



VOLUME 15

NO. 31

DX MONITOR

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WHOLE NO. 482

MAY 13, 1978

Don't Miss the

ANNUAL BAY AREA DX'TRAVAGANZA

Date: May 27, 1978

Place: Community Room
Serramonte Branch
Daly City Public Library
40 Wembley Drive
Daly City, CA 94015

An EDUCATIONAL,
INFORMAL,

FRIENDLY

DX
GATHERING.

D-O-N'T M-I-S-S I-T !

For more information, write:

Richard Segalas
P.O. Box 26254
San Francisco, CA 94126

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WOR70 THE HEART OF NEW YORK

NEW LOOP ANTENNAS FOR BC USE

Among new products at the Dayton "HANVENTION" this past week were loop antennas with preamplification shown by PALOMAR ENGINEERS for not only the ham bands but also for BC, or VLF use.

Bob Curtis from info in HR REPORT

x *** **NEW MEMBERS** from Rich Segalas

Jack Wyatt, 917 W. Angela Dr., Phoenix, AZ 85023
Luis Esquivel, 135 W. Bellevue Dr., Apt. C, Pasadena, CA 91105
Per-Ole Stenman, Markby 3, SF-66930, KOVJOKI, FINLAND
Jim Chenard, 350 Minute Arms Rd., Union, NJ 07083

ADDRESS CHANGES

Karl Forth, 630 South Ardmore, Villa Park, IL 60181
David Legler, 128 E. Magnetic St., Marquette, MI 49855
Steve Moss, 3601 Robbins Rd., Austin, TX 78732
Vincent Leahy, 3460 rue Simpson, Apt. 302, Montreal, Quebec,
CANADA H3G 2J4
Paul Mount, 471 Emerson Ave., Teaneck, NJ 07666
Peter V. Taylor, 2614 Jackson St., San Francisco, CA 94115
HM2 Michael S. Hardester, CFAO, Box M E, FPO, Seattle, WA
98770

Renewals as of 8 May 1978

Warren E. Greenburg; David B. Gibson, Jr.; Edward F. Gehringer
W.T. Farmerie; Darryle W. Burchill; Andrew Mahoney; Dan R.
Samer; Bill Coleman, Jr.

Also new member Roger Perkins asked that he be listed again as
Roger Perkins, W10J, Old Bay Road, Bolton, MA 01740

OK gang, don't forget the convention is coming up in August. I hope everybody is saving up items to make this the best auction that IRCA has ever had. Let's blow Bill Block's mind and have 200-300 members present. Maybe, now that tax season has slowed down a bit for us, (it never ends for a corporation hi) I can get out letters that I owe to Mike Hardester, Matthew Shugart, Robert Kramer and anyone else. See, guys you haven't been forgotten. Put aside, maybe, but not forgotten.

This is the last of the biweekly issues, so we'll be seeing you again in about a month. '73

GET-TO-GETHERS

Sat. May 27---DXTRAVAGANZA hosted by Larry Nebron,
27 Garden Grove Drive, Daly City, CA 94015.

Sun. May 28---Noon 'til Midnight at the QTH of Bill Wurtzel; 32 West 31st Street #7, New York, NY 10001. All DXers are invited. Bill's location is near Broadway and the Empire State Bldg. All major subway lines stop within a few blocks and bus lines and Pennsylvania Train Station, The Port Authority Bus Terminal and Grand Central Station are within walking distance.

Fri. Jun-2 to Sun. Jun. 4---The 8th Annual CADX Spring Fling GTG will be held starting at 6 pm on 6/2 and continuing thru the weekend. \$1.00 charge for refreshments. More details...call Robert Kramer, 3406 W. Pierce St., Chicago, IL 60651 at (312) 235-5188.

Sat. June 10- Desert Beverage Antenna Party.. Don Erickson phones that a GTG will be held in the desert on Sat. 6/10. Read Mort Meehan's Forum for results or the April try. For those interested contact Don at 6059 Essex St., in Riverside, CA 92504 or phone Don at (714) 637-5910 or (714) 738-3709.....

WHK RADIO

5000 EUCLID AVENUE/LEVELAND, OHIO 44121

WQMA RADIO

POST OFFICE BOX 8
MARKS, MISS. 38646

eastern dx roundup

Bob Curtis
17 Cobbleview Dr.
Colchester, VT 05446

DEADLINES: Sat. May 27, Sat. June 24 & Mon. July 24
All times are Eastern Local Time

Spatter:

"I have found another one of Murphy's DX Laws, viz. 'your best catch will be heard the day after you have sent a ton of loggings to BBKR'. For an example of this see WDOV-1410, state # 38 on SSS. This was heard the day after I sent in my last set of loggings." Mike Brooker - OH

"30 new catches." Bill Townshend - DC

"Finally heard a PEI station, CHTN-1190. That I had WCWO at first." Jerry Robertson - MI

"Everybody on Long Island knows you can't get this station." (see WRIV-1390) Greg Monti - NY

"Your best QSL will be received the day after you have sent a ton of reports to veri-signers." Mike Brooker - OH

"Surprisingly, killing WTIC." (see KRLD-1080) Gregg Allinson

"KFI much stronger than usual." (see KFI-640) Louis M. Poda - OH

"Many midday reports during lunch breaks at work. Realistic TRF Rx used, with help of office building foundation pillars. All midday reports except WXVA made from work site at Marlow Heights, MD, 20 Km SE of my home QTH. Midday reports on Sunday, 4/23, from Andrews AFB, MD, 28 Km SE of my apartment, during Reserve training." Bill Townshend - DC

"My second Colorado station." (see KOXI-1550)

540 CBK SK, Regina 3/13 0130-0200 fair, band music, ad for CBC, "540 Radio in Sask." at 0200. (LMP-OH)

KNOE LA, Monroe 3/6 0354 poor fluttery sig. "KNOE, 6 before 3" after country music. (LMP-OH)

WDAK GA, Columbus 3/13 0150-0156 at 0150 had rock & roll, at 0156 "WDAK, Columbus, on the air for test purposes." (LMP-OH)

WDMV MD, Pocomoke City 4/17 1220 ad for soft water, then agriculture report. Xlnt sig. (WPT-MD)

550 W3VA VA, Harrisonburg 4/14 1231 Farm program, Talk by OM. Ment of Shenandoah County. Good. (WPT-MD)

610 WHPL VA, Winchester 4/14 1228 Nx, ID. Good signal. (WPT-MD)

WIP PA, Philadelphia 4/17 1217 T-40 rock mx. Fair u/WHPL. (WPT-MD)

620 ???? UNID, 3/4 2210 Fair, YL DJ, song, "Peg". WRJV? (LMP-OH)

(ed: how about WRJZ, Knoxville, TN?)

640 KFI CA, Los Angeles 3/20 0200 Fair volume, much stronger than usual. Los Angeles nx, rock & roll concert clean-up work. At 0205 Talk Show with guest, former cocaine drug smuggler. (LMP-OH)

650 WSM TN, Nashville 3/12 0600 Off the air 6 AM, but back on at 7:00 AM. (LMP-OH)

660 WNBC NY, New York 4/14 1221 T-40 rock mx. Good signal. (WPT-MD)

690 WNNT VA, Warsaw 4/17 1229 Nx, wx fcst, ID. Fair signal. (WPT-MD)

WVOK AL, Birmingham 3/14 0330 Good volume, stronger than many other clear channel stations. At 0330 low and high frequency test tones, 0334 ID as "WVOK, Birmingham, AL, on the air for tests and maintenance" At 0335 into music. Looping SW. (LMP-OH)

710 WOR NY, New York 4/17 1212 Nx w/OM anncr. Good after nulling WPIK slop. (WPT-MD)

730 WPIT PA, Pittsburgh 4/17 0615-0630 w/nx into "Through the Bible" program. Fair-good o/CBL slop and WVIC, which is also religious. (WB-ON)

750 WPDx WV, Clarksburg 4/17 0630-0640 w/wx, c&w mx, PSA for the Navy. Must give credit to CBL for keeping their modulation within reasonable limits and staying relatively slop-free compared to CHUM and CFTR. (WB-ON)

820 WRAP TX, Fort Worth 4/14 0000 ID, nx. Fair signal. (WPT-DC)

880 WCBS NY, New York 4/14 1150 Nx, ment of Rain-bow Grille during ad. OM anncrs. Good signal. (WPT-MD)

900 WNYN? OH, Canton 2/26* 2355 Strong carrier. Earlier heard WNYN sign off about sunset, but carrier left on. May have been on all night. (LMP-OH)
(ed: Are you sure it was WNYN's carrier?)

920 WKRT NY, Cortland 4/1 1955-2013 w/Ac nx, spot for Clearasil, jingle ID, "Accuweather" wx, Rita Coolidge mx. Fair o/CKNX, WJAR. (WB-ON)

940 KIOA IA, Des Moines 3/14 0326 Poor. Music from "Saturday Night Fever". (LMP-OH)

WMIX IL, Mt. Vernon 2/27* 0320 Fair at 0218 w/music from "Saturday Night Fever". Time check as "2:20" (at 0320), then into Harlem Globetrotters Basketball Five-away Contest. (LMP-OH)
(ed: that music, quite a coincidence.)

WVIV PA, Lebanon 4/14 1200 c/w mx. Fair signal. (WPT-MD)

950 WPMI PA, Philadelphia 4/23 1255 T-40 rock mx u/WXGI in null of WCPN. Fair signal. (WPT-MD)

WWJ MI, Detroit 4/25 1915 Wx fcst, then ad for Detroit Symphony Orchestra. Good o/WPMI. WWJ is hard to get here with WPMI a pest. (WPT-DC)

WXRI VA, Richmond 4/23 1250 VA 500-mile stock-car race. Fair after nulling WCPN. (WPT-MD)

960 WBOC MD, Salisbury 4/18 1139 Temp. 60° F. Carpet promo, T-40 mx. Xlnt. (WPT-MD)

990 WNRV VA, Narrows-Pearisburg 4/4 1846-1850 w/ad for Chevy dealer, wx & into "How Deep Is Your Love?" by the Bee Gees. Poor u/WMOX and CFRB slop. (MB-ON)

1000 WRAR VA, Tappahannock 4/18 1148 Several short ads. Xlnt signal. (WPT-MD)

1020 KDEA PA, Pittsburgh 4/14 1238 T-40 rr mx. Good signal. (WPT-MD)

1030 + KTWO WY, Casper 3/13 0100 About 1:00 AM EST poor, religious in EE. Loop north-west Much QRM. (LMP-OH)

WBZ MA, Boston 4/24 1204 MA nx, ment of Solar Energy Demo. at Mass. Electric. Farthest midday catch (390 miles) with fair signal. (WPT-MD)

1060 KYW PA, Philadelphia 4/14 1209 NBC nx. Xlnt. (WPT-MD)

WHOE LA, New Orleans 4/16 0001 Pop song, "Thank You for Being a Friend". Fair under KYW. (WPT-DC)

+ 3/6 0300 Good w/rock & roll, woman DJ. (LMP-OH)

1070 KMX CA, Los Angeles 3/20 0340 over WIBC & WTSO w/nx. (JR-MI)

WIBC IN, Indianapolis 3/20 0330-0340 u/o WTSO w/pop mx. (JR-MI)

WINA VA, Charlottesville 4/17 1235 VA news by male anncrs. Good o/WKOK. (WPT-MD)

WKOK PA, Sunbury 4/19 0633 It's about time I got this. Plowing thru semilocal WKMB in daylight w/pop mx, local com'ls, "WKOK, mornings mean music". (GM-NY)

+ 4/14 1219 Nx, wx (temp. 48° F). Fair signal. (WPT-MD)

WTSO WI, Madison 3/20 0330-0340 u/o WIBC w/c&w mx. (JR-MI)

1080 KRLD TX, Dallas 4/21 0402 Surprisingly killing WTIC sig w/ABC nx, 0405 soft SID & MoR mx. Even WKLO better than 'TIC tonight. (GA-NC)

WEEP PA, Pittsburgh 4/18 1237 c/w mx. Fair after nulling WBAL slop. (WPT-MD)

1090 KAAZ AR, Little Rock 4/17 0034 talk by OM anncr with Razorback accent, ment of Little Rock. Fair u/moderate WWWE slop. (WPT-DC)

1150 WBEL DE, Wilmington 4/14 1204 Ad for Tri-State Mall. Good. (WPT-MD)

1170 WWVA WV, 4/18 1242 Ad for Wheeling Downs race track. Fair signal. (WPT-MD)

1190 CHTN PEI, Charlottetown 3/20 0220-0230 while looking for KPAR Test. (CHTN's good enough though.) (JR-MI)

1210 WCAU PA, Philadelphia 4/14 1206 CBS nx, coffee promo. Xlnt. (WPT-MD)

+ 4/17 1630 coming in quite well in late afternoon w/nx & stocks. (BC-VT)

1230 WFAS NY, White Plains 4/9 0656-0701 tuneout. Local noted off this morning, possibly all day. WERI was dominating w/a fast SAH w/unID stn presumed to be WEEZ. (GM-NY)

1240 WJEB MD, Hagerstown 4/18 1213 T-40 mx. Weak under WCEM. (WPT-MD)

1290 CJBK ON, London 4/14 0209 ID by male anncr, T-40 mx. Fair. (WPT-DC)

WFBG PA, Altoona 4/13 2135 atop channel w/top 40 format. New. (GM-NY)

WIRL IL, Peoria 3/29 1853 good o/WHIO at 1853 w/rr mx. (JR-MI)

WPVA VA, Colonial Heights 4/21 1845 ment of FM outlet on 95.3 mHz at s/off. Good signal. (WPT-DC)

1300 WKCY VA, Harrisonburg 4/17 1205 wx fcst, c/w mx. Good u/WFBR. #400 heard within last 14 months. (360 domestic, 40 foreign). (WPT-MD)

WMTN TN, Morristown 3/29 1845 good at 1845 with s/off. (JR-MI)

WPNH NH, Plymouth in w/others on 1300 w/wx for Plymouth 4/19 1715 (BC-VT)

1310 WTIK NC, Durham 4/23 0600 end of rlg pgm, then plug by Durham County Attorney-General for re-election. Good. (WPT-DC)

1320 WEET VA, Richmond 4/21 1211 wx fcst (temp. 56° F.) Fair to good. (WPT-MD)

WGET PA, Gettysburg 4/24 1219 Agricultural wx rpts, farm machinery promo. Good (WPT-MD)

WHHO NY, Hornell 4/19 0617 thru semilocal WKAP in daylight w/the magic phrase "17 after 6 at WHHO". (GM-NY)

1330 WASA MD, Havre de Grace 4/24 1147 talk by YL anncr, ID "First with Big City Sound". Xlnt o/WESR. (WPT-MD)

WEAW IL, Evanston 4/24 1930 tail end of SS pgm w/LA mx such as "Yo te quiero (I want you)", then s/off with "Now that Day is Over". Ment of WOJO as FM outlet. Good signal. (WPT-DC)

WESR VA, Tasley 4/21 1146 sports by OM anncr, ID. Good u/WFAN slop. (WPT-MD)

1340 WBBQ GA, Augusta 4/24 0100 surfaced atop GY pile at ID time. Fair signal. (WPT-DC)

WPEM WV, Martinsburg 4/23 1236 auto dealer-ship promo. Fair signal. Thank heavens, WFAN is off the air! (WPT-MD)

WFAN DC, Washington 4/23 1230 local SS outlet ordered closed by FCC as of 4/23 0000. Now has 24 hr SP each day. (WPT-MD)

WOOW NC, Greenville 4/27 0000 nx, ID. Surfaced atop GY heap in time for ID. Fair to good. (WPT-DC)

1350 WFLS VA, Fredericksburg 4/18 1239 ad foll'd by c/w version of old Russ Morgan song, "Does Your Heart Beat For Me?". Xlnt signal. (WPT-MD)

WZIX PA, York 4/24 1149 talk by OM, then Tasty-Kake promo. Xlnt at ID, then good o/WFLS. (WPT-MD)

1360 WKOP NY, Binghamton 4/18 2025 while listening to strong FF stn on 1360 and during a fade suddenly caught WKOP ID for a new one. FF was probably CKBC Bathurst, NB. (BC-VT)

WMOV VA, Ravenswood 3/22 Correction (See EDXR For April 15, No. 480)s/on at 0602, not 1802. (WPT-DC)
(ed: thanks, Bill, I should have caught it myself)

1370 WKMC PA, Roaring Spring 4/3 1815-1843 w/ad for life insurance company, listing of fatalities on Pennsylvania highways, ad for "Schmidt Monument Works" (i.e. tombstone makers), followed by a report on people admitted to hospital because of car accidents. Finally s/off w/SSB after some of the most morbid programming I have ever heard. (MB-ON)
(ed: perhaps they're trying to get people to drive safely.)

+ 4/16 0532 s/on. Good signal. (WPT-DC)

1380 WTVR VA, Richmond 4/24 0530 s/on. Good signal. (WPT-DC)

1390 WEAM VA, Arlington 4/27 0028 station noted carrying SS programming AN every night, 2300-0600 except MM, since WFAN is shut down. (WPT-DC)

WRIV NY, Riverhead 4/8 0732 Everybody on Long Island knows you can't get this station, so it was a surprise, thru all the slop from WSTC and the SAH from WEOK. Comm'ls for places in Riverhead, detailed wx, MOR mx. (GM-NY)

1410 WDOV DE, Dover 3/29 1803-1810 w/nx, wx, and commentary on Panama Treaty by a professor at the University of Delaware. "WDOV Dover" ID jx & into "Staying Alive" by the Bee Gees, then fadeout. Fair to poor o/CKFH slop for state #38 and first new state on SSS. Do not confuse with pest WDOE in Dunkirk, NY, also on 1410! (MB-ON)

+ 4/18 1136 end of Mutual News, ID, T-40 mx Good signal. (WPT-MD)

1470 WJDY MD, Salisbury 4/25 1201 MoR mx, then nx. Unable to ID because of WTTR QRM. Fair. (WPT-MD)

WTTR MD, Westminster 4/17 1159 c/w mx. Good signal. (WPT-MD)

1480 WHBC OH, Canton 4/14 0135 nx, musical ID, T-40 mx. Good signal. (WPT-DC)

1490 WVEC VA, Hampton 4/18 1904 ABC news ending with rpt of U.S. Senate ratifying Panama Canal Treaty. This stn is consistently atop GY pile, and is now considered a GY pest! Heard after looping out WTOP slop. Xlnt signal. (WPT-DC)

1500 KSTP MN, St. Paul 3/22 1845-1850 strong o/WDEE w/rock mx. (JR-MI)

1510 WITS MA, Boston 4/17 2050 heard new call WITS for the first time, ex-WMEX. Good with talk show. (BC-VT)

WJCO MI, Jackson 3/22 1835-1845 w/c&w mx and s/off. (JR-MI)

1520 WDSL NC, Mocksville 4/22 1900 s/off w/OM anncr. Fair w/moderate QRM. (WPT-DC)

WVOB MD, Bel Air 4/23 1300 oldies rr, then WVOB nx. A much-sought-after 250-watter. Got a timely break from WPGC splash. Fair. (WPT-MD)

1530 KFBK CA, Sacramento 2/27* 0230 poor. Talk show or news, man talking, low het present. (LMP-OH)

WCKY OH, Cincinnati 4/24 0143 noted in passing, carrier on, Brief ID, "WCKY Cincinnati, Ohio testing on 1530 kilocycles". Faint CBS Mystery Theatre in background. (GA-NC)

WCTR MD, Chestertown 4/18 1253 End of talk show, then time. Fair o/u WPWC. (WPT-MD)

WTTI GA, Dalton 3/13 0259 Testing. (LMP-OH)

1540 WBCO OH, Bucyrus 3/22 1825 w/wx & MOR mx at 1825. (JR-MI)

WKIE VA, Richmond 3/6 0215 Poor to fair. Test. Call from listener in IL outside Chicago. Announcer said test going mostly north & west. Into music and QRM. At 0223 man gave ID and said does not know when will run next test. ID again at 0230 and into another call. (LMP-OH)

WPTR NY, Albany 4/14 0212 ID by OM anncr, T-40 mx. Good o/KXEL. (WPT-DC)

WRPL NC, Charlotte 4/16 1900 S/off w/male anncr. Good. (WPT-DC)

1550 *KQXI* CO, Arvada 4/9 0338-0358 ET w/MOR mx, several ID's by OM: "This is KQXI, Arvada - Denver, performing xmtr tests." Fair-poor w/QSB. My second Colorado station. (MB-ON)

KQMO MO, Cape Girardo 3/13 0258 At 0258 gave ID and count 1, 2, 3 and announced as a test for maintenance. (LMP-OH)

WXVA WV, Charles Town 4/16 1201 Tail end of rlg pgm, ID & nx. Fair signal. (WPT-DC)

1560 *WQXR* NY, New York 4/24 0159 Carrier on & brief live ID. (GA-NC)

1570 CKLQ MB, Brandon 3/22 0120-0130 Good o/mess w/c&w mx. (JR-MI)

WTOW MD, Towson 4/21 0248 ET'ing w/rock mx at 0248 thru strong CKLM QRM. Carrier cut 0300, then back on for 0302 rlg type ID & choral mx. Off for good at 0303 (GA-NC)

1580 WORG SC, Orangeburg 4/16 1900 S/off after ment of Orangeburg. Fair. (WPT-DC)

WPGC MD, Morningside 3/22 1810-1815 Good w/rock mx & s/off at 1815. (JR-MI)

WPUV VA, Pulaski 4/5 0700-0713 w/Ai nx, ABC network sports report, ad for Johnson outboards, PSA for safe driving, ad for used car dealer. Fair-good o/WCRV and WPGC. (MB-ON)

1590 WACA SC, Camden 4/18 1900 S/off w/male anncr giving location of xmtr and studios. Fair. (WPT-DC)

WAKR OH, Akron 3/6 0000 Off the air at 0000, but back on about 0200. (LMP-OH)

1600 WWRL NY, New York 4/14 0145 Plugs for rock shows in NYC area, then NY wx fcst. Pair. (WPT-DC)
 WXVI AL, Montgomery 4/24.0137 Best sig yet w/ WGIV off. Black format & logo "the stn you grew up with & that grew up with you". (GA-NC)
 (ed: there was a good aurora that night)

ED'ING the UNIDS
 880 ??? (MB-ON) (see EDXR for April 15, No. 480) Believe my UNID on 880 is KRVM Lexington, Nebraska. (MB-ON)
 (ed: yes, I would think so, too.)

note: * by date - loggings received with whiskers on em.
 //////////////////////////////////////

REPORTERS THIS ISSUE
 GA-NC Gregg Allinson, 908 Christopher Ave., New Bern, NC 28560 Realistic TRF
 MB-ON Mike Brooker, 245 Old Forest Hill Rd., Toronto, ON M6C 2H5 Sony TFM 8000W
 GM-NY Greg Monti, 5 Hickory Rd., Bayville, NY 11709 Realistic TRF
 LMP-OH Louis M. Poda, 395 Kling St., Akron, OH 44311 Guardian 7700, Kenwood R-300 & 60 ft longwire
 JR-MI Jerry Robertson, 6065 Gardner Line, Crosswell, MI 48422 Ross Rx w/space magnet
 WPT-DC Bill Townshend, 4500 Conn. Ave., NW, Washington, DC 20008 DX-160
 WPT-MD DX'ing from Marlow Heights, MD, except 4/23 midday rpts from Andrews AFB, MD. Realistic TRF
 BC-VT Bob Curtis, 17 Cobbleview Dr., Colchester, VT 05446 SP-600 + longwire

Congrats to Bill Townshend for his station # 400, all within the last 14 months. Good going!

73 and good DX Bob Curtis

roundup P.O. Box 1121
 Havertown, PA. 19083
 NOTE NEW ADDRESS!!!

DEADLINES: (Sundays) 5/29 6/25 7/23
 790 KGHL MT Billings, now NSP. Format remains soft rock. NBC Nx on hour. (JCT)
 1380 WAMS DE Wilmington, 4/24 0230-0240. Two minutes of tones hrd poorly thru WNEE and local thunderstorms. Call to stn confirmed my two minutes were also part of their two minutes. State #44. Tnx Jim Hopkins. (RS)
 1490 WLCX WI LaCrosse, 4/19 0210-0215. Fair with mentions of cable TV and IDs. First new Wisc. logging in months. (RS)
 1580*KNIX*AZ* Tempe, 4/24 0245-0330, easily hrd with C&W music, tones, and IDs. (RS)

PER THE LIST:
 4th TUE: WKVT-1490 VT T (RS)

CORRECTIONS:
 Bob Steadman reports that in DXM #29 (4/15/78), all his loggings which should a date of 2/27 should have been 3/27 instead.
 A TIP OF THE HAT THIS WEEK TO:
 JCY - JOHN C. JOHNSON, 501 - 5th Street West, Billings, Montana 59101
 RS - ROBERT STEADMAN, 2758 S. Wentworth Avenue, Milwaukee, Wisconsin 53207

That's all the reports which have been forwarded to me as of 0730 5/3/78. It's been interesting so far, out here. I've had the rx on twice, enough to show me that I picked a noisy apartment complex, hi. 33 stations in the log so far from six states plus DC, I consider drive time radio in Philly to be pretty bad, edpecially since I have to listen to it for 45 minutes each way every day. One consolation--they do play a fair amount of oldies which I like. I haven't noticed WZZD-990 to be as sloppy as Steve Apel mentioned in the 4/15 EDXF. Now that I moved east 700 miles, I come up with several job possibilities back in the midwest--two within a 50 mile radius of my old place. Some years, you just can't win, hi. Gotta go. See you next month.
 Page 490...May 13, 1978.

 NANCY HARDY, Editor
 2301 PACIFIC AVE.
 ABERDEEN, WA 98520
 ALL TIMES ARE EASTERN LOCAL
 Phone for hot WDXR tips: (206)532-6827 till 11:30pm (PLT)--prepaid calls only

western dx roundup

DEADLINES: Thursday June 1,
 Thursday June 29
 REPORTERS FOR THIS ISSUE:

- (HC) Herb Childs-1810 Euclid #22-Berkeley, CA Realistic TRF 94709
- (JEC) James Critchett-1635 Walbridge St.-Red Bluff, Drake SPR-4, Sanserino loop/CA 96080
- (NHP) Nick Hall-Patch-3272 Alder St.-Victoria, BC Transmogrified HRO, V8X 1P2 FET AA loop
- (BH) Bill Hardy-2301 Pacific Ave.-Aberdeen, WA Lafayette HE-30, SM-1 98520
- (NH) Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA Lafayette HE-30, SM-1 98520
- (WJH) Bill Harms-N. 2213 Vista-Spokane, WA 99206 Delco car rx, Philco car rx, Realistic Patrolman 9 w/150' longwire connected to rx by inductance
- (RW) Robert Wien-945 Desert Isle Dr.-San Jose, CA GE TRF long-range portable 95117

 550 KENI AK, Anchorage 4/15 0810 "11 after 3" TC. (JEC-CA)
 550 KMVI HI, Wailuku 4/15 0816 clear ID, different music. (JEC-CA)
 590 *unID* 4/24 0311 unID TT noted looping N/S, probably KUGN as 590 was much clearer than a normal MM, gave me hope for wanted WOW, but no show. (RW-CA) (Why not KHQ? Both KUGN & KHQ are normally NSP.--NH)
 620 CKCK SK, Regina 4/24 0316 very poor u/ETAR w/KGW off, mucho KFRC-610 slop; rr mx, one ID as "Radio 62, CKCK." Not enuf for report, but SK #6 for me. Nice to get something new on 620, one of my more lacking frequencies. (RW-CA)
 665 KEWC WA, Cheney this is a college 10 mw station I received when I was passing thru Cheney on 4/26 at 1527-1532. Pop mx, ID at 1530 and nx afterwards. Also a PSA for student grant for art. The signal was very erratic & only strong as I drove near the Eastern Washington University campus. I will count it on my station totals because it's within 25 miles of here. It's my 1st split. (WJH-WA)
 670 KBOI ID, Boise nothing extraordinary about this station, but the time of reception is. Noted on my car radio near Fairchild AFB, WA on 4/26 at 1434-1437. Pop mx & SID. Fair signal, good readability. 11:34am local time. (WJH-WA)
 690 unID XETRA off but testing occasionally 0700 4/22. KKUA mostly dominant but somebody there w/Ai nx. KHEY is the only one listed, but no positive ID. (NHP-BC)
 710 KIRO WA, Seattle in good here on most radios during daytime. Their signal has been better during the daytime than at night. (WJH-WA) (This is because they null New York City at night.--NH)
 830 KIKI HI, Honolulu 4/15 0729-0740 ID between records was simply a strong, clear "K-I-K-I!" Mx was pop standards (Beatles, Streisand). Poor to good w/some KGO-810 splatter. WCCO not heard. (HC-CA)
 850 *KOA* CO, Denver 4/24 0255 noted TT'ing off and on, OC left on for quite a while. (RW-CA)
 910 KNEW CA, Oakland finally nabbed this one 5/1 0338-0345 w/C&W mx and SID. In fair w/QRM from unID. This was my "most-wanted station." Sure is nice. (WJH-WA)
 920 KVEC CA, San Luis Obispo 0600 4/17 noted w/pop mx o/u KITN, then YL giving ID. Is this now NSP? Not noted 4/24. (NHP-BC) (Noted AN last January. See 2/4/78 WDXR.--NH)

920 KORK NV, Las Vegas came in unexpectedly 5/1 0306-0310 w/rr mx & ID. (WJH-WA) (KXLY off, I presume?--NH)

1050 CFGP AB, Grande Prairie 4/24 0338 making a rare appearance in XEG null w/MOR mx. (RW-CA)

1060 KKKQ AZ, Tempe 4/17 0713 beside CFCN and KPAY OC only. (JEC-CA)

1060 KGFY SD, Pierre 4/17 0659, 0705 ID, TC; no KPAY. (JEC-CA)

1070 KERR MT, Polson this station has elevated itself to regular semi-local status. It can be heard on most any radio during the day and night regularly. It's the first Montana station to do so on my list. (WJH-WA)

1090 KING WA, Seattle heard 4/26 at 1445-1450 w/SID and rr mx. Signal very weak, but readable. (WJH-WA)

1100 KFAF CA, San Francisco 0500 4/26 announcing "24 hours a day" w/legal ID. NBC chimes from WWWE noted in background. Where's KFAF's Tues. SP? (NHP-BC) (Huh? this was Wed. morning, Nick, hi!--NH)

1130?*KWKH*? IA, Shreveport 4/24 0414 apparently the one TT'ing u/KRDU in CWX null. (RW-CA) (Any ID? Why not KSDO?--NH)

1220 WGAR OH, Cleveland 4/24 0212 in again u/XEB on xnt eastern night, apparent talk show, also u/CKDA & CJOJ later on. (RW-CA)

1230 KRDG CA, Redding 4/11 0325 dominating GY mess most of the time. Wx (59°F/15°C), local ads, rr mx. (HC-CA)

1250 KTMS CA, Santa Barbara 3/16 0340 ad mentioning Santa Barbara, ID, pop-rr mx. Fair w/KYA-1260 splatter. (HC-CA)

1250 KYAC WA, Seattle 3/16 0345 barely heard u/KTMS w/PSA for a social service agency mentioning Seattle, ID, & into soul mx. (HC-CA)

1280 KIT WA, Yakima 4/24 0255 DJ said someone was coming on after the 0300 nx for the "AN show," so looks as though they are AN MM's again, as per NHP's tip in 4/29 WDXR. Unless they've shifted the MM SP to some other morning, they're probably NSP now; they were NSP from sometime in the mid-1960's till about two years ago. (BH-WA)

1290 KUMA OR, Pendleton 4/23 2252 s/off after "Portals of Prayer," then SSB ending 2254. What an odd hour for a Sun. s/off! (BH-WA)

1340 KOTY WA, Kennewick 0649 4/18 noted fair above the crud w/pop mx at this time, apparently RS. Now AN? (NHP-BC)

1360 KXOL TX, Ft. Worth 0340 4/17 nil to fair w/C&W and KXOL ID. 1360 was like a GY at this time, but this was the only ID. (NHP-BC)

1390 *KSLM* OR, Salem OM gave details of test at 0427 4/24 after pop mx. Said they were using 5 kw and would be back at 5am, then switched carrier off. Strong signal. (NHP-BC)

1390 CKKC BC, Nelson spot for West Kootenay Trade Fair over & over & over 0314 4/17. These guys make a habit of this sort of thing it seems. Still at it 0330. (NHP-BC)

1400 *KXIV* AZ, Phoenix heard TT and ID 5/1 0350-0356. Signal was good. (WJH-WA)

1400 KBMI NV, Henderson 5/1 0401-0416 several ID's w/rr mx. Good w/some QRM. New here. (WJH-WA)

1400 CHNL-1 or CINL BC, Clearwater or Princeton "CHNL" ID heard in GY mess 5/1 0350. (WJH-WA)

1510 KDKO CO, Littleton 5/1 0416-0420 ID into pop mx fighting TT QRM. (WJH-WA)

1510 KGA WA, Spokane 5/1 off the air on MM after 0300. I find out more later. Strange! (WJH-WA)

1550 *KUAT* AZ, Tucson 3/27 0442+ TT, ID's. Fair; KRGO not heard. (HC-CA)

1550 KGAR WA, Vancouver 4/22 1343 local spots, PSA, station promo & ID, following C&W mx. Good w/local KGHO-1560 off. Never heard before at this hour due to KGHO sloop. (NH-WA)

1560 KCJJ IA, Iowa City 4/24 0355 at last! Poor, but alone on freq., thot this was KEAA testing, but Iowa wx at 0359 gave it away. C&W format, moderate KLIV-1590 sloop. Are they only 1 kw? (RW-CA)

1560 KDFL WA, Sumner 4/22 1347-1401 relig. program, ID at 1401, information about area church services, 1405 into religious program. Good w/local KGHO off. (NH-WA)

+ 5/1 0832 tuned in at end of s/on mentioning KDFL & "Christian programming", then local announcer reading world nx. Neither KPMC nor KGHO on yet, so this all alone - go after it in May between 0830-0844! (BH-WA)

1560 KGHO WA, Hoquiam 4/22 noted totally off 1337. OC, spurts of weak audio, & off completely till they came back on at 1711. (NH-WA)

+5/1 0845 s/on, just as the SSB was ending from KPMC's s/on. This confirms that KGHO is signing on at LSR 7 days a week till 7/31. (BH-WA)

1570 *unID* 4/24 0236 this ET has been heard for hours nightly since last week, looping NW, so must be CHUB, doubt KCVR as they wouldn't test nightly! (RW-CA) (CHUB wouldn't test nightly either, as they are NSP!--NH)

1580 *KNIX* AZ, Tempe-Phoenix 4/24 0245-0300 o/u KDAY on DX test, believe it or not. New, was tentative until now. Clear ID's, occasionally rolling o/KDAY, most of time under. KLIV-1590 sloop varied from slight to extreme, depending on mx played, but cassette tape report sent, as nothing verified on 1580 yet, KDAY apparently doesn't verify. KLIV & line noise kill anything on 1580 at SSS. Line noise worse higher up on band than lower. (RW-CA)

+4/24 0257 on DX test; DJ talking between C&W songs said "Arizona country, K-N-I-X." AM&FM ID (AM "Tempe-Phoenix" & FM "Phoenix") 0300. In very well, as expected based on past ET's from old KTUF; mixing equally w/KDAY's talkshow. Had tried for KNIX 0237 but evidently the test got a late start. At 50kw-ND on a wide-open channel, this should have been heard everywhere in the USA except Santa Monica, hi. (BH-WA)

1580 *KWIP* CA, Merced full ID 0333 4/17 bits of rock mx & OC noted o/u presumed KDAY. Poor to fair signal. (NHP-BC)

April f/c's:

4th MM Tried, but not heard: KBMY-1240 (BH-WA)

In case you are wondering if you are missing a page of WDXR this week--the column does jump from 1400 to 1510! WJH's three loggings on 1400 are the entire listing for the 1400's. It looks like everyone DX'd the 1500's as they comprise about a quarter of WDXR this time. Welcome back to Washington state, WJH. 73

K A T N
9400 Fairview
Boise, Idaho 83702

RADIO STATION
WNAU
202 BANKHEAD ST.
NEW ALBANY, MISS. 38652

SPORTS INFORMATION NEWS

On hand at HQ is the 1978 baseball network list from Bill Hardy. However, there wasn't enough room this issue for it, so it will appear in the 6/10 issue. Also appearing in that issue, or as soon as space permits, will be special features from Bill on the following items:

- * The FCC's granting of a CP for a 50kw fulltimer on 890 at St. George, Utah, to compete with KDXU-1450 in that small town of 7000 people.
- * The Mutual Network's purchase of WCFL-1000 Chicago
- * The U. S. Supreme Court's refusal to overturn an FCC decision two years ago giving WABC-770 I-A status and dropping KOB-770 from I-B to II-A status on that frequency, a battle dating to 1941.

Bill also promises a complete NASL soccer radio listing soon, as well as interesting stories on the assistant CE at KGHO-1560, who is blind, and the recently ended joint operation of KITT-920 & KITI-1420. If you have an interesting feature article, why not write it up and send it to Bill for publication?

eastern dx forum

John Zondlo
6617 Maryland
Hammond, IN 46323

Robert Steadman-2758 S. Wentworth-Milwaukee, WI
53207

Greetings from the lucky DXer. Since this is my first forum, an intro is in order. I'm 29, married, with a 2½ year old son, and work for the city of Milwaukee. I've been DXing for one year as of 4-18-78. My first year has been reasonably successful, having heard close to 600 stations, varied 41 of 43 states, 6 of 6 provinces, and 8 of 18 countries. I use a Gerry Thomas special TRF, RF-2200, and DX-160 with an SM-2 and what passes for a longwire. Its only redeeming factor is that it's copper. I'd like to publicly thank Gary Stigall of GWDXA for arranging the KRCO-Oregon test. I couldn't find his address or GWDXA's anywhere, so if someone with IRCA and GWDXA runs into him, please pass on my thanks. I received the KRCO verie 4-17, along with KGA-WA and WSPA-SC, giving me 3 new states varied on the same day. Mark Connelly, your TA tape came in handy when I logged my first TA (W. Germany-1586) after 8 months of searching. I finally got it on April 4 at sunset. I assume that's unusual at my location this time of year. Before I run past the limit, my report to CDXR in DXM-29 had a small error (my fault). All my loggings should have been dated 3/27 instead of 2/27. Hopefully I didn't make the same mistake for DXM-30. Anyone passing through Beer City this summer, feel free to drop by. I'd be more than happy to swap lies with you. 73's Bob

Brian P. Sherwood-221 Larch Ave.-Elmhurst, IL 60126

Greetings to one and all. I just got a v/l back from WGOE-1590, and their address has been changed. The new WGOE address is: 3122 W. Cary St., Box 14511, Richmond, VA 23211. JZ, is there any place in DXM to list station address changes? (Here in the DXF, or possibly in RPN-jz). I think a column like this would be quite helpful. I've had several reports returned marked "undeliverable as addressed". These were sent to the addresses listed in the latest (1976-77) NRC Log. I would be quite willing to edit a column like this, if there isn't already one. Or should that stuff go to Bruce Goldsen to be put in RPN? So much for that. I would like to comment on the excessive number of forums I've seen arguing over call-letter changes. If I didn't know better, I'd say IRCans like to argue over trivial little no-account matters more than DX. I think if you want to count call-letter changes, do, and if not, then don't, but how about a little more time spent promoting the hobby and a lot less time spent arguing over something that really doesn't matter anyway. Next thing you know we'll all be bitching over whether a station counts twice if it is marked in both the NRC and VJ logs. I think the matter has been blown up all out of proportion. I say let each DXer do his own thing. If you want to tell other people how to do everything, join the Army and become a drill sergeant. If you want to DX, DX. In conclusion, may I say that at least 50% of the forum space in the last handful of DXMs has been spent arguing over something like call-letter changes. If you want to argue over something trivial, I've got another good topic: which way should you hold the toilet paper when you go to the can? Fold it, wad it into a ball, or wrap it around your hand? If you're all willing to bitch over call-letter changes, then you should all be willing to fight over this. They're both equally trivial, piddly little topics. 73.

C.M. Stanbury II-Box 218-Crystal Beach, ON LOS 1B0

It probably goes without saying, but I thoroughly enjoyed the April Fool's edition of DX Monitor - especially, egotist that I am, the part about over-the-horizon radar (i.e., R2D2 which, as we know now, was terrorizing the more hysterical citizens of Eugene from the Alameda NAS - not too far from publishing HQ, hi). OTH radar is now the hottest topic in DXing and I was lucky enough to have worked this into my 1977 novel "Anti-Matter", which now should be obtainable from any university or college library with a substantial collection of contemporary American fiction, as it was recommended for such by the American Library Association. Of course, if you don't have access

to such a library, you can always send \$2.95 (plus 75¢ for postage and handling) to Dustbooks, Box 100, Paradise, CA 95969. However, for the majority of DXers who will not read the book (it is a bit on the "underground" side), let me simply note it's my theory that R. Americas served, among other things, as cover for an experimental OTH radar facility on Swan Island and this connection has turned out to have potentially embarrassing political ramifications.

Page P.ve-P.O. Box 1062-Hagerstown, MD 21740

Thought I would take a few minutes to introduce myself as suggested in the current issue of DX Monitor received today. I live at the Hamilton Hotel in Hagerstown. I am not a big broadcast DXer, but do DX the various bands in general as time allows. I am a member of several clubs besides IRCA, including NASWA, SPEEDX and the NNRC. I am currently the TV-FM editor for the NNRC Bulletin. Am also into ham radio and have the Advanced license-callsign WA3EOP. Have been a ham since 1964. Most of the awards and certificates received over the years were for ham radio achievements, and I have over 100 certificates total. I am a life member of the ARRL and a member of the ham's Certificate Hunter's Club and a member of the Oddfellow's Ham Club plus several Oddfellow (IOOF) related fraternal organizations. I could list numerous ham radio achievements, but as this is a broadcast DX club I won't. My best broadcast DX I guess is Radio Clarin, Dominican Republic, or perhaps Surinam. Have heard R. Sutatenza and a few others from South America on rare occasion, but generally I listen for the fun of it and don't worry about the QSLs. Gosh, with several hundred ham QSLs, plus SW broadcast cards, I have enough postage problems, hi. Have two receivers generally in present use. First, the Yaesu FRG-7, and second, a National NC-183D. The National is by far the best for standard broadcast band, but doesn't have the semi-portability of the Yaesu. I look forward to reading the DX Monitor and am sure that I will enjoy my membership. 73.

Bill Townshend-4500 Connecticut Ave. N.W. #901-
Washington, DC 20008

Greetings once again from Watergateville. I finally bought a Realistic TRF set for \$30 at a Radio Shack store 11 blocks downtown and was immediately impressed with the results. Eighteen new stations within five days, with ten catches around high noon during the lunch break. Although the office building in which I work (the World Weather Building in Prince Georges County MD, just inside the Capital Beltway on SE outskirts of DC) is a DX-buster (the radio must be next to the window for best results on AM; FM is not affected), there are places just outside where DX catches are super. The mid-rise (8 story) pile of concrete and steel is held up by 40 concrete foundation pillars, 24 of which are outer pillars and outside the doors. Reception is best with the receiver against any one of these exterior pillars. This phenomenon resembles that experienced with the metal box behind my boss' desk during midnight shift as mentioned a few forums back. These pillars, as well as the wires in the wall near the metal box, serve as an external antenna. The only problem in DXing at that site is at the high-frequency end of the BCB, which is dominated by WPGC-1580 and its #1!#2?& slop due to close proximity (5,000 meters/3 1/8 miles) to its 10kw transmitter. Mainly 1540-1620 is affected, but even 1520 has enough of the SB splash to hamper DXing there as I try for two upstate catches, WTRI and WVOB. During one of my lunchtime DX sessions with the TRF (Tuesday 4/18, 12-2), seven local stations (WBMD-750, WABS-780, WCTN-950, WUST-1120, WANN-1190, WFAX-1220, and WPWC-1530) were broadcasting the Word of Almighty God all at once. The "born-again Christian" movement seems to be taking over with a revival of that "old-time religion", at least on the airwaves. In addition, there is an FM outlet in the DC-Baltimore area (WFSI-FM 107.9) with religious format. Neil Wolfish's PA catch on 940 (DXM, 4/15) is WVLV, which was heard at noon in the DC area on 4/14 (PG county, MD). My apartment is on the top floor of a mid-rise (9 story) yellow brickpile in upper NW DC, with a good view to SE. The closest transmitter is WTOP-TV 9 and WMAL-TV-7, which share the same mast 1,100 meters west, then WRC-TV 4, 1,600 meters/

1 mile SW, and WDCA-TV 20 3,300 meters/2 miles NW. WAMU-FM 88.5 is 2,000 meters/1 1/4 miles SW and the closest AM mast is the now defunct WFAN-1340 (1kw), 7,000 meters/4 1/2 miles ENE, then the WWDC-1260 (another notorious slobber) tower 8,000 meters/5 miles NNE. At work the closest transmitter mast is that of the notorious slob champion WPGC mentioned above. Besides traveling all over the world, my other major hobby is license plate watching, especially personalized and low-numbered VIP tags, not only in the DC-MD-VA area, but continent-wide (I got hooked on it 12 years ago and am still at it. Among the personalized tags are many belonging to ham operators. I wonder where I can get hold of a book listing all the ham operators in the U.S. and Canada or worldwide. Now that local WEAM-1390 is carrying the Orioles' baseball games, the excess slob disappears with the games and reappears with the rock music. DC-area DXers now get a break not on 1340 with WFAN off indefinitely due to a legal dispute, but also on 1380 and 1400 (WEAM behaves itself when the Birds are on the air). 4,470,115, 461,512,684,340,891,257,138,125,051,110,076,800,700, 282,905,015,819,080,092,370,422,104,067,183,317,016, 183,317,016,903,680,000,000,000,000 (the exact value of 73 factorial) and good DX.

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DEADLINES: **western!** Rick Heald
 04 MAY **dx forum!** 1581 - 20th Avenue
 01 JUNE San Francisco, CA 94122
 29 JUNE Ph: (415) MONTROSE 5-4201
 27 JULY
 =====

GENE MARTIN-3303 EAST EVANS AVE-DENVER, CO. 80210
 +++++
 On pages 234 of the 78 WRTVH is a listing of several Australian stations -- 6WF, 3LO, 3AR, etc -- whose prgms may be heard in the short waves. This is different and distinct from Australia's regular shortwave service, where the ID is "R. Australia". For example, 6WF in Perth can be picked up quite easily on SW 50kw at 15,425kHz. The transmitter is supposed to have a call ID of VLW15, but I have monitored it off and on for the past 2 or 3 Summers, and have never yet heard the SW station give any ID except what 6WF uses for itself. Incidentally, 6WF uses that call on occasion, along w/the usual ABC IDs. I once heard the announcer refer to his station as merely "WF". These references to the call come in the announcer's patter rather than at ID time. And Nick Hall-Patch, you will be interested in knowing that the 6WF six pips on the hour came in the key of C on 28 Apr '78 at 0800, that diagnosis by my musical daughter-in-law, Ellen, who's currently visiting us. I can't lay my hand on my notes right now, but I'm sure she found 3LOs pips were in a different key as heard on a 1971 taping. Anyway, 6WF, now on 720, is a station which is certain to be of interest to North American DXers, for on Australia's SW Coast, it's probably the most distant point that might conceivably be heard by most NA DXers. Larry Godwin has heard it from Oregon and pronounced it "his most wanted station"..... Meanwhile, you might let your mouth water by hearing it in the short waves? 73.

GARY LARSEN-2806 LINCOLN-BURBANK, CA. 91504
 +++++
 Hi y'all. It's raining in Burbank at 0245 PLT but only very lightly. This MM, 4/24, I hrd KCBS about 0030 PLT when usually I hear a s/off about 0010-0012. Also, an FM here in LA was still on after midnight, when they normally go off. KPOL 93.9. The AM side on 1540 was off as usual. While in the Bay Area from 4/14-17, I found that more stns are hrd daytime, at least that's what it seemed like. I was in the Concord area and hrd many stns in Sacramento, Stockton, Modesto and even KPFE Fresno, so I'm sure if I were in an open or not too populated area (like Novato w/KCBS off), I'm sure the nite DX would really be great. Speaking about KCBS, I went by the area where the 4 towers were, but didn't see any road leading to them. How does one get there? (Follow to Marin Airport, then S. along S side of airport along a dirt road-RtH). Saw 2 towers S of Petaluma. I know 1 is KTOB, but does anyone know who has the other one? (Neither are KTOB, both Navy communications. KTOB on W. side of Hwy 101, hard fast against a hill, can be seen as you cross o/Petaluma River, then a hard look left-RtH). Interesting to note that KYA is similar to KROQ in that no commercial spots are played. KROQ is doing a 2 month thing where they don't have any spots but I have heard a couple on KYA (via tape). Recently met someone who, while we were running a couple miles at a local park, mentioned he was from NorCal, Cupertino to be exact. I hope to ask him more about his opinions of the different stns, although I'm sure he is not into the hobby like others. This, if you can use the info,

the v/s at KXO El Centro is Gordon Belson, GM. Picked up the stns on 1220 in Pomona, CA, KLIT & notice they're religious. The LA area is really getting a few. Anyone know anything about KNSE 1510? What was the story on 1220 and 1510 anyway? Is 1510 now Pomona and 1220 Ontario or the same asit always was? If the situation on a freq-city change is in effect, then I suppose that counts as 2 new stns, right? Anyway, enough of this. 73 from still rainy SoCal.

BILL HARMS-N. 2213 VISTA RD-SPOKANE, WA. 99206
 +++++
 These last 2 wks have been rather hectic. I think I'm finally settled down again. Logged my first "split" last week. No, it wasn't a TP, but it was a little exotic. It was a low power campus radio station at Cheney, WA, KLEWC 665. It's w/in 25mi/40km of here, so I will count it, even tho I rovd it next to the XR site in Cheney. (More in WDXR). On to something else. While I was down in UT, I found out something of interest about the terrain surrounding my QTH. I talked to a ham at the BYU club stn and I asked him about the skywave blockage due to the high mtns. He said the stns from the East are considerably weaker than the ones from the West. In addition to that, he showed me something the mtns effected besides the signal blockage. To show me, he rotated the beam of their antenna from W to E. Something weird happened, the static level increased as he turned it, so much so that it was like day and night. He explained that the mtns and the valley together act like a giant parabolic dish and focus all the static and electrical noise to the base of the mtns, right where my apartment was. That could explain why I always had HNL. Maybe next time I will move further from the mtns, hi. I hate to drag something on, but it really makes little difference to me how anyone counts their stns, but for me I think my system is the simplest. I count any freq change or call change, and I neve count format, facility, antenna, or power changes unless it involves the freq or the call changing at the same time. I find that this system is the most logical for me and I have used it ever since I started DXing. Anyway, the stns that are "extra" by counting this way are few and the no. is relatively insignificant, w/o any hurt feelings, no big deal, right? Enuf of that. Anyway, bye for now. 73 de WJH. P.S., Rick, I hope you had a good time in Monaco. (Great time, great place-RtH).

NICK HALL-PATCH-3272 ALDER ST-VICTORIA, B.C. V8X 1P2
 +++++
 Just a short note (what a relief, eh RtH?). (You feelin' OK, hi-RtH). DX has been tapering off, although it was possible to hear 2YC 660 last MM 4/24 w/a landmark signal. Now, if I could ID that Zedder on 1000 which never seems to ID when it fades up.... In other matters, thanks are due to Doug Everitt who sent me a card concerning my unID IA on 1124.7. He says TISHRB is about that freq. I'm pretty sure that this is the one, but until my headphones say something specific, it won't be able to grace my logbook. Costa Ricans in general have been pretty good this season w/Titania 825 and R. Reloj 700 the most regular. Still haven't Ided 527, 755, 875, and 1124.7 for sure however. In Bill Hardy's article on daylight time in Canada, he mentions that Brian Vernon believes that Northwest Territories stations use daylight time, but I thought it unlikely. I'd take Brain's word over mine on this subject, as he's been there and heard the stations in question and I never have. When the sun's up 23 hrs a day, or whatever, I guess it does not matter what time you call it, hi. Enough for this time. 73

JEF JAISON-"BIG ZUCCHINI CHICKEN RANCH"-12860 136th AV N.E.-KIRKLAND, WA. 98033 Phone: (206) 821-4770
 +++++
 I can't stand it. Reading all these reports in the Apr 29 DXM has prompted me to get off my can (---er, beverage can, of course) and write. Here's my hottest DX of the season. CFFR on 850, 4/29 0120 EST. Don't ask me how, unless they've changed freq lately, which is about as likely as KOB going Class 1-A. I was just minding my own business, listening to the ether flak and some sort of MoR rock mx, when the ID came thru. At first I ignored it, thinking that I'd logged all the domestics around here on 850 (to wit, KOA, KTAC, & CKRD). Then it suddenly dawned on me that "FR" probably stood for Prince Rupert and I knew darn well I'd never heard them before. In fact, I began to recall all the early am's I'd tried for them and heard nothing but that bozo OC on 860. Just for the heck of it, and to prove to myself I hadn't been hanging around the docks when the Helena Star came in (you know...the 37 ton pot seizure?), I turned to 860. Sure enough, 860 was there, but no CFFR, it was back on 850. I somebody's got an easily digestible answer for this one, I'd sure like to hear it. (They were

off frequency!-hi-Rth). Speaking of CKRD, I received a verie from Owen Martin, CE, whose CE father Ken wrote me my first CKRD verie 17 years ago. Oddly enough, the verie was the same type card in both cases. Owen says he doesn't get many reports so he guesses that's why the station never bothered to change the vq. According to the card, the XR is now a CCA (as opposed to their old Collins), "omnidirectional" 10/1kw. I DXed the KIRO PoP from 3 blocks away from their Seattle studios. Hot DX, hi. I had my report on the CE's desk at 8AM PST, and received a verie that read, "Any day, any time". My totals since the first of the year now stand at 4 hrd, counting KIRO & CFPR. Not what you would call a bog season. And, sigh.....no WI a-gain. Just the powerline QRM, which has returned w/a vengeance. Well, my album should be out (finally!) about June 1, on Virgin Vinyl Records. Our motto: It Sounds Like The First Time (oi!). I thought about calling the label DX Records, but I didn't think anybody would get it, except us, of course. And yes, Dr. Demento is back in syndication, and no, Friendly Neighbourhood Marco Agent is not on the album. The purple cow is not sacred. 73 de WMORS. (Hey Jef, when will we see you, your bug, and a trunk full of albums in the Bay Area?-Rth).

RICK HEAD-1581 20th AVENUE-SAN FRANCISCO, CA. 94122
Tele-Forum: (415) MONTROSE 5-4201 to 2200 PLT pp.
+++++
Monte Carlo, Monaco (pronounced locally, Mo-KNOCK-o.....yuk) conjures up, wealth, gambling, jet set, etc. Right on all counts. So many Rolls Royces running around they all started to look like VWs, hi. I'd like to thank Albert & Grace for the cocktail party they never threw for us, and Stavros Arcos (Onassis's brother-in-law) for the dinner party he never threw for us on his yacht, hi, hi, but great trip, a "working" trip, the wx was crummy, little time for DX, and tnx to cloudy (and rainy), cold wx, that precluded me taking the TRF down to the beach for DX, so hotel room DX...not bad...minor flourescent light noise. Daytime DX interesting. Best was 529 Algeria. If you look at a map, it's closer to Monte Carlo, than LA is to SF, and w/600kw, you better believe they had some signal, for daytime DX. Two stns in M.C., on 701 (Italian) and 1466 (FF). Govt FF and II stns, BORING! Just like BBC, so listened daytime mostly to 701, peppy MOR w/some Amer. rock and C&W! Tried to visit R. Monte Carlo, but receptionist simply said, "Impossible, impossible!", and gives me 2 bumper stickers (sorry, they're spoken for, hi). Nighttime DX, soon to appear in WDX, interesting. Arabic all up and down the dial, and come to think of it, they are to Monte Carlo, what the Mexicans are to San Francisco, it's about the same distance, and just as pesty, hi. Albania does an EE propaganda thing on 1394 late at night, signal like a local. R. Luxembourg certainly does beam to the NW, quite weak on the Riviera. Now then, R. Monte Carlo's XR site is directly in back of town, and straight up! Like 3000ft up! All SW, MW, FM & TV on top of the mtn. Or, about 3km from my hotel, and talk about CLEAN!!! Was able to work 1457 at nite w/RMC on the air! 701 not so clean, blocked out Barcelona 737. BBC Int'l service on 1088 & 1295 lookin' good, xint signals. France and MC, by the way, go on daylight time the last Sun in March! No metal detector at Nice Airport, you get searched!! The man loved my TRF, but I had to show him where to tune to hear a stn!! Nice's XR site is visible as you land. It's about 15-20mi West, in Antibes E of Cannes (pronounced locally, Can, not Cahn....yuk again). Huge tower. Tried to visit Italy on one free day, but another one of their bloomin' holidays, and the only thing open were bars, and of course, I don't drink, hi. So turned around and went to Nice for the day, and yes, Nice is nice, oooooooo, sorry 'bout that. Recovered and visited on way back w/the Foxworths out on Long Island. Crashed the first nite (for some strange reason), DXed Sat nite, 4/29-30, had nice phone chat w/Greg Monti and later w/Mr Apel. Got some rare DX, like WGBB, hi. Seriously folks, the sun flares that day destroyed any good DX. More about that later. Gone way over here, so gud DX to all and 73 de Rth.

HUSCO BROADCASTING AND ELECTRONICS CORPORATION
CATV DIVISION WWHY RADIO
31 WEST SIXTH AVENUE
HUNTINGTON, WEST VIRGINIA 25701

Toronto
S18 The Sunday Sun, April 23, 1978

Murphy's Law author seeks new problems

NEW YORK — "If anything can go wrong, it will," wrote author Arthur Bloch — and "Murphy's Law" was born. So was a bestseller of that title, and now Bloch is looking for 100 new axioms of pessimism for his book's next edition. He says he'll stage a contest and reward successful entrants with 10 free copies of the book, but he may not be able to get contest rules

across to candidates. After all, another "Murphy's Law" states, "If you

explain so clearly that nobody can misunderstand, somebody will."

13, TDXC
Tennyson Avenue
TWICKENHAM, T1 1 4QX
Great Britain

22 March 1978

Dear Editor,

Twickenham DX Club 1978 QSL Survey

The Twickenham DX Club is pleased to announce the publication of its second survey of verifications received by members. The 16 page 44 publication lists, in country order, broadcasting, calndestine/pirate, utility and television stations. Details of the frequency band verified, number of QSL's received from 1974 to 1976 and 1976 to 1978, type of verification, other information sent by the stations concerned (permants, etc.), whether return postage is recommended and the time replies taken for each station.

The price of the survey is: Great Britain...4 x 7 p. stamps
Surface mail anywhere...3 IRC's
Airmail anywhere.....5 IRC's

A sample copy of the survey is enclosed and we would be very grateful if you would publicise it in *DX MONITOR*

Many thanks in anticipation, 73's

yours sincerely

David Kenny
David Kenny.

PS - Orders for the Survey should be addressed only to:
TDXC, Tennyson Avenue, TWICKENHAM, T1 1 4QX and not any of the other club addresses.

A's Radio Station a Bit on Weak Side

By TOM WEIR

OAKLAND—Imagine for a moment that you're an A's fan, living in the Bay Area. Your team is playing tonight and you're listening on the radio.

You drive by the Oakland Coliseum and continue south for a few miles into San Leandro. Suddenly the radio goes dead.

Or you live in the southern section of the Oakland Hills. No sound there, either.

Or maybe you live in Contra Costa County, the bedroom community tucked just over the ridge of the Oakland Hills, a 25-cent BART ride away from Oakland. Again, nothing.

That's because the A's have signed a radio contract with a Berkeley station that has about as much power as a Class A short-stop.

KALX, OWNED by the University of California and student-operated, is the lucky new client of Charlie Finley. KNBR, the station that carried Oakland last year, wasn't exactly crying about the loss of business, particularly with the Oakland-Denver situation so uncertain.

Doing the play-by-play will be Larry Baer, a quick-thinking 21-year-old student at U.C.-Berkeley, who engineered the radio deal. Baer noted the A's tentative broadcast situation last season, when Finley signed with KNBR just days before the opening game.

Baer contacted Finley over the winter about doing the 1978 games, was treated politely, but told no. But Baer apparently ended up as Finley's only out, so the A's owner and KALX came to an agreement just three days before opening day. KALX's costs for rights weren't

disclosed.

BAER IS A political science major who intends to study law. His announcing should be interesting, because he is a Giants' fan who never cared much for the A's, believing the Oakland franchise trespassed on Giants' territory.

The station's transmitter sits atop a hill in Berkeley. If you stand on that same hill, every house you see supposedly receives the broadcast from KALX—an estimated two million people.

But anyone living on the wrong side of the living hill gets left out. That means Oakland—guaranteed to be the team with the worst home attendance—also will be the least listened to club in the majors.

Well, at least the A's have some sort of a station, right? Not quite. Finley and KALX, keeping the potential Denver move in mind, signed on for only the first 16 games.



Angel Notes
L.A. ANGLES APRIL 16, 1978
Remember when folks in the Bay area complained that college kids were too vocal? Now they're griping that they can't hear the kids, at least the two young men who broadcast the Oakland A's games on the 10-watt, FM, college-run station to which Charlie Finley sold the early-season radio rights for \$1. Fans trying to listen to the game on radios in the stands get mostly static, or nothing. "You can see 'em great," grumbled one fan, pointing to announcers Larry Baer and Bob Kozberg in the nearby radio booth. "You just can't hear 'em." Another fan said he picks up the post-game show on his car radio—for about two miles. "When you go under the Marina Blvd. underpass," he said, clapping his hands, "that's it." Baer and Kozberg said the complaints were exaggerated, but also said they were trying to line up an AM station to broadcast the games.

The Oakland A's said they've sold radio rights to broadcast their games to an FM station (KALX) owned by the University of California. A spokesman for the Berkeley station said the agreement with the A's runs through April 23 but declined to comment on the significance of the date other than to say the contract "would be extended."

It was believed to be the first time in major league history that a broadcasting contract had been given to a college station. Larry Baer, a California student, will do the A's play-by-play.

DX**Worldwide****BRUCE PORTZER,**
EditorAll times GMT/UTC
Deadline 6/1

6516 19th Avenue Northeast - Seattle, WA 98115 - 206-522-2521

ATLANTIC DX ROUNDUP

- 518 ALGERIA, Oran, loud w/AA female vocals & string mx 0314 4/17. (Connelly, MA)
- 1034 PORTUGAL, Porto Alto, 0640 3/20 poor, guitar mx & man talking at 0645. Het also on 1043 at same time. (Poda, OH)
- 1070 t GUINEA-BISSAU, Bissau, 2335-2400 4/16 w/CBA phased out. Parts of rhythmic pgm thru WKOK seemed // 5014 kHz. Could not positively distinguish MA when hrd on SW //. Same situation prevailed 4/2 & in March. (Bailey, MA)
- 1295 GREAT BRITAIN, Crowborough, BBC, 0358 4/24, IS of trumpets in key of Bb, slightly akin to Albanian IS but played more rapidly & w/more notes. (IS hrd several times in the past). Bits of EE male w/mx 22 db o/noise, 3 Hz SAH. (Bailey, MA)
- 1375 ST. PIERRE & MIQUELON, poor w/FF talk by man 0020 4/24. (Connelly, MA)
- 1385 EAST GERMANY, Bernburg, 4/19 0320 GC male ancr between symphonic excerpts from Wagnerian opera. Only fair most of the time. 30 db o/noise. (Bailey, MA)
- 1385 ? UNID, Canary Islands suspected. Lush Muzak briefly good, then faded down 0013 4/25. Sig was alone on channel & looped Africa. Band was open to Africa & closed to Europe at the time. (Connelly, MA)
- 1403 GUINEA, Conakry, in w/big carrier, weakly modulated by male chanting 0010 4/25. (Connelly, MA)
- 1475 BENIN, Cotonou, fair but fadey w/repetitive African inst mx 0004 4/25. (Connelly, MA)
+4/25 0130 native rhythms & chanting; FF male ancr, very strong, 58 db o/noise. S/off 0200 w/o MA. (Bailey, MA)
- 1493 IVORY COAST, Abidjan, 4/20 2340 FF ancr w/W. African mx. Very strong s/off 2400 w/MA. (Bailey, MA)
- 1578 ? UNID, Portugal or an African here on a low-latitude TA bearing; hard rock, then SS or PF-sounding talk 0007 4/25. (Connelly, MA)
- PAN AMERICAN DX ROUNDUP
- 590 CUBA, Habana, CMW, noted on for first time since last fall. Sig bombing in like a local yokel. IDs as R. Rebelde - Cadena Nacional 4/21 0500. (Townshend)
- 595 ST. KITTS, Basseterre, 0930 3/11 loud het, poor voice. Loops SE. TTs ended 0930, then singing & man talking - in EE? At same time only a faint het hrd on usually stronger 555 & none at all on 545. (Poda, OH) (545 has been off the air for some time now. bp)
- 630 CUBA, Santa Clara, CMHQ, 0735-0740 4/14 SS nx w/YL //640/720 u/WMAL. (Wolfish, ON)
- 640 CUBA, Habana, CM, 0600 3/4 apparently not on air, same for 670 also. But Cubans on 600/630/690/720 & possibly 870 as I hrd the ringing bells ID at 0800. Only thing hrd on 640 was a poor KFI & a faint low het. (Poda, OH)
- 660 NICARAGUA, Managua, YNAM, 0823 4/24, "R. Mi Preferida" ID after long version of "Don't Let Me Be Misunderstood". Nil-fair sig, PFM 659927, 1 Hz error; fast SAH also present. (Bee Patch, Halsey)
- 720 CUBA, Colón, CMGN, loud w/piano mx atop YVOE's fast LA vocals 0143 4/23. (Connelly, MA)
- 730 CUBA, Holguín, CMKJ, w/piano mx //720; fair & alone on channel 0144 4/23. (Connelly, MA)
- 730 GUATEMALA, Guatemala, TGN, R. Cultural 0744-0829 4/14 light mx like "windy" very little talk in SS off at 0829 after talk by YL. Poor u/XEX. (Wolfish, OH)
- 730 MEXICO, México, XEX, 0802 4/14 ID into a paid political anmt. (Wolfish, ON)
- t +0330 3/13 SS loop SW. Man talking - mentioned "Tampico" & possibly "Mexico". (Poda, OH)
- 748 ? CUBA, City unknown, 0325 3/13 fair volume, SS, looped SE. Loud het on low side of WSB. Mx & then man & woman talking. Later, at 0445 was fair - big band songs in EE, "Sentimental Journey". Man in SS o/re-cord & at 0455 bells & "R. Liberación, Habana, Cuba." (Poda, OH)
- 750 VENEZUELA, Caracas, YVKS, fair w/ads for nightclubs in Caracas, then R. Caracas ID o/low het 0148 4/23. (Connelly, MA)

- 840 MEXICO, Celava, Gto., XERG, 4/16 7204 must be the one w/SS mx & possible "R. Juventud" ID. (Korinek)
- 880 CUBA, Pinar del Río, CMAF, note o/KEVN 4/30 0500-0510 w/beautiful mx. (Harms, WA)
- 1020 VENEZUELA, La Asunción, YVRS, R. Margarita, 0605 3/13 man in excited voice gives R. Margarita ID & then into mx. (Poda, OH)
- 1025 ? COLOMBIA(?), 0712 3/13 poor & fadey SS. "R. ? Grande" ID. Colombia also mentioned. (Poda, OH)
- 1030 MEXICO, México, XEOR, R. Centro, about 0600 3/13 man in SS w/R. Centro ID & whistle, then into light mx.
- 1125 a COSTA RICA, San José, TISRHB, 4/17 0608 probable source of strong carrier, het & all. (Korinek, CA)
- 1140 ? UNID, 4/17 0803 unid SS mx u/KRAK OC. Loop bearing 97 degrees. (Korinek, CA) (WGBA in Miami loops about 94° from your location & is SS, dunno if they're AN WMs. XEHR in Monterrey is hrd here 10°s once in a while but they loop a bit farther south. bp)
- 1180 t CUBA, 0800 2/26, time ticks & man in SS every few seconds. Poor volume. (Poda, OH)
- 1200 VENEZUELA, Caracas, YVOZ, 4/17 0758 in xint w/typical brassy type mx. WAOI off. (Korinek, CA)
- 1265 ST. KITTS, Basseterre, R. Paradise, about 0300 3/13 poor. rlg's singing. Man read reception rpt from Manitoba, Canada. (Poda, OH) (Anyone we know? bp)
- 1420 t MEXICO, Cd. Juárez, XEF, SS mx & talk noted u/mx biggest non-local past KJJ 5/1 0715. (Harms, WA)
- 1540 BAHAMAS, Nassau, ZNSI, BC of the closing ceremonies of the Silver Jubilee Regatta. Fair o/WPTR 4/23 0130. (Townshend, BC)
- 1550 COLOMBIA, Bogotá, HJZI, R. Fantasia, 0719-0728 4/14 LA ballads, talk, IDs until 0728 fadeout. Poor-very poor u/WOKJ. (Wolfish, ON)
- 1555 CAYMAN ISLANDS, Georgetown, R. Cayman, fair, battling 1554 African het; w/"I Did It My Way" pop vocal 0029 4/25. (Connelly, MA)
- 1560 CUBA, Cárdenas, CMGB, R. Reloj Nacional, usual "SS version of WWV" 0732-0734 4/14. Fair. (Wolfish, ON)
- 1570 MEXICO, Cd. Acuña, XERF, 0713-0716 4/14 EE rlg's pgm giving address in Louisiana. Poor, CKIM off. (Wolfish)
- 1580 MEXICO, Hermosillo, XEIM, 0712 4/14 SS version of Peter Frampton mx, poor. (Wolfish, ON)

PACIFIC DX ROUNDUP

- 530 AUSTRALIA, Kempsey, 2KM, fair 1008 4/20 w/rr mx, spot for garage in Kempsey; becoming a regular lately. (Tomer)
- 540 AUSTRALIA, Longreach, 4QL, weak-fair w/reigion, "ABC Radio" ID 1245 4/22. (Tomer, CA)
- 620 HAWAII, Hilo, KIPA, fair w/slow ID 0735 4/20, then faded u/KTAR. (Tomer, CA)
- 660 AUSTRALIA, Byrock, 2BY, fair sig 1248 4/22 w/choir mx //700. (Tomer, CA)
- 660 NEW ZEALAND, Wellington, 2YC, weak w/National pgm ID 1158 4/20, //880 but weaker. (Tomer, CA)
+Booming in 1010 4/24 w/usual orch mx. Little fading, great readability. // on 880 was much weaker, however. (Hall-Patch, BC)
- 700 AUSTRALIA, Grafton, 2NR, old reliable in w/xint sig 1040 4/20; had quiet piano mx. (Tomer, CA)
- 750 AUSTRALIA, Toowoomba, 4QS, weak w/quiet mx //700, hrd 1123 4/20. (Tomer, CA)
- 750 JAPAN, Sapporo, JOIB, fair w/YL talking in JJ 1243 4/21 //770. (Tomer, CA)
- 770 AUSTRALIA, Melbourne, 3LO, most likely the stn hrd o/u the JJ at 1250 4/22; had jazz mx & DU accented EE talk. (Tomer, CA)
- 780 JAPAN, Muroran, JOIU, weak w/JJ talk 1237 4/21. (Tomer)
- 780 NEW ZEALAND, Dunedin, 4YA, in w/xint hi-fi sig 1110 4/20, had narrated jazz pgm. (Tomer, CA)
- 820 AUSTRALIA, Glenn Innes, 2GL, weak w/choir mx //700 1250 4/22. (Tomer, CA)
- 830 HAWAII, Honolulu, KIKI, earliest ever fade-in 0440 4/22 w/the "Coyote Pgm" T-40. This was way before Honolulu LSS. Not dominant o/WCCO until 0553, then faded. (Tomer, CA)
- 840 AUSTRALIA, Rockhampton, 4RK, weak u/WHAS 1023 4/20 w/piano mx //700. (Tomer, CA)
- 855 ? UNID, weak carrier 1243 4/21, maybe the Indo. (Tomer)
- 870 JAPAN, Kumamoto, JOGB, fair w/JJ talk 1243 4/21. (Tomer, CA)
- 880 NEW ZEALAND, Auckland, 1YC, xint 0735 4/20 w/quiet cl mx, accented EE talk. (Tomer, CA)
- 890 AUSTRALIA, Adelaide, 5AN, fair w/Mor vocals 1115 4/20; ABC "Mx in Brief" 1200, ABC R. One ID 1202.
- 890 JAPAN, Sendai, JOHK, fair u/5AN w/ballgame 1118 4/20. (Tomer, CA, last 2 items)
- 1000 NEW ZEALAND, Tauranga, 12D, hrd briefly w/fair sig 1032 4/24; had just started a BBC comedy. (Tomer)
- 1135 ? UNID, weak carrier 1309 4/21. Could be N. Korea,

or just about anybody. (Tomer, CA) (Could be you had Indonesia-113h. The N. Korean is apparently highly directional as they've never been hrd in the U.S. or Canada, even though they blast in in S. Korea & DU DX rs hear them w/good sigs. bp)

- 1196 ? UNID carrier, weak 1308 4/21, possibly the Filipino.
- 1205.5a UNID, carrier w/good strength causing a loud 500 Hz bet w/1206 at 1255 4/21, maybe DFRH, measured by Hardester to be 1205.498. This & 1206 often hrd lately after 1200 or so. (Tomer, CA, last 2 items)
- 1206 t INDONESIA, Denpasar, good carrier & 6-pip sequence noted 1300 4/21 w/some Indo-sounding talk. At 131h had just rx seemingly //RRI Denpasar 3945, but not 100% sure due to amateur QRM on 3545. No positive ID yet but this seems to be the strongest & most frequently hrd Indo at this QTH. (Tomer, CA) (If your Beverage antenna was any longer, you'd be dangerous. hi. bp)
- 1210 HAWAII, Honolulu, K700, weak 0800 4/20 w/ID, PSA's, then EE qgm, said to be on every Wednesday evening. (Tomer, CA)
- 121h+ ? UNID, weak-fair carrier, some Indo-sounding talk 1308 4/21. (Tomer, CA)
- 1475 SARAH, Suaran, RMKK, xint sig 1250 4/21, playing US pop mx. Almost equal to domestics in strength. (Tomer)
- 1525 t RFSFR, Khabarovsk(?), strong carrier 1248 4/21; some weak audio that seemed to be cl mx. (Tomer, CA)
- 1555 t PHILIPPINES, Cebu City, DYLA, very weak w/YL talking in unid language 1303 4/21. (Tomer, CA)

DOMESTIC (fill in the blank) ROUNDUP

- 1330 IL, Evanston, WEAW, noted w/SS just before s/off 2330 4/24. (Townshend, DC)
- 1390 VA, Arlington, WEAH, is now carrying SS programming nightly 0300-1000. Has been since 4/23 when SSer WFAN-1340 was ordered off the air. (Townshend, DC)

CONDITIONS

*Local newspapers carried an account of "what may have been the largest solar flare in 25 years" on 4/28. The flare began at 1308 & lasted about 3 hrs. No DXing, other than some casual tuning around the evening of 4/28, was done that weekend so I have no idea if there was any effect on CGB cx. Cx 4/28 seemed close to normal for this time of year (i.e. rotten, hi). (bp)

*Conditions: 17 april - flutter on domestics, band good for IAs. 23 April - weakened domestics from Great Lakes area on low band; in on apparent low-R-layer skip: steady & usually dominant but 20 db weaker than normal. IAs weaker than during a really "good" domestic-eliminating aurora. TA activity negligible, even 1h03 hard to find. 25 April - band cx poor except for a high-end African opening 0000-0030. (Connelly)

CONTRIBUTORS

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FRG-7

This week's column is a bit more manageable than last time. At least this time I'm done by 2300 on Thursday night instead of 0200 on Saturday, hi. My car has now been fixed...unfortunately the old bumper had to be replaced & the WLS bumper sticker went w/it, so I'll have to find something else to display on the back of the car (something exotic like one from a DU stn or a European pirate might raise some eyebrows, hi). The Hawaiian trip is set for 8 days beginning May 16. I'm hoping to sneak in a visit to Alan Roycroft's facilities. My wife is looking forward to seeing the trained Penguins at Sea Life Park (Penguins in Hawaii?!?!). It should be a terrific trip. Hope to see a lot of you at the convention in August. I've already got a good-sized pile of junk for the auction, including a set of walkie-talkies, a radio or two, magazines, books, and lotsa other neat junk. 73 til next month. bp

Many questions have been raised recently in both DX Monitor and DX News regarding the beacons at both ends of the broadcast band. With this article, I will attempt to answer some of these questions, and shed some light on a fascinating aspect of Broadcast Band DXing. These beacons are located in the frequency range from 100 to 1750 kHz. Most of these stations use powers between 50 and 1000 watts, and use a very short (electrically) vertical radiator. This provides a very high radiation angle, thus making them fairly good DX prospects. For editorial purposes we will concern ourselves only with those beacons located between 510 and 1630 kHz. There are basically three types of beacons located in this band: Marine Beacons, Aeronautical Beacons, and dual purpose beacons. Each category of beacon will be dealt with separately.

Marine Beacons-These beacons are generally a part of the maritime mobile service, and are located in or near a major seaport, or along the major shipping lanes. These beacons provide a navigation reference for homing and direction finding for ships, in addition to providing scheduled weather broadcasts. Some stations are also used as regular "working" stations for normal ship-shore traffic. The calling frequency to access these stations is 500 kHz, the international distress frequency.

Aeronautical Beacons-These beacons are a part of the aeronautical mobile service, or the government radio position service, depending upon their intended use. They are generally owned by the governments of the countries in which they are located, however, most were installed by the airlines which serve these areas. The actual operation and maintenance of these beacons varies from country to country. These stations usually broadcast a continuous carrier, with morse code (tone modulated) identifiers sent repeatedly. In operation, an airplane will tune in to a particular beacon, and be able to determine his relative position with respect to the beacon, and also his relative bearing to the station. Using two or more beacons will allow the pilot to triangulate his exact position. The beacons in and around the broadcast band comprise less than 1% of the total number of non-directional beacons. Most are located between 100 and 400 kHz. Low frequency beacons are becoming a thing of the past, as more use is made of VHF navigation aids such as VOR, TACAN, ILS and other sophisticated methods of navigation and radio positioning. The reason for this is very easy to see, when one considers the problems of ambiguity (the characteristic of being able to see the same station at two points, 180 degrees apart), lack of directivity, inaccuracy, and complexity of the low frequency ADF system. The newer VOR and TACAN presents an exact course from the station to the airplane on one of 360 specified radials. This is done without a loop, or other form of directional antenna. Thus, the slow death of low frequency beacons. Low frequency beacons still find wide use in smaller private aircraft based in rural areas. Many terminal control areas now require that all aircraft be equipped with VHF navigation aids.

Dual Purpose Beacons-This grouping is a catch-all of a smaller number of stations which perform more than one function in life. Sort of like moon-lighting at the local gas station. One example of this is SOT, 764 in Sottens, Switzerland, which operates as a beacon when it is not being used as a standard broadcast station. Other examples are WXL 1385 Canton Island, and AFRS 1475 Diego Garcia. Because of their isolated locations, and the limited amount of air traffic, these regular broadcast stations serve double duty as aerobeacons, as well as providing a ground-air link with approaching aircraft. Other dual purpose stations may, and probably do exist on an unofficial basis, but I am unaware of them.

The future of beacons located in the band 1600 to 1800 kHz is in doubt. The upcoming World Administrative Radio Conference (WARC-79) will probably phase out beacons in this range, in favor of extending the standard broadcast band. The future of the beacons below the broadcast band is somewhat more secure, as the lower frequencies are more heavily used than the "graveyard" above the broadcast band. It would seem then, that now is the time to go out and get your beacons, before they turn into VHF units and become DX candidates for WTFDAers, or they extend the broadcast band and beacons become another topic for oldtimers.

Verifying beacons can be rewarding, challenging, and frustrating all at the same time. Addresses for these stations are hard to find, and many times the people you are dealing with have no idea at all what DXing is. Your best bet is to write to the airport in the town where the beacon is located, and ask them to forward your letter to the right

place. Konstantine Rychalsky was kind enough to duplicate his veries from RAB and NB. These have been reproduce here in full, for I feel they contain some valuable information, in addition to the fact that very few DXers have seen veries from these critters.

Tuning in beacons is no harder than any other DX station. All that is required is a receiver with slightly greater coverage than just he broadcast band, a fair sized longwire, and your handy beacon list. If your receiver won't tune to either the high or low end of the band, it is a very simple matter to readjust the oscillator trimmer capacitor in your radio to raise or lower the frequency. The RF and mixer (if equipped) capacitors should also be retouched for maximum gain after the oscillator trimmer has been adjusted. A good longwire, or amplified loop should pull in enough signal for good results. An unamplified loop, however just won't do the job. And if you have room, a beverage is just what you need. Any of the beacons that use A2 or AO/A2 emission (tone modulated morse code) can be heard on a receiver without a BFO (beat frequency oscillator). However, any of the stations listed as A1 (carrier on/off keying for morse code) will require the use of a BFO or external oscillator tuned slightly above or below the beacon frequency, so that the resulting heterodyne will allow you to hear the code. These stations all transmit very slow code, about 5 WPM, so that anyone can eventually decipher the call. I have included a chart showing the Morse Code.

References: IFR Supplement-US-Defense Mapping Agency Aerospace Center, St. Louis Air Force Station, MO 63118

Enroute Sup.-Caribbean & South America-Defense Mapping Agency

Enroute Sup.-Europ, North Africa & Middle East-Defense Mapping Agency

Enroute Sup.-Pacific, Australasia & Antarctica-Defense Mapping Agency

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THE OFFICIAL 1978 BEACON LIST - DON DAVIS

| 1. FREQ | 2. CALL | 3. LOCATION | 4. POWER/RANGE | 5. Emiss | 6. REMARKS |
|---------|---------|------------------------|----------------|----------|--|
| 510 | #FJY4 | NEW AMSTERDAM IS. | -- | A3 | WX BC IN EE & FF @ 1015Z |
| | HO | COLMAR/HOUSAN, FRANCE | 25NM | A1 | PROTECTED FROM QRM NIGHTS ONLY |
| | PD | HSIN-CHU, TAIWAN | H | AO/A2 | (W) |
| | SN | ST-YAN, FRANCE | 25NM | A1 | ON TEST |
| | ST | ST TRUIDEN, BELGIUM | -- | A1 | (W) |
| 512 | #LPD | BUENOS AIRES, ARGENT. | -- | A3 | WX BC IN SS @ 0130Z IN EE @ 0148Z |
| 513 | ME | ANNECY/MEYTHET, FRANCE | 25NM | A1 | |
| 514 | THN | THORN, NETHERLANDS | 25NM | AO/A2 | |
| 515 | ETM | ETIMESGUT, TURKEY | 50NM | A2 | |
| | LX1 | LUXEIL/ST SAUVEUR, FR | 80NM | A1 | |
| | #ZLB | AWARUA, NEW-ZEALAND | -- | A3 | 24 HR WORKING FREQ/ CALL FREQ-500 KC |
| 516 | ZR | BEZIERS/VIAS, FRANCE | 15NM | A1 | |
| | *YWA | PETAWAWA, ON, CANADA | H | AO/A2 | (W) LOCATED IN PEMBROKE |
| | #9VG | SINGAPORE | -- | A3 | WX BC @ 1320Z |
| 518 | CRL | CREIL, FRANCE | 80NM | A1 | 0715-1630Z M-F OT O/R |
| | #DZO | MANILA, PHILLIPINES | -- | A3 | WX BC @ 1030Z |
| | MC | MC MURDO SOUND, ANT. | H | | (W) |
| | TS | TOULOUSE/BLAGNAC, FR | 25NM | AO/A2 | |
| | #3DP | SUVA, FIJI ISLANDS | -- | A3 | WX BC @ 0830Z HOURLY @ :18 (W) OP FOR 30 MIN @ 6, 9, 12, 18, 23Z |
| 519 | ALB | ALBORAN, SPAIN | -- | A1 | WX BC IN 11 & EE @ 0050 20650Z |
| | #IAR | ROME ITALY | -- | A3 | WX BC @ 0840 & 2040Z |
| | #OFB | HELSINKI, FINLAND | -- | A3 | LOCATED AT BRUSSELS INT'L AIRPORT |
| 520 | ONB | BRUSSELS, BELGIUM | 50NM | AO/A2 | |
| 521 | AN | AVIGNON, FRANCE | 10NM | A1 | |
| 522 | AG | AGEN/LA GARENNE, FR | 25NM | A1 + LOM | |
| 522.5 | #ZBP | PITCAIRN ISLANDS | -- | A3 | 0130-0200Z & 1730-1800Z OT O/R |
| 525 | KR | HODEIDA, YEMEN | -- | AO/A2 | (W) SR-SS LOCATED IN HUDAYDAH (W) |
| 526 | KU | CHIYAI, TAIWAN | H | AO/A2 | |
| | *UUP | UPLANDS, ONT, CANADA | H | AO/A2 | OFF 13-17Z MON SERVES OTTAWA INT'L |
| 527.5 | #VPS | HONG KONG | | A3 | WX BC @ 0818 & 1318Z |
| 530 | *NB | HABOB, ONT, CANADA | H | A3 | SERVES NORTH BAY AERODROME |
| 544 | *YCH | CHATHAM, NB, CANADA | H | A3 | |
| | EVX | EVREUX/FAUVILLE, FR | 40NM | A1 | |
| | LIC | LICHFIELD, ENGLAND | 100NM | AO/A2 | |

| | | | | | |
|------|------|--------------------------|-------|-------|--|
| 562 | ING | ST INGLEVERT, FRANCE | 50NM | A1 | |
| | LMG | LIMOGES/BELLEGRARDE, FR | 50NM | A1 | |
| 580 | MBR | MENDE/BRENOUX, FRANCE | 25NM | A1 | |
| 602 | FXR | ST DENIS/GILLOT, REUNION | -- | A1 | 1830-0230Z M-F OP OT W/OUT CODE AS BROADCAST STATION |
| 634 | LAM | LAMBOURNE, ENGLAND | 50NM | AO/A2 | |
| 670 | DCS | DEAN CROSS, ENGLAND | 30NM | AO/A2 | |
| | STN | STORNOWAY, SCOTLAND | 60NM | AO/A2 | |
| 760 | J | ISMALIA, EGYPT | -- | | (W) SR-SS |
| 764 | SOT | SOTTENS, SWITZERLAND | 100KW | A2 | (W) OP AS NDB ONLY WHEN BC STATION OFF |
| 797 | CFD | CRANFIELD, ENGLAND | 20NM | AO/A2 | |
| 1385 | WXLE | CANTON ISLAND | 250W | A3 | USED AS A/G COMMUNICATIONS |
| 1475 | AFRS | DIEGO GARCIA ISLANDS | 250W | A3 | USED AS NDB |
| 1580 | AGR | AGRIION, GREECE | -- | A1 | (W) SR-SS OT O/R |
| | KOZ | KOZANI, GREECE | 15NM | A1 | IRREGULAR, OP O/R |
| 1600 | NHG | PALMER STATION, ANT. | H | AO/A2 | (W) |
| 1602 | LGM | LEGUIZANO, COLUMBIA | 150NM | AO/A2 | 10-23Z |
| 1606 | SRE | SUCRE, BOLIVIA | 60NM | AO/A2 | 0930-2200Z @ LAJAS TAMBO AIRPORT |
| 1610 | TDA | TRINIDAD, COLUMBIA | 150NM | AO/A2 | 1000-2400Z |
| 1613 | *RAB | RABINAL, GUATEMALA | 1000W | AO/A2 | (W) |
| 1615 | MIL | QUINCEMAL, PERU | 80W | AO/A2 | (W) 1100-2400Z |
| | OR | OHURA, NEW ZEALAND | 60NM | A2 | (W) |
| 1620 | CEP | CONCEPCION, BOLIVIA | 100NM | AO/A2 | (W) |
| 1623 | FAM | FAZENDA AMALIA, BRAZIL | 37W | AO/A2 | (W) O/R |
| | HUM | HUMAITA, BRAZIL | 25W | AO/A2 | NO SPECIFIC HRS |
| | PTT | PTO. TROMBETAS, BRAZIL | 250W | AO/A2 | |
| 1625 | TIXX | EL COCO, COSTA RICA | 50W | AO/A2 | (W) ON TEST |
| | *ZUI | ASCAZUBI, ECUADOR | 50NM | AO/A2 | (W) |

EXPLANATION OF ABBREVIATIONS USED IN LIST

- ALL FREQUENCIES USED ARE IN KHZ.
- CALL LETTERS SHOWN ARE THOSE USED IN THEIR MORSE CODE IDENTIFICATION. AN ASTERISK (*) PRECEDING THE CALL LETTERS INDICATES THAT THE STATION IN QUESTION SHOULD BE A FAIRLY EASY CATCH IN NORTH AMERICA. A # BEFORE THE CALL LETTERS INDICATES STATION IS OTHER THAN NDB.
- LOCATIONS GIVEN ARE TO THE BEST OF MY KNOWLEDGE THE NAME OF THE CITY IN WHICH THEY ARE LOCATED. IN SOME INSTANCES, HOWEVER, THE NAME MAY REFER TO THE NAME OF THE AVIATION FACILITY BEING SERVED.
- THE POWER RANGE IS AS LISTED IN THE IFR SUPPLEMENTS. NM INDICATES THE RELIABLE RANGE IN NAUTICAL MILES. A NAUTICAL MILE IS SLIGHTLY LONGER THAN A STATUTE MILE. THIS RANGE IS ONLY INCLUDED FOR YOUR AMUSEMENT, AND HAS NO BEARING ON HOW FAR THE STATION MIGHT BE HEARD. WHEN AVAILABLE, THE POWER IS LISTED WITH W FOR WATTS, AND KW FOR KILOWATTS.
- THE TYPE OF EMISSION IS SHOWN USING THE STANDARD ALPHANUMERICAL DESIGNATION. SOME FORMATS ARE UNKNOWN TO ME.
AO=AN UNMODULATED CARRIER WAVE
A1=CARRIER WAVE SWITCHED ON & OFF FOR MORSE CODE TELEGRAPHY
A2=CARRIER MODULATED WITH MORSE CODE CONSISTING OF AN AUDIO TONE
A3=VOICE COMMUNICATIONS USING AMPLITUDE MODULATION
AO/A2=CONTINUOUS CARRIER, MODULATED PERIODICALLY BY MORSE CODE USING A TONE
- OPERATING HOURS WHERE KNOWN ARE LISTED IN THE REMARKS COLUMN. ALL TIMES ARE IN ZULU (GMT).
(W)=NO AUDIO (A3) AVAILABLE FOR COMMUNICATIONS WITH AIRCRAFT
H =POWER ISN'T KNOWN, BUT IS IN THE RANGE 50-2000W
OT=OTHER TIMES
OR=ON REQUEST
OP=OPERATE OR OPERATES
AG=AIR / GROUND
NDB=NON DIRECTIONAL BEACON
LOM=COMPASS LOCATER SYSTEM(LOCATED AT OUTER MARKER OF ILS SYSTEM)
ON TEST=THIS USUALLY INDICATES THAT THE BEACON IS IN OPERATION, BUT IS BEING VERIFIED PRIOR TO USE AS A NAVIGATIONAL AID

MORSE CODE CHART

| | | | | | |
|---|-------|---|------|---|-------|
| A | ..- | M | -- | Y | --- |
| B | ---. | N | .. | Z | ---- |
| C | ---- | O | --- | 1 | ----- |
| D | ---- | P | ---- | 2 | ----- |
| E | | Q | ---- | 3 | ----- |
| F | | R | ---- | 4 | ----- |
| G | ---- | S | | 5 | ----- |
| H | | T | -- | 6 | ----- |
| I | .. | U | --- | 7 | ----- |
| J | ---- | V | ---- | 8 | ----- |
| K | ---- | W | --- | 9 | ----- |
| L | | X | --- | 0 | ----- |



| | |
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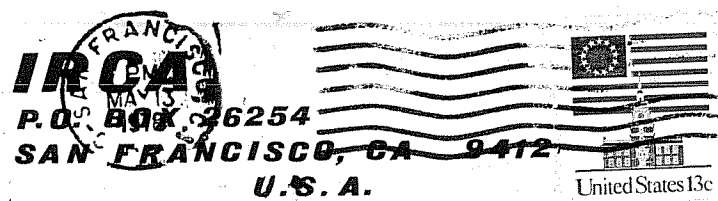
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