW sections!!

"And now, Ladies & Gentlemen, the real JOHN SILLIMAN"........

Where's da when you need him!!!

There, that should prove he does exist!! The first correct answer sent to Silly's home will win a prize of no value at all!!! I'd leave a space for Starr, but he's gonna have a nice long wait on his beer, that's enough!!!

"Listen, Report, MUSE, eat a grape, anything, but support the club".

ACCORDING TO YOUR DATA, YOU RECEIVED STUDIO B ON 1340 kc.

ON THE 13TH OF OCT, 1976

OUR TX FROM ANT./4 VERT..

YOURS TRULY

LONDON W6X F6X ENGLAND

Silly Starr

(the three stooges...)

THE MFS LATIN "SPLIT" LIST

November 1976 ± Ronald F. Schatz

This is the second DX season of the Latin "Split" List, whose last edition was received exceedingly well, especially by DX'ers overseas.

Again, this list is based entirely upon recent reception here in South Florida, and what may exist that I have not heard does not appear herein. The basic assumption is that you are not likely to hear what I cannot.

Format is in order of frequency (in kilohertz), computer country code (to be used in the upcoming LA Log), and station name (i.e., slogan). Blank spaces left where information is lacking, convenient for filling in later by hand.

A supplement list will appear soon, based on additions and corrections posted to: Radio Million - Box 592814 - Miami, FL 33159.

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<thead>
<tr>
<th>CR</th>
<th>FM</th>
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<td>Z I Z</td>
<td>R. Revolution</td>
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<td>R. Dominos</td>
<td>R. Para Ti</td>
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<td>R. Artemisa</td>
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<td>V. - Central</td>
<td>Carib. R. L'house</td>
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<td>R. Musical Nac.</td>
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The list includes stations from various Latin American countries, with the code abbreviations corresponding to their respective countries.
Some new listings this time, but I had to drop a few who didn't update their totals, so we remain about the same—48 regular listings this time. Remember, if DON ERICKSON can be dropped for not updating, so can you! Thanks to Wayne Murphy for the update-by-phone, and to others who sent in their totals. The next two deadlines will be: January 1, 1977 (verifications) and February 15, 1977 (states + provinces heard). The list below is by Total Domestic Stations taped.

DOMESTIC DX ACHIEVEMENTS
November 15, 1976

<table>
<thead>
<tr>
<th>YR</th>
<th>NAME &amp; GENERAL AREA</th>
<th>Heard</th>
<th>Taped</th>
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<td></td>
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<td>TDH</td>
<td>TDT</td>
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<tr>
<td>63</td>
<td>BOYD, Planet Earth (?)</td>
<td>1,476</td>
<td>1,064</td>
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<td>BOWKER, near Chicago (IN)</td>
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<td>75</td>
<td>MCCOURT, north central PA</td>
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Apologies to Harry Hayes for getting him out of place....

PLUS: THOSE WHO DO NOT COLLECT TAPES:

ALLEN (2,096); ARRUDA (1,037); BRADB (253); ECKERT (249); FALCONER (1,239); FLEISCHBAUER (367); FRANCIS (1,752); IMPRESCIA* (1,432); KAY (213); PISTK (1,189); RITTENHOUSE (488); SALLY* (361); SCHEU (569); STRAUSS (1,083); TROCHYMZUK (477); WESOLOWSKI (2,035); and WINKELMAN (533). Numbers in parentheses are Total Domestic Stations Heard.

To all those with * by their names—it is time for you to send me an updated set of totals for this column, or suffer the same fate as the aforementioned DE. To submit your DDXA totals or updates, send in:

The year you started DXing; your name and general area; total domestic (U.S. + Canada) heard, states heard, provinces heard; total domestic taped, states taped, provinces taped; and total domestic verified, states verified, and provinces verified.

I received one late-breaking set of "all location DX totals," so, rather than wait for next year's all location column, be it known by all that Dan Phillips began DXing in 1958, and has since DXed from Alabama, Tennessee, Kentucky and Georgia, and has racked up 1,700 domestic stations heard (48 states heard) and has verified 570 domestic stations (46 states). So be it.

One other note, unless HQ decides it's still a secret: Eric Rittenhouse is coming! I can say no more, but don't say I didn't warn you!

73! DX REPORT!
EDWARD A. SCULE - 1500 Sparkman Drive #332 - Huntsville, AL - 35805

Hello, hello again everybody! A little insomnia last night, or rather early this morning 11/28 turned into a profitable time of DXing. With CMQ on 640, I thought that just about shot any chance of WC reception here in Alabama, but lo and behold, what to my wondering ears should appear, but at 1:00am, on my little real transmitter RX, but not WSC-FM 1070. With reading the copy you read me to death, I couldn't get them in the Fargo area due to WDDP/KEF. And here I am less than 100 miles from WAFI & WLIW, with all those other on 1170. I add too new to this reception area to know if this is normal, but we are delightful to hear! This was the wood was 48°, and on adjacent WILG, the Hartford temperature was 51°C! On 1080 WITC's talk show & KRLG's XGR there was an album number show, sort of like A7-40 & American Country countdown, @ 1:20am. Does anybody know this was XGR? At 2:15am, still 11/28, DXers trying to get a test on 1410- ECLG, reasonable, WACR spoken, then I thought about specialized max test with 5,000W, then several tones, but not code, and once. I don't know if they were on more than that or now - good signal, though. I have never gotten into Westport, but with previous DX time as strange as I'm doing with this number, I guess that's it. Until I get more familiar with what is normal for this location, it is hard to tell whether I hear is special enough to write about. See you again.

DAE PHILLIPS - Route 1 - Box 476 - Jacksonville, AL - 36265

November DX has added nine new ones bringing totals to 1,715 heard. 11/3 - KVSA-1280 a/off. 11/5 - WMJ-1280 a/off. 11/9 - WXN-1280 a/off/5, WQ-1280 & WJ-1280 a/off/5, WLRU-1280 a/off. I have really been hitting the jackpot on 1180 recently, and on 1180 over frequency 11/13-15 in the form of St. Pierre et Miquelon, a station I believe I heard for the first time, July 1st. I got one more familiar with the members on 11/22 in the form of St. Pierre et Miquelon, another one of those elusive stations for me, and one all the way. That extra cold early 108 Norma Avenue - Tucker, Fort, WY - 25301

That extra cold early winter has brought with it a few nice DX conditions. Back on 11/15 I found CBN-640 at 4:14am for my first logging of WBC. Ed was by comparing with the WBC-640. Oh, the advantages of two receivers! The next goodie was on 11/22 in the form of St. Pierre et Miquelon, another one of those elusive stations for me, @ 4:51-5:11am w/low QRM & some stations, & FF announcements, & FF pop news, fighting turbulence. WBC-640 was the only one on the dial. They do no off, & even with low QRM & weak WQTK-1310 Parsippany, I found CBN-640 at 1080 WITC's talk show & KRLG's XGR there was an album number show, sort of like A7-40 & American Country countdown, @ 1:20am. Does anybody know this was XGR? At 2:15am, still 11/28, DXers trying to get a test on 1410- ECLG, reasonable, WACR spoken, then I thought about specialized max test with 5,000W, then several tones, but not code, and once. I don't know if they were on more than that or now - good signal, though. I have never gotten into Westport, but with previous DX time as strange as I'm doing with this number, I guess that's it. Until I get more familiar with what is normal for this location, it is hard to tell whether I hear is special enough to write about. See you again.

WILFRED R. RITAYIK - 1408 Valencia Avenue - Holly Hill, FL - 32017

Always the strangler, that's me! No use repeating Monte Carlo except to confirm middle EST pickup. 11/18, 12:22am 60W La- 15650, 310300 W/WR 11/25, 3:07-3:10am WIBN-1450, 6:15 for a new call. This was folo by CayanIslands with terrific signal @ 515am, using the ZRP. 11/21- 640 WITC @ 2:15am folo by R. Lighthouse-1165 @ 515am on Sony 1600, 11/19- WITC, I believe that was the right call. 11/6, 11/10- WBBR, & WBBR, but a lot of QRN. I took it on, and DX for me to hear the round again. I'm sure I missed it, but it was almost a full ticket by amateur radio. Begin: on 12/19 (Sun- day night) @ 11pm EST I will be on 3.85 kHz calling QG. Welcome. 73. (Aren't most N6R Asleep at 11pm Sunday night, prior to DXing MN - ERG)

JEFF COHEN - 1110 Tanbark Lane West - Jackson, MI - 49203

DX is keeping up its pace here. After two weeks I have 293 stations heard since 11/4-11/21. Our trip to Idaho was a total failure. Neither on 12/23 nor 12/24 was there anything on 1180, or 1210 & QRM was heavy. The only DX station we found was KCTO-- 3:22am WIBN-1450, 3:40am WIBN-1450, who's crazy? Yes or they? Three 60 W-Neah-Neah-Koo- did bigem transparency frequency of me brain! I doubt a harmonic as ERG - dial read 850. (Their harmonic would be on 1160 - twice 580 - ERG) I'm surprised Stephen Porta is still in the game. I'll keep the yachts he for most anything! Porto Rico is strangely difficult here. "You sure better DX than mine. He's a Jerry & a Happy!" 11/30, today - R. Jumbo-5A- 5150mL but noisy, WRCX-1950 6pm. WIBN-1560 610pm We. On 670, two or three 66s & 7. I'll work them.

BRUCE BOOMER - 108 Norma Avenue - Nutley, Fort, WY - 25301

That extra cold early winter has brought with it a few nice DX conditions. Back on 11/15 I found CBN-640 at 4:14am for my first logging of WBC. Ed was by comparing with the WBC-640. Oh, the advantages of two receivers! The next goodie was on 11/22 in the form of St. Pierre et Miquelon, another one of those elusive stations for me, @ 4:51-5:11am w/low QRM & some stations, & FF announcements, & FF pop news, fighting turbulence. WBC-640 was the only one on the dial. They do no off, & even with low QRM & weak WQTK-1310 Parsippany, I found CBN-640 at 1080 WITC's talk show & KRLG's XGR there was an album number show, sort of like A7-40 & American Country countdown, @ 1:20am. Does anybody know this was XGR? At 2:15am, still 11/28, DXers trying to get a test on 1410- ECLG, reasonable, WACR spoken, then I thought about specialized max test with 5,000W, then several tones, but not code, and once. I don't know if they were on more than that or now - good signal, though. I have never gotten into Westport, but with previous DX time as strange as I'm doing with this number, I guess that's it. Until I get more familiar with what is normal for this location, it is hard to tell whether I hear is special enough to write about. See you again.
18

ROBERT E. HACKETT - 1931 Steves Avenue - San Antonio, TX - 78210

In all my years of usual & lackadaisical DXing I've never logged a European! When I read in Alan's IDXD column about the TAs "hanging in" at Astronauts or "blockbuster" levels, "killing" the domestics on or near the channel, I get the feeling that I'm doing something wrong. Or perhaps just not doing enough right! Anyway, this season I'm trying a little harder. My location is not as good as the ECA & the local noise level is pretty high, but perhaps patience & persistance will result in some modest success. My efforts during the past week have already brought some results. First I made a list of the most promising Europeans based on reports in IDXD. Then I started checking the channels during the week, using an oscillator and frequency counter to spot the frequencies accurately. With the RX BFO I have so far located weak carriers on 1088, 1376, 1439, 1554 & 1586. This is encouraging, & if CX prove maybe I will get some audio soon: 73.

EARL B. JOHNSON - Box 48 - Carp, Ontario - KOA 11C

I'm into my second year in NRC & this is my second log, so you can't beat that for regular, huh? Now to get this off before the turn of the year. In my area the noise levels for foreigns on BCB through the week were 45 to 50 dB. In my opinion this is about right for areas in the mid-60's. Keep up the good work, ERC.

Mike King - 6541 Anvers Boulevard - Jacksonville, FL - 32210

Well, I'm starting on 11/4 the first of my four new countries heard.

The new logs for N 11/22-

WBAP-820, 14/2: WBFJ-820, 11/27, 1114 yields "R. Mundial" was heard in after SSS 9am. WFTF-680, 11/27, 3:59, & WYKN 1390 noted later (8:01pm) & W/CMS another mx-maker. I finally got a set tape "CHOO-Choo Country" from the Texas Panhandle 7:58pm.

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HM2 MIKE HARDESTY, USN - NAVARIOMED - Box 2723 - APO, San Francisco

For now, the above address will suffice, P 92531 but another change will come around end of 2/77 when the Navy assumes command of the Army Hospital. That switch should be the final address switch. I will be moving to San Diego, at least that's what I heard when I rotated through there. DXing has been very sporadic. I'm in a barracks with fluorescent lighting fixtures (with at least half being new starters) & a QRM level you wouldn't believe. Still, I did manage to log & QSL the local VOA-1178 (full time). In fact, it was a little fair at best. Talk about directional antennas! For those who haven't logged or QSLed VOA-1178 on Okinawa, you'd best be doing it soon, because the VOA is preparing to pull out of Okinawa within the next few months (or so it seems to me). As far as the WSGF is concerned, it seems to have a better chance of survival than DXing. The only DX station I hear is the VLID, which is not logged or QSLed currently. Thanks, Skip! I hope to be in Lincoln. At this time I want to wish everyone a super Christmas & a very filled New Year!

ERIC FADER 23-3 Bell Boulevard - Bayside, NY - 11361

8/4 - DX here is definitely "not much." First, an update

RBSX-130 IA, W5XBY, went off the board new 11/27. Oh, what a loss from a few issues ago, when I mentioned the possibilities of my uniID "Powerline" on 1470, it was because I have a list for the Eastern portion of the US & no stations were listed. So, I figured since W5M & KCLG were possibly around 1140, they probably were nearby. Does that make sense, ERG? (Does it?) Here's DX: First, KXLW-killed 800 by 3:45pm 11/27. Pucc. W5M-850 got into the log twice - 11/27 w/good signal. Finally, w/ID & into NX @ 6pm, then on 1/2, w/excellent DX, they were heard the first day all @ 12:42pm. 540 U/sei-local WLX, someone played Neil Sedaka's "Laughter in the Rain," very weak. Un W5MV MD is assumed per format. That's all. KXLW was logged w/a good signal @ 458, w/an ID. That about does it for now. 73s.

NEXT ISSUE IN THREE WEEKS, WITH PROVINCETOWN DEADLINE OF THURSDAY 12/30.
We suggest to anyone who GETS A TEST OXED THAT IT NOT APPEAR IN TIME THAT YOU WRITE OR PHONE then for a month's postponement.

"UMDX" - University of Manitoba DX-SWL Club - Room 517 - Box 131 University Centre - Winnipeg, Manitoba - R3C 2N2

Hello, all! In 1978, UMDS conducted the first experiment with a Beverage antenna. UMDS was founded about four years ago & has since grown into a large organization with 50 members, an office & monitoring post on campus, funding from the university's student union, & in 1978, we will be holding the third UMDS DX convention, in the Delta Marsh & consequently afford an excellent location for a Beverage antenna. Sat. Nov. 27 six UMDXers, headed by Dave Cochrane, will be logging DXers (with a station located in the S end of Lake Manitoba). This relatively isolated set-up is located in the Delta Marsh & consequently afford an excellent location for DXing activities. A pair of Beverages, one for LA & one for Europe, in which case another Musing will be forthcoming. (Hi, gang, & welcome to the NRC, & we'd like to hear about your BCB DXing activities regularly! - ERC)

STAN MORSE - Route 3 - Bradford, MA - 01830
12/4 - Winston-Salem on 1550 in well @ 5:10pm - didn't sound like WFDQ, but ads & WX all mentioned Winston-Salem. 12/6- - wkxw off all AM. Someone till 2 with Alcoholism discussion - I couldn't get an ID. Later on, a DXer, w/ID & a female evangelist & a good wx station - I took on the evangelist & into PSA's @ 3:05 with one for Washington State Highways & WX report for Seattle so rare Washington in KMN, unnl, but first time heard since early 50s in 12/4. Since then I've heard on 5170, KIRO & also w/FM @ 1000 AM just because I could. From my understanding, WMNY-1230 - very loud & announced as 10kw - I can believe it!!! OHIO-1250 w/real crummy type radio show. WICK covered 1400, no FF at all this AM. W3Wkes, UT on up report & Crawford is a new country. WNNB-1-E 10/2-3-4 AM & IDs but not on 5170. WTYX heard a couple of times but WXXL too much for a report yet. Locally a H13dread Broadcasting Co., had a zoning hearing in Herrimac MA for a 300' tower for a broadcasting station. No application filed, but will have to. AM (no FM channel is assigned). (Stan phone 12/10 w/info)

NORTH AMERICAN SHORTWAVE CONTEST

Chapter XXXY - OLD-BAD DXERS recall OLD-BAD STATIONS

Many of the younger DXers have at least heard about W5XXO.
700, Cincinnati, OH. W5XXO was a W5DX station between

Piscataway in the mid-60's when they transmitted with 500,000 watts experimentally AN. Later on, WLN used 500kw regularly 'round the clock, but they had to give it up due to numerous complaints, largely from CFRB, then on Cleveland's WABC. Another number of stations, technically not "a" station, but cells used to be used with an AM channel had three frequencies permitted by the FCC. The only one I recall definitely is 500, for that is the frequency of my verification of this unusual stat

"££»£££££" and they were heard both here before, the experimental stations WXXN, New York, WXYT, Waterbury, CT; W5XAI, Pasadena, CA; and W5XBY, Kansas City, MO. There was K5XXS-1240, actually W5XXB, Freeport, NY, using these experimental w/2 cells while they tested (on 28) single sideband transmission. ERG
ERNEST R. COOPER - The Cape Tip DXer - 5 Anthony St. Provincetown MA02657

This is the exciting time of year when daytime DX is really sensational, especially from stations to the N. By 2:30 it is as good as nighttime DX near the Winter Solstice! Only one varia, w/2-CM from WHM-WX 9:23 & 7/8, w/jj. Do my ears deceive me, or has WKBW quit ANQ? DX

Down the Week: 12/3- At 1:04, only this heard on 580 @ 1:04: "CEAP, 580." A drama in SS on 1502 noticed 2:28. 12/4- Unn WUSB-1490 heard for the first time in WBBW-A on 12:30. Unn TTD TeV w/very nice TEs on 1260 @ 2:18 & 1:04. Lot of OC on today, most of the 500 kHz channels, plus 540 & 1450. Seldom heard but unn CEPO-1426 @ 2:19, on top w/WBSS off. An S-9 tester on 1550 w/no IDs and very poor tone quality most of the AM, with WHM, 6-7, SS, & WHM-AM-1241. With 1241 WY-AM 6-7, back to 580 to see if I could get more on my 12/3 logging of only "CEAP, 580" @ 12:56, & I did - three selections, plus again at exactly 1:04, the same "CEAP, 580" then no more, except OC all AM. WOR-710 was silent, so they failed to keep their promise to let me know ahead of time so we could arrange some TTD TEs. CBS Mystery Theatre heard @ 1:50, then GBS NX @ 2 w/femmes, & then a religious program - Stan took this to be KRO at 1:55, but no ID heard. I also heard the FF & SS, & I thought the FF was France, & not a Canadian, but again, no ID. Unn CGBS-1270 on AN w/"Morning Matinees" w/SS, fighting the Cuban Minute Man - and losing. Unn TTDer on 1520 w/WKBW off 2:53-3:04 & on. Weakie on 1550 w/o/C, musta been everybody-but-me's KRG, but too much WPUI-1540 rr sop to log it. Unn CEPO-1250 AN w/OC, plus myriad of OCs. Needed GEMW-580 noted u/the previously-mentioned OC, but not enough, circa 3:45AM, 12/7- WKBW-580 on OC & both WPTF & CPTT rolling through it, both unn. 12/8- Again on 580, 2:14AM, unid, looped N/S & loud. R. Punto PTV-G90 was AWG in & like Flynn all AM. TTDer on 1010 @ 2:04 w/WINS. WEDR-1520 had OC on. Under Paul Harvey 12:35PM on WLYN-1360, BF heard 1:45PM. It had to be needed CUVL. Then, WHV-1110 on w/OC & announcements about every half-hour & abolishing previous semi-local WHW Providence, & report sent, 2:30PM, th:WEDR-1070 booming in, as was unn GPO-620. Bits of needed WHV-1110 & other Foxes heard, 1:45:00. Maybe more tomorrow - maybe a Minute Man. Happy New Year to all, and please resolve to be a regular Muser in '77?

Thanks to MIKE WHELAN who sent in the same list of KED feed stations to this section - but same printed in Will Boyd's DXED, 12/6/76 in.

THIS IS EVERYTHING ON HAND HERE RECEIVED by 12/5/76. THANK YOU ALL!

WE'RE ASKING FOR CONTRIBUTIONS TO WOOLBALL MEMORIES. SEND THEM, DOUBLE SPACED, PLEASE, TO OUR PROVINCETOWN ADDRESS. IF YOU RECALL SOME OF THE "GOOD OLD DAYS" IN BCB DX, PLEASE SHARE THEM WITH FELLOW MEMBERS

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<td>5</td>
</tr>
</tbody>
</table>

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