

DX MONITOR

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RADIO CLUB
OF AMERICA

DEVOTED EXCLUSIVELY TO BROADCAST BAND DXING

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Renewals & Address Changes to: Ralph Sanserino 11300 Magnolia #43 Riverside CA 92505.

Reprints: Steve Ratzlaff 295 Pettis Avenue Mountain View CA 94041.

Book Store: Phil Bytheway 9705 Mary Avenue Seattle WA 98117.

Convention: Here are some airlines that serve Monterey and there are shuttles from San Francisco Airport. The airlines are: United and United Express, Skywest/Delta connection, American Eagle, Stateswest/U.S. Air-express. You may find it cheaper to fly to San Jose and rent a car to drive to Monterey. Will have a map of the area around the hotel later. If I were doing it I would fly to San Francisco and take the shuttle to Monterey Airport and we will have someone pick you up at the airport.

CPC: Hello! I am J D Stephens, the new IRCA CPC Chairman and I am looking for those IRCA members who are interested in helping with the CPC effort for the 1991-1992 DX season. Right now the main concern is postage, so any donations are most welcome. Also, any members who have previous experience arranging test - I would like to hear from you if you want to help. Let's all work together to revive this important club function. 73 JD. **J D Stephens PO Box 605 Huftsville AL 35804.**

FCC: Madolyn Murry O'Hair has been granted a federal hearing in Washington DC, on the subject of the FCC. If she is successful at this hearing, all reading of the Gospel on the air waves of America could stop. All Sunday sermons being broadcast on radio or television, will stop. Send me a SASE and I will send you a petition. Madolyn is also campaigning to remove all Christmas programs, Christmas songs and Christmas carols from public schools. I dare not say more. Your Publisher.

DX Worldwide East: A note from Jim Hall notifying us of a change of address for DXWWE. **Jim R Hall 9839 Presidential Dr #103 Allison Park PA 15101-1841.** Send Jim some reports so you can help him christen the place.

Issue #33: Date at the top should read **July 20th** instead of the 25th. I just pushed the date back so as not to be late, Hi!

Odds & Ends: If you are going to send info to the publisher to be used in the bulletin please type info if you can and please use the following space dimensions on your 8 1/2 x 14 master, start with 7/8-1" at the top and 1/5/8-13/4 at the bottom, then 1/2-5/8 for both sides if you cannot understand this I will send you a master sheet as a guide. This would make things easier for me and speed things up. I will be going to weeklies soon and I can use the help. **Drake R8:** This radio has not impressed most people, I understand there is no digital noise on loop antennas, 73

BROADCASTING INFORMATION

EDITOR: ROBERT WIEN 1309 DENTWOOD DR SAN JOSE CA 95118

DEADLINES: 2nd & 4th Saturdays.

Compiled: 8/7/91

Much of this information was compiled from M Street Journal, DXM, and various other sources.

FORMAT CHANGES

AL.	Decatur	WAJF-1490	was silent, now urban "Hot Jams"
AK.	Juneau	KJNO-630	was Unis.-soft AC, now Unis.-AC
FL.	Fort Lauderdale	WFTL-1400	was talk, now talk //WPBR
	Jacksonville	WPDQ-690	was talk, adds SUN-talk
GA.	New Port Richey	WFSO-1500	was talk, adds SUN-talk
	North Fort Myers	WRXK-770	was silent, now WWCN, Unis. CNN-news
	Sarasota	WTMY-1280	was WSGX, rel., now BRN
	winter Haven	WSIR-1490	was EZL, now SMN-AC
GA.	Garden City	WNMT-1520	was C&W, now silent
	Douglas	WDMG-860	was CHR // FM, adds SMN-CHR // FM
IN.	Reyston	WBIC-810	was AC // WPUP, now AC
KY.	Terre Haute	WYTL-1300	was CHR // FM, now silent
KY.	Paintsville	WSIP-1490	was nx/talk, now C&W //FM
MD.	Lexington Park	WPTX-920	was AC, adds talk after 9:30AM
MA.	Needham	WLVG-740	was gospel, now silent
	Orange	WCAT-700	was oldies, now SUN-talk
MI.	Kentwood	WMAX-1480	was rel., now Unis. CNN-headline nx
MN.	Austin	KQAQ-970	was AC, now only on air Sun. 7AM-2PM
	Fergus Falls	KJJK-1090	was AS, adds Unis. stand.
	Minneapolis	WDGY-1130	was talk/sports, now KFAN, all-sports
MO.	Stillwater	WTCN-1220	was AS, now silent
	Greenwood	KPBI-1510	was KYOG, silent, now Unis. -CNN headline nx
	Joplin	KWAS-1230	was Unis. oldies, now Unis. standards
MS.	Grenada	WYKC-1400	was C&W/urban, now SMN-urban AC
MT.	Anaconda	KANA-580	was silent, now C&W //FM
	Bozeman	KUUB-1450	was oldies, now KMMS, AS
NM.	Albuquerque	KDEF-1150	was AS, now all sports
NY.	Fredonia	WBUZ-1570	was AC, now silent
	Cornwall-on-Hudson	WARW-1170	was nx/talk, now silent
NC.	Rocky Mount	WEED-1390	was AC, adds SUN-talk
ND.	Lisbon	KQLX-890	was C&W // FM, adds SUN-C&W
OR.	Baker	KBKR-1490	was C&W, now oldies //KLBM
	Coos Bay	KHSN-1230	was AC, now SMN standarus
	Portland	KGW-620	was nx/talk, now AC/jazz // KINK-FM
SC.	La Grande	KLBM-1450	was C&W, now oldies
	Abbeville	WABV-1590	was urban, now silent

TN.	Humboldt Kingsport	WIRJ-740 WKIN-1320	was nx/talk, new C&W was C&W, now nx/talk // WJCW
	Memphis	WHBQ-560	was C&W, adds modern rock nights
	Oklahoma	WDFZ-740	was SMN-oldies, now SMN- standards
TX.	Cleveland	KLEV-1410	was SMN-C&W, now SMN- pure oldies
UT.	Brigham City	KNKK-800	was C&W, adds SMN-Kool oldies
WY.	Evanston	KEVA-1240	was SMN-AC, now SMN-pure oldies

NEW STATION APPLICATIONS

(NONE)

NEW STATION GRANTS

OR.	Eugene	860 khz.	210/210 DA-2
	Junction City	650 khz.	10000/1000 DA-2
	Troutdale	860 khz.	20000/500 DA-2

CONSTRUCTION PERMIT ACTIVITY

(NONE)

FACILITY AND PARAMETER APPLICATIONS

AZ. Black Canyon City KUET-710 add 4100 w. nights

FACILITY AND PARAMETER GRANTS

FL. Port Orange WART-1020 modify CP to 400 w.
non-directional

CALL LETTER CHANGES

AL.	Mobile	was WMMI-1410, now WLVV
AZ.	Cave Creek	new CP-1100 granted KCCF
AR.	Greenwood	was KVOG-1510, now KPBJ
CA.	Bakersfield	was KBAD-1350, now KBID (requested)
	Orange	was KSPT-830 (CP), now KPLS
	Santa Barbara	was KESP-1290, requests KKSB
	Santa Paula	was KZTR-1400, now KKZZ
FL.	Sarasota	was WSGX-1280, now WTMV
	North Fort Myers	was WRXK-770, now WWCN
GA.	Buford	was WLKQ-1460, now WXEM
IL.	Chicago	was WPNT-820, requests WXJZ
MI.	Kalkaska	was WKLT-1420, now WKAL
MN.	Litchfield	was KQIV-1410, requests KLMO
	Minneapolis	was WDGY-1130, now KFAN
MT.	Bozeman	was KUUB-1450, now KMMS
NV.	Laughlin	was KROL-870, requests KOWA
AZ.	Prescott	was KLKY-1130, now KWDS
SC.	Lake City	was WJOT-1260, requests WVLC
	Ridgeland	was WCOG-1430, requests WNFO
TX.	Sherman	was KTYO-1500, now KJIM
WI.	Racine	was WBZN-1460, now WKKV
ON.	Timmins	was CFCL-620, now CKOY
PQ.	Valleyfield	was CPLV-1370, now CKOD

One addendum to add: CJRS-1510 Sherbrooke, PQ. was talk, now silent, and also, WXRT-820 Chicago, IL. did not use WPNT calls but instead now requests WXJZ as mentioned above.

Billboard Magazine reports KGW-620 is dropping their 69-year old call letters in favor of KINK. Another 3-letter call down the drain...

DX WORLDWIDE II

New Editor: Bruce Portzer - 6546 19th Avenue N.E. - Seattle, WA 98115

Greetings. As mentioned in June's President's Report, I'm the new DX Worldwide II editor. I'm looking forward to the challenge and fun of putting the column together. After producing DX Monitor for 10 years, I just can't seem to get editing out of my blood, hi. In the months to come, I'll follow the basic format which has been used in the past, with a few additions. Station changes will continue to be the mainstay of DXWW 2, but I'll also include short articles and features related to foreign stations and DXing. I'll also include some shortwave material if it's connected with a medium wave station (such as parallel operation). I'm aiming for a monthly column, although this will depend somewhat on the amount of material I have on hand. In any case, I welcome your comments and contributions. If you come across any relevant information in foreign DX bulletins, magazines, etc., then by all means send it in. Here we go with our first listing.

WESTERN HEMISPHERE

ALASKA: KRSA-580 Petersburg is now 24 hrs on weekends (Fri-Sun nights), s/off Mon-Thur nights is midnight local time (0900 UTC) [KRSA Newsletter]. KABN-830 has been sold and may return to the air soon. KCSY-1140 has changed calls to KSLD [Arctic].

ANGUILLA: At 0500, Caribbean Beacon (1610 Khz) announced parallel of 9785: this is via KVOH, Los Angeles, not direct from Anguilla. [World of Radio]

BAHAMAS: "ZLS" on 527 is a relatively new beacon at Stella Maria, widely heard in eastern North America. Pwr is 500 watts. QSL addr: Bahama Telecommunications Corp., PO Box N3048, Nassau. [LWCA]

COLOMBIA: Cadena Radial Autentica is new network consisting of HJKA-540, HJJM-660, HJNY-910, HJDA-1260, HJKX-1370, HJYW-1390, HJAP-1420, HJMI-1530: administrative offices are at Calle 13 Numero 26-45, Bogota.

HJKA-540 now R Autentica

HJPF-560 is 15kw

HJHG-580 now 100kw

HJJX-650 Antena 2 de RCN now 70kw

HJJM-660 now R Autentica

HJCU-730 now stereo

HJZW-780 sked 0900-0300 w/15kw Caracol net

HJSB-870 now Caracol

HJME-970 RCN Guajira, ex R Peninsula on 0900-0300 15kw

HJSY-1040 now R Mil Cuarenta (ex R Super) as of 3/8

HJLY-1060 R Delfin 0900-0300 15kw

HJGH-1120 Corazon AM ex-LV de Colombia

HJVA-1130 R K 11-30 ex R 24

HJPF-1150 ex-1130 now Todelar

HJSL-1150 ex1140

HJAU-1160 now 15kw

HJFF-1210 on 1000-0500

HJYL-1340 LV de los Heroes ex-HJVL 12kw belongs to Fuerzas Militares de Colombia, addr: Calle 16 o/Carrera 13, Belen, Caqueta

HJCA-1480 delete, left the air in 1987

HJLQ-1520 is R Minuto (not Minuto de Dios as in WRTH)

HJLI-1520 now Ecos del Palmar ex R Latina Bogota on 1100-0500

HJMI-1530 R Autentica ex R Ritmos

HJQZ-1580 now 1000-0400

HJRM-1580 now 5kw per ID

new 1590 R Nuestra Senora del Socorro in Socorro 1100-0200

[TRN/Arctic/WRTH-NL]

COSTA RICA: Adventist World Radio has bought the unused transmitters of Radio Impacto. Impacto's two 50 Kw medium wave transmitters are being rebuilt for shortwave. [SCDX]

CUBA: Arnie Coro, host of DXers Unlimited, has offered to help DXers with unanswered domestic QSL requests. Write him with a copy of your original report c/o Radio Havana, Box 6240, Habana, Cuba and he will try to channel it to the right person [World of Radio.via Arctic]. Changes/additions: Reloj-820 Contra maestre new, 1180 in Mayari Arriba is R Progreso not R Revolution. R Mambi-1280 ex la W-1030. R Enciclopedia-1320 in Santiago apparently off air. R Jaruco-1390 Jaruco new, unid R Progreso-794v noted in Florida [Arctic/WRTHNL].

DOMINICA: Voice of Life now 740. ex-1060. [Arctic]

DOMINICAN REP: HIDV-590 pwr 10/5kw, addr Aptdo Postal 55, La Vega [Arctic] R. Norte-720 (HIAQ) has been sold and no longer is relayed on 4800 Khz (4800 now relays local FM "N-103"). [SW Echo]

ECUADOR: HCMJ1-610 ex 615 [Arctic].

EL SALVADOR: YSAX-800 now 20kw [Arctic].

GUATEMALA: Address for TGW-640 is 18 Calle 6-72, Zona 1, Guatemala. pwr 11.5 kw. TGPY-1250 now 2.5 kw. [Arctic]

MEXICO: XETIN-540 "Radio 540". 5kw(?) in Tijuana new. XETC-880 Torreon. 10kw ex-1240. XEMZ-890 Culiacan "Energio 8-90" ex1570. XEEZ-970 Caborca "La Super Z" now 5 kw [Arctic]

MONTSERRAT: R. Antilles-930 is back on the air with 20 kw. [Karl Zuk]

PUERTO RICO: WYKO-880 Sabana Grande slogan is Radio 880, religious (Arctic). WXRf-1590, R Quince Noventa, now 0200 s/off. [TRN]

TRINIDAD: The government has issued 23 new radio & TV licenses and some of the new stations are expected to go on air this year [Arctic] (I suspect most of them will be FM, but there could be a couple new AMs.bp)

VENEZUELA: All Radio Mundial Net stations are now AN. Other changes:

- 600 YVQB R Sucre now s/off 0500
- 650 YVLH R Vision Maracay now 1000-0400 s/off
- 700 YVPQ R Sur now 24hr
- 790 YVKC R Venezuela, ex Radiodif Venez as of 5/1
- 880 YVYM R Mundial 880 now 24hr
- 950 YVKG R Vision 950 now Rumba 950
- 960 YV.. R Mundial Llanera in Acarigua testing since April, new
- 1060 YVOE R San Cristobal, San Cristobal, exYVDE, now AN Fri & Sat nights
- 1070 YVPX R El Sol, La Fria, 10 kw, 1000-0300 (sometimes 0230 s/off), then relays Ecos del Torbes or R San Cristobal until 0400.
- 1170 YVQV R Acarigua, Acarigua s/off 0500 Fri & Sat nights
- 1180 YVOR R Maturin, Maturin s/off 0500 Fri & Sat nights
- 1183 YVLQ LV de Victoria is here, nom 1180
- 1390 YVZC R Selecta has plans to move to 850 with 20kw
- 1470 YVSY R Vibracion, alternate slogan "Vibracion 147-0", 0900-0400.
- 1510 Unid R LV del Centro, Valencia area, new station testing 0300-0330 hrd 4/19 on 1506 Khz, other dates on 1504 1508
- 1520 YVND R Bonita ex YVIC
- 1580 YVYO R Occidental, Santa Rita, now 24 hr
- 1590 YV.. R Deportales, Caracas new, testing since 6/1, 10 kw [TRN/Arctic/WRTH-NL]

TRANS-PACIFIC

AUSTRALIA: The ABC has new calls for Radio National stations: 2FC-576 now 2RN, 3AR-621 now 3RN, 4QG-792 now 4RN, 5CL-729 now 5RN, 6WN-810 now 6RN, 7ZL-585 is now 7RN. 2RPH has moved from 1629 to 1539: a Shortwave News pm is run at 0830 UTC Sat. [SW Echo]. 2WN-1431 has moved to FM, freq is now occupied by R National. 3AW-1287/3XY-1422 xr site has been sold. 3XY now using temporary site & reduced power of 2kw. 3AW moved earlier this year, shares site with 3AK & is now 5kw directional. 3AK still on 1503 but will be doing "spasmodic testing" on 1116 in near future for freq change. 4IP-1008 has been sold to horse racing operators and will join 3UZ. 6PR & 5AA in being used exclusively for sport-racing. Talks are being held to either drop 4BC's contract for racing broadcasts or to have 4BC carry the races until 10/92; 4IP will continue with music format until then. [DXA]

CHINA: Radio Beijing now running English 1200-1400 on 1341. [Karl Zuk]

HONG KONG: Metropolitan Broadcasting beat out three competitors for a permit to establish a fourth station here. MBC will establish AM & FM stations in late 1991, no freqs given. [ABP]

INDIA: India Broadcasting Database '91 is a 25-page listing on Indian radio and TV. It includes general information, MW listings, SW listings (regional & central), VHF/FM, external services, future plans, and graphical charts showing frequency schedules, including transmitter, power and language. Also available on 5.25" diskette in WordStar 4.4 format. Price for both printout and diskette versions is US \$10.00 payable by International Money Order/Bank Drafts (no checks) to Kanwarjit Sandhu; or 25 IRCs. Registered airmail highly recommended for orders. Send your orders to Kanwarjit Sandhu, Universal DX League, 408 Krishna Nagar, Ludhiana-141 001, Punjab, India. Updates will be issued in May and October. [Universal DX League]

INDONESIA: RRI Bengkulu: On 1242/3265 2100-0100 0900-1700. Local News 2330 0030 0630 1030. City News 0530 0730. Inter-region News 1430. RRI Medan: Delete 819. RRI Padang: 1350 replaces 1179. [OZDX]

JAPAN: The NHK-1 (Daichi Hosoi) network is scheduled to begin 24 hour, 7 day per week operation on April 1, 1991. Meanwhile, NHK-1 has been operating 24 hours off and on since summer 1990. When 24 hours, NHK-1 runs English news at 1500 & other times. [Bill Harms]

KOREA (South): KBS handed direct control of the KBS Education Radio and KBS-3 TV networks over to the Ministry of Education on 12/27/70. At that time, only the KBS Education Radio frequencies and KBS-3 TV channels were involved. However, according to personnel from KBS-2 and the new Education Radio network (currently FM only), all KBS Radio Two frequencies (558, 576, 603, 639, 675, 936, 1008, 1224 Khz and 97.1 Mhz in Pusan) and the KBS Radio Seoul frequency (792 Khz) will be handed over to the Education Radio in October or November 1991. The new networks are now called Education Radio (Kyoyuk Radio) and Education Television. [Harms, S. Korea]

NEW ZEALAND: Program notes for the two main NZBC networks, via NZDXT: RNZ Community Net - stations generally have local programming and take the following network schedule: "New Zealand Tonight" 0600-1200. "Shell Allnighter" 1200-1700. "The Early Bird Show" 1700-1800. Some stations don't join at 0600, e.g. 1ZB 2ZB 3ZB 1ZH, others will stay local for sports coverage. Nx on hour, half-hourly during morning/afternoon drivetime, many of the stations plan to leave AM for FM.

National Network - 24-hour commercial network. Regional stations may leave the net to join the Concert Program. Stations often have local sports. Nx: 1200 1300 1400 1600 1700 1800 1830 1900 1930 2000 2030 2100 2200 2300 0000 0030 0100 0200 0300 0400 0500 0600 0800 0900 1000 1100. Regional nx: 1845 2005 0034 0630. Maori nx: 1841 0505. "Pacific Islands Magazine" M-F 0700-0730 w/nx in Samoa, Tongan, Cook Islands, Maori, Niuean, & Tokelauan with a 12 minute magazine in a different lang each day.

PHILIPPINES: VOA's relay station is only 8 miles from the Mt. Pinatubo volcano. Their microwave link was disrupted by the eruption and they are now using a phone line to connect the satellite downlink to the transmitter site. A skeleton crew is still at the site; they can be evacuated by helicopter if need be. [ANARC BBS]

TRANS-ATLANTIC

AUSTRIA: 585 & 1026 have been AN for some time. [Arctic]

FRANCE: France-Inter network now NSP (had Tues AM silent period). [Arctic]

GERMANY: According to an interview in the second FM radio network of the WDR Cologne, Bayern 5 (Bavaria 5) started operation 5/6/91 with all news format: news bulletins every 15 mins 0500-2300, also bulletins and commentary on sports, culture, politics, economics, etc. The "B 5" service will cover 50% of Bavaria on vhf-fm & all of Bavaria on medium wave (no freq given). Later this year they will also broadcast by satellite. The annual costs for "B 5" are estimated to be 10 Million Deutschmarks, roughly the cost for three major TV film productions, so the service is considered relatively cheap. Listeners are not expected to listen for hours and hours, but to switch in several times per day for approx. 15 mins. [SCDX]

All RMV MW stations (558 et al) left the air 5/1 as cost cutting measure. The service returned 5/28 on 576 from Schwerin w/20 kw: increase to 150kw is planned. NDR-792 on air since 7/15 5/2.5kw //828/972. Inquiries to EBU for 711 Khz at Leipzig & 1467 at Reichenbach, both 5 kw. [Arctic]

GUINEA: Radiodiffusion Nationale, Conakry, uses various IDs including Radio Conakry & Radio Guinea. Current sked is 0557-2400 in various languages on 4900 1404 1295 & FM. French news 0645-0655(M-Sa), 0750-0755(M-Sa), 0915-0930(Sun only), 1245-1300(M-Sa), 1615-1630, 1800-1805, 1845-1855, 1900-1905, 1945-2015, 2200-2240, 2350-2358. [SW Echo]

NETHERLANDS: 1008 no longer AN (Arctic)

SPAIN: Some frequency changes: 612 RNE Radio Uno. Vitoria. ex-585: 900 COPE Bilbao ex-1134: 1026 R Jerez SER ex-1584: 1215 COPE Santander ex-1124: 1305 Radio 5. Leon ex-1395: 1476 Radio 5. Socuellamos ex-1107. (Play-DX)

SWITZERLAND: 558 now AN with Italian pgm. (Arctic)

Sources are identified in brackets: APB: Asia-Pacific Broadcasting Magazine 1/91. Arctic: Arctic Radio Club. DXA:DX Australia. SCDX: Sweden Calling Dxers. TRN: The Radio News (Caracas). LWCA: Longwave Club of America. others as noted. All times UTC except as noted.

VOICE OF AMERICA MW SCHEDULE

The following is a recent schedule of medium wave transmissions for the Voice of America. This list is taken from a complete VOA schedule posted on the ANARC BBS recently. The schedule is effective 3/31-9/28. but I suspect sked after 9/28 will be similar. I've listed only the broadcasts which have some possibility of being heard in non-Arctic North America (i.e. I've left off Greece 1260/792. Bahrain-1350. Botswana-621. and broadcasts at times when MW signals would not propagate to North America).

<u>Freq</u>	<u>Location</u>	<u>Time(UTC)</u>	<u>Language</u>	<u>Parallels</u>
1143	Philippines	1100-1200	Mandarin	5955 11965 15410 17790 17890 21585
		1200-1230	English	6110 9760 11715 15155 15425
		1230-1330	Vietnamese	9620 11835 15250
		1330-1400	Mandarin	5955 11965 15410 17790 17890
		1400-1500	English	6110 9760 15160 15425
		1500-1600	Cantonese	6030
1180	Florida	0600-1200	R Marti	6030
		1200-1400	R Marti	9590
		1400-2300	R Marti	11930
		2300-0600	R Marti	9525
			(Radio Marti does not broadcast UTC Monday 0300-0930.)	
1197	Germany	0200-0300	Russian	6090 6160 7240 7270 9565
		0300-0330	Bulgarian	3980 6080 6125 7125 9605
		0330-0400	Slovene	3980 5995
		0400-0430	Czech	3980 6080 7295 9605 9615 11785
		0430-0530	Polish	6060 6160 7130
		0530-0800	English	none (Arctic says VOA to begin German at 0530 on 7/4)
		0800-0900	English	11740 15160 15195 21570 21615
		2000-2100	Polish	3980 11915 15235
		2100-2300	Polish	3980 6150 11915 15235
1530	Belize	0030-0100	English	1580 5995 9775 9815 11580 15205
		0100-0300	Spanish	1580 6190 9465 9670 9840 11895
				13740 15400
		0300-0400	Spanish	1580 9465 9670 9840 13740
		0400-0500	English	1580
1575	Thailand	1200-1230	Burmese	9505 11895 15250
		1230-1300	Lao	9610 11930 15125
		1300-1330	Lao	none
		1330-1500	Khmer	9575 11930 15285
		1600-1700	Bangla	9590 11880 15185
			(1575 also used by V of Free Asia at times. i.e. pre-1200 and 1500-1600)	
1580	Belize	0030-0100	English	1530 5995 9775 9815 11580 15205
		0100-0300	Spanish	1530 6190 9465 9670 9840 11895
				13740 15400
		0300-0400	Spanish	1530 9465 9670 9840 13740
		0400-0500	English	1530

MISCELLANEOUS

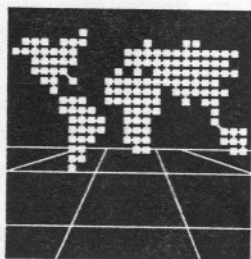
For those who monitor propagation reports from WWV or WWVH. the solar radio observatory responsible for measuring the 10.7 cm radio flux has moved from the Algonquin Radio Observatory (near Ottawa) to the Dominion Radio Astrophysical Observatory (DRAO) in Penticton, BC. As a result. the daily 10.7 cm solar flux measurements are now taken at 2000 UTC instead of 1700.

This has shifted the schedule for updates on WWV and WWVH. The new daily data on WWV and WWVH is now provided at 2118 UTC instead of 1818.

The 19th edition of the DSWCI Tropical Bands Survey is now available. In 24 pages, this lists all active broadcasting stations between 2 and 5.9 Mhz. Although geared for the Tropical Band DXer, some of the information is useful for foreign MW DXers, particularly where medium wave and tropical band stations operate in parallel. The Tropical Band Survey is available by airmail for 35 Danish kroner or 9 IRCs, or by surface post for 30 Danish kroner or 7 IRCs. The address is: DSWCI, c/o Bent Nielsen, Betty Nansens Alle 49, DK-2000 Fredriksberg, Denmark.

I was happy to see the information on the Drake R-8 in the June and July issues. From what I hear, it appears to be a very good receiver in terms of overload immunity. One story I heard was that it was tried out at a VOA transmitter site and needed at least three 250 kw transmitters fired up before it overloaded. Another was that in an area near some MW transmitters, it was absolutely quiet with the antenna disconnected, while an NRD 525 next to it still had several stations audible. I saw one at Jun's Electronics in Los Angeles a few weeks ago - from a distance it looked almost homemade (albeit by a very talented home constructor with a well equipped garage). I got the feeling the operation was somewhat idiosyncratic but couldn't put my finger on anything; Richard Eckman's comments in the July issue confirmed my suspicions. Overall, the radio looks like it should be a hot performer on EBC, once you get used to the way it operates. I'd certainly be interested in seeing more review of it.

That does it for this month. Have a good summer (what's left of it) and get ready for the DX season in September. 73. bp.



Fine Tuning
PROCEEDINGS 1991

Fine Tuning's *Proceedings 1991* is this year's information-packed collection of in-depth reviews, articles, and features for the SWBC DXer. This 4th edition, at nearly 200 pages, will be a valuable addition to your reference bookshelf. Some of the most experienced DXers in the hobby have contributed to this 1991 volume, and each article has been thoroughly examined for clarity and content by the *Proceedings* Review Panel. Included are reviews of receivers and accessories, features on various topics including antennas, propagation, and more. This is an essential guide for any DXer.

Proceedings 1991 is shipping now. The cost is \$19.50 plus \$2.00 postage (US funds on a US bank). Outside of North America, postal costs are \$3.00 surface book rate (3-4 months typical delivery time) or \$15.00 airmail. Make checks or money orders payable to Fine Tuning Special Publications and mail to: Fine Tuning Special Publications, c/o John Bryant, RRT #5 Box 14, Stillwater, OK 74074 USA. Special notice: Limited quantities of previous *Proceedings* editions are available (1988, 1989, 1990). Price and shipping costs same as above.

PAT MARTIN P.O. BOX 843 SEASIDE, OR 97138

DX Worldwide - West

DX is on the the rise again. I finaaly got my DU wire back the way it worked over 3 years ago. DUs are picking up. Hopefully they will stay that way. We have reports from Nick Hall-Patch and John Bryant from their DXpedition to Sombrio Beach. So on with reports:

TRANS-PACIFIC DX ROUNDUP

- 531 AUSTRALIA, West Kempsey-2MC-Noted 7/4 at 1100 to 1245 audio from 1122 peak at 1243 (40 min after LSR here, commercials and phone number, pop mx show. Good peaks. (JB)
+Also noted quite well with Pop mx at 1256 on 8/12. (PM-OR)
AUSTRALIA, Dalwallinu 6DL 1206 6/23, C&W mx. poor to fair but dominant on channel //6140. (NHP-BC)
- 540 AUSTRALIA, Longreach-4QL ABC nx at good to exc level, dominant on channel 1201 6/23. (NHP-BC)
+Also noted alone with ABC nx at 1301 8/12. (PM-OR)
- 549 AUSTRALIA, Orange-2CR-fair in splat from 550 ABC nx at 1302 on 8/12. (PM-OR)
- 612 AUSTRALIA, Brisbane-4QR //702 and 774 at 1200 7/6. (JB)
- 639 AUSTRALIA, Coffs Harbour-2CS-1204 fade at 1225, mx show, 2nd station mixing ment. of Melbourne, ABC station? 7/4 (JB)
- 648 AMERICAN SAMOA, Pago Pago-WVUV-good w/U.S. Pops and native ancr at 1312 on 8/12. (PM-OR)
- 702 AUSTRALIA, Sydney-2BL w/phone talk show 1120-1200+ on 7/4. (JB)
- 720 NEW ZEALAND, Invercargill-4YZ // with 1YA-756 nx at 1201, some KDWN QRM (behind), otherwise good on 8/12. (PM-OR)
- 756 NEW ZEALAND, Auckland-1YA- threshold from 1050-1200 7/4. (JB)
- 810 NEW ZEALAND, Dunedin-4YA good o/u KGO //720 8/12. (PM-OR)
- 830 HAWAII, Honolulu-KIKI-first tuned 7/5-exc. signal 1112-exc. signals with oldies. (JB)
- 864 HET, noted all three nights-primary opening was to SE Australia and was hoping for Tasmania-back to back rock songs. No IDs. (JB) (Sounds like the format at 7HO that used to be hrd alot. PM)
- 873 AUSTRALIA, Sudney-2GB News/Talk 87 IDs 1215-1220 7/6. (JB)
- 954 t AUSTRALIA, Sydney-2UE-1222 7/6-fair to poor male talk, then mx. (JB)
- 1017 TONGA, Radio Tonga--7/5 first noted audio at 0613, 1 hr after SS in Tonga built to over S9 at 1130 still S7 at 1220 s/off (late). (JB)
- 1026 NEW ZEALAND// with 1008 12N-12D-not // 9700 at 0930 though, fair to poor on 7/5. (JB)
- 1044 UNID NZ, 6/23 1128 woman talking, poor to fair //1035 and 1026 Thought 4ZB had moved to FM? (NHP) (Ithink they are still there as I thought I heard a weak signal there 8/12, //1035. PM)
- 1475 MALAYSIA, Tagalog program hrd 1125-1139 7/5. Great carrier, but very poor audio(mod)-carrier S/7 audio barely there. (JB)
- 1494 UNID, Carrier hrd 1153 7/5 and 1150 7/6 best on Asia wire-Malaysia on 1475 was in with good signal-philippines? 1584 and 1593 also had carriers-soon faded. (NHP-BC)
- 1575 AUSTRALIAAm Wollongong-200 1230 6/23 Fair to good w/spot ment. 2-double O-Also noted 1202 7/5 fair. What happened to the move to 1062? (NHP-BC)

THANKS TO THESE REPORTERS:

- JB- JOHN BRYANT AND GUY ATKINS DXING AT SOMBRIO BEACH, B.C.
Mod NRD-525, 2500' Term. at 260 degrees, 1000' at 280 degrees
Asia wire was unused most of the time.
- NHP-BC NICK HALL-PATCH-1538 AMPHION ST.-VICTORIA, B.C. V8R 4Z6
Sombrio Beach, homebrew rx ICF-2010-2,000' 270 degree and 1,000
305 degrees antennas.
- PM-OR YOUR EDITOR
SP-600JX-230 foot SW/NE antenna w/Groud system.



WESTERN DX ROUNDUP

Nancy Hardy
2301 Pacific Ave.
Aberdeen, WA 98520

WDXR deadlines: Saturday Aug. 31, Monday Sept. 16, then weekly on Mondays. Please use Eastern time.

REPORTERS FOR THIS ISSUE:

- (SMM) Steve Mittman-2248 West 37th St.-San Pedro, CA 90732
Realistic TRF #12-655
- (MR) Mike Riordan-P.O.Box 1195-Goleta, CA 93116
Panasonic RF-2200
- (MS) Mike Sanburn-P.O. Box 1256-Bellflower, CA 90707
- (RW) Robert Wien-1309 Dentwood Dr.-San Jose, CA 95118
GE Superadio, GE long-range portable, SM-2

OF SPECIAL INTEREST:

- 650 KRDX CA, Rancho Cordova 7/15 0500 call change ex-KMCE with usual good signal over CISL, with ID "This is KRCX Roseville-Sacramento, and KRDX Rancho Cordova, and all of northern California." (RW-CA)
- 1400 KKZZ CA, Santa Paula 7/13 call change to KKZZ from KZTR. simulcasting with KCAQ 104.7 FM (CHR format) in Oxnard, CA. Robert Wien tells me KKZZ will change to Unistar country format. (MR-CA)
- ?KKZZ?+7/8 0645 tent. with C&W in mess (Unistar //KBOZ-1090), thought I heard a "KK--" ID, but not sure. Could have been KKCB also, though I don't know their current format. This change was scheduled to occur per last week's Billboard magazine. (RW-CA) (Bill says KKCB already has Unistar country, so could be either one.--NH)
- *****
- 540 XETIN BCN, Tijuana 7/8 0808 good briefly over KPUP with partial ID "...esta es Radio cinco-cuarenta," mention of Tijuana at 0815. New. (RW-CA)
- 720 KSAH TX, Universal City 7/8 0525 fair, no trace of WGN with ad for car dealer in San Antonio, Spanish music, faded out rapidly. (RW-CA)
- 760 KSJL TX, San Antonio 6/17 0430 faded up over XEEB & KRZN with ID and Bon Jovi song. (MS-CA)
- 850 WHDH MA, Boston per announcement, this station is a new "Rush Limbaugh" affiliate. (SMM-CA)
- 950 KYGO CO, Denver 7/1 0457 in good with XEPB (?) during XEKAM SP. Interstate show, ID, Unistar news. (MS-CA)
- 1000 ?KTOK? OK, Oklahoma City 6/24 0800 ID "K--K," followed by network news, then quickly disappeared. (MS-CA)
- 1310 KIQQ CA, Barstow 6/30 1253 logged with good signal in tight XEC null. Simulcast of KVVQ-910. MOR music selections such as "Tennessee Waltz" and "The Impossible Dream." Top of the hour dual ID "Serving the High Desert, this is Stereo 910 KVVQ Hesperia and 1310 KIQQ Barstow," followed by AP Network news and Barstow weather at 1304. Ex-KIOT for me. (MS-CA)
- ?KIQQ?+7/15 0855-0915 tent. good in KDIA null with Mutual news and promo for next Dodgers game today (they're listed on new Dodgers network in new Almanac). Faded out after song "Volare." They simulcast KVVQ-910 apparently. (RW-CA)
- 1340 KVOY CA, Mojave 6/30 1246 concluding "F.Y.I." ID as "Eagle 103 FM." Now dominant days killing KIST. (MS-CA)
- 1400 KTUC AZ, Tucson 6/30 0030 on top with Angels baseball. (MS-CA)
- 1420 KMOG AZ, Payson 7/13 0013 faded up over XEXX, talking about local bridge. ID as "Rim Country." (MS-CA)

Via Steve Mittman and Tim Hall.
[Reprinted with permission of the S. D. Tribune.]
SAN DIEGO TRIBUNE
Thursday, July 18, 1991

Chula Vista finally gets new radio station on road with a voice of confidence

By Lillian E. Heffernan
Tribune Staff Writer

With the ceremonial flick of a switch, Chula Vista enjoyed its radio broadcast debut Tuesday as the council listened to a voice welcoming travelers to the city.

Although it's been in operation since May 17, equipment problems have kept Chula Vista's new short-range radio station, WNUB-AM, from booming its official message until recently. (WNUB568)

The radio station can be heard at 1610 on the AM dial from the Mexican border and throughout Chula Vista. It carries travelers' information regarding road conditions and warns motorists to watch for pedestrians crossing roads and highways near the border.

The station also will provide information on local attractions, special events and community activities. Information broadcast on the station will be coordinated through the Chula Vista Chamber of Commerce, but no commercial advertisements are allowed on the station.

"This is a momentous occasion," said Jim Biddle, chamber president, as he flicked a radio switch with Mayor Tim Nader. "Hopefully, people who are passing through our city will bear of some activity and decide to partake in our community."

"We hope we've added some small bit to the quality of Chula Vista."

The radio station has been three years in the making. From applying for a license from the Federal Communications Commission to getting the City Council to earmark \$9,000 for purchase and installation of the system and freeway signs totting the station, the chamber has been looking forward to the flexibility the station will provide.

"Public safety can have access to the radio station if there is an emergency," said Don Read, executive director of the chamber.

But the radio station also offers community groups a chance to give public service information. Read said.

"We're looking for the voices of Chula Vista." Read said. "People can submit their own cassette tapes. If they have activities that are open to the public, we'll work with them."

"Right now, the tape only has our voices. But we would like to get other voices. The station will be interesting to listen to."

The station, which is transmitted from the roof of the city fire station Fourth and Oxford streets, will broadcast 24 hours a day, seven days a week.

Once motorists travel outside Chula Vista they can pick up information about Balboa Park on the same radio station.

LOCAL CHANGES

- 690 XETRA BCN, Tijuana new "Larry King" affiliate. Carries live (2306) feed. (SMM-CA)
710 KMPC CA, Los Angeles new "Larry King" affiliate, ex-KFI-640. Carries live (2306) feed. // XETRA-690. (SMM-CA)
1250 KTMS CA, Santa Barbara new "Rush Limbaugh" affiliate, // KFI-640 and XETRA-690. (SMM-CA)

UNIDs

- 1040 7/15 0840 unID weak with religious hymns, faded up briefly, then gone. Suspect KLHT-HI. KOFY-1050 splash. (RW-CA)
1550 7/15 0922 two Spanish stations mixing in KKHI null. One is KXEX, other possibly KXTO-NV which is listed as being back on the air with Spanish format in new M Street Journal. (RW-CA)

As I was editing and taping together this column I realized something. Bill was typing WDXF at the same table. How many times have two people worked on two DX columns together at the same table? Usually it is a novelty for two DXers to live in the same house, hi.

WDXR REPORTERS TO VOLUME 28 (Total tips & number of issues reported):

1. Tim Hall	267/22	17. Curtis McMenamin	23/5
2. Robert Wien	237/33	18. Nigel Pimblett	21/3
3. Bruce Portzer	185/13	19. Rod O'Connor	20/8
4. Mike Sanburn	138/18	20. Art Peterson	20/4
5. Nancy Hardy	127/28	21. Gary Larson	19/8
6. Pat Martin	89/6	22. Bill Nittler	17/3
7. Bill Hardy	61/16	23. Frank Aden Jr.	12/5
8. Steve Mittman	40/7	Glen Kippel	12/2
9. Ed Hoffman	38/3	25. Rich Toebe	11/4
10. Jim Hilliker	37/7	26. Mike Riordan	10/7
11. Jef Jaisun	35/1	27. Phil Bytheway	9/3
12. Neil Kazaross	31/2	28. Kevin Malin	6/2
13. Dale Park	30/2	29. W. George Elliott	5/1
Reid Wheeler	30/5	30. Mike Hardester	2/1
15. Pete Taylor	29/7	31. Al Lehr	1/1
16. Guy Kudlemyer	28/5		

A special "Thank You" to all the reporters listed above.



Central DX Roundup

Editor: **John C. Johnson**
979 Neptune Boulevard
Billings, Montana 59105-2129

FOR THE RECORD

Report in Eastern time. Next deadlines: 8/31, 9/14.
CDXR accepts reports via computer through Prodigy, my address: MPNN49A.

RIDING GAIN

- [VAL-DX] = Valhalla Bch, MB DX'pedition 7/28
Attending: Shawn Axelrod from Winnipeg, MB
Wayne McRae from Winnipeg, MB
Larry Shewchuk from CIDX
Equipment: Icom IC-R70, 1500' Beverage pointed west.
- [TML-IN] = Tom Laskowski, 1334 E. Miner St., South Bend, IN 46617
- [JcJ-MT] = Your editor using an Icom IC-R71A with Radio West Loop.

SPECIAL INTEREST

- 650 KRDX CA Rancho Cordova, EX-KMCE. 7/16 good. SS format. 0203 ID "KRCX Roseville, Sacramento, Stockton. KRDX Rancho Cordova and all of Northern California." Also using slogan "Radio Capital." New for me thanks to a tip from Robert Wien! [JcJ-MT]
- 680 KVCM MT East Helena, EX-KHKR. 7/14 weak. 1000 ID "KXEI 95.1 FM Havre and KVCM East Helena 680 AM your Channel of Praise." into UPI Radio news. Christian music format. New for me. Note they were C&W as "kicker" KHKR. Special thanks to both Robert Wien and C Howard McDonald for the tip on this call change. [JcJ-MT]
- 990 CKIS PQ Montreal, EX-CHTX. 7/28 fair. 0212 w/oldies rock. New for us. CBW back on SPs at last! [VAL-DX]
- 1040 CIMA BC Vancouver, EX-CKXY. 7/28 poor to fair u/WHO. 0107 w/lite rock. New for us, [VAL-DX]
- 1230 KKUL MT Hardin, 7/28 noted now SILENT again. Was //FM with rock oldies. (FM serves Billings). [JcJ-MT]
- 1490 KBSR MT Laurel, SILENT since early July. KBSR call and NOS format was used since 9/90. [JcJ-MT]

DOWN THE DIAL

- 550 KBOW MT Butte, 7/25 good w/KFYR. 0931 out of spot cluster with "KBOW Montana News." [JcJ-MT]
- 620 WTMJ WI Milwaukee, 7/28 fair u/o/CKCK. 0105 w/weather report, ID "WTMJ 6-20." No normal CKCK slop here! [VAL-DX]
- 730 KKDA TX Grand Prairie, 6/8 very good. 2215 w/"Soul 73" slogan, also call IDs. Announcement complaining about poor treatments of Blacks. [KAZ-IL]
- 920 KVEL UT Vernal, 7/23 good on top. 0115 w/EZL/Lite Rock oldies. "The station you've depended on for over 40 years, KVEL." Not needed, but unusually good signal. [JcJ-MT]
- 950 KPRC TX Houston, 6/8 fair to good in null of WJPC. 2209 w/Astros baseball game. [KAZ-IL]
- 1000 KTOK OK Oklahoma City, 7/23 week, alone. No KOMO? 0132 with "Oklahoma's Information Station" going into Larry King. Very rare here. Usually KOMO dominates. [JcJ-MT]
- 1070 KNX CA Los Angeles, 7/28 strong. 0750 w/"KNX 10-70 Weather." Dominating the frequency totally. [VAL-DX]
- 1240 CJAR MB The Pas, 7/28 good. 0000 w/"CFAR, CJAR" ID into news and weather read by woman. Came up in mess, still on at 0100. First time heard south of Swan River. [VAL-DX]
- 1400 KRPL ID Moscow, 7/28 strong. 0659 w/"We're the oldies channel for the ??? city, 1400 KRPL Moscow, Pullman." This is a new one for us! [VAL-DX]
- 1440 CJOI AB Wetaskiwin, 7/26 good. 0145 with spot cluster, ID "North Central Alberta Radio Network. CKDH, CKBA, CKWA, CPOK, CHLW, CILW, and CJOI." [JcJ-MT]
- 1470 KBCW MN Brooklyn Park, 6/19 poor, mix w/WMBD. 0359 w/man w/ID as "KBCW...Minneapolis, St. Paul." C&W music. Finally Ideed. [TML-IN]

CDXR Continued.....

- 1470 WWWW OH Toledo, 6/14. 0259 w/man w/ID "...on AM 14-70 3-W-M, WWWW Toledo." Standard Broadcast News. New here. [TML-IN]
 - 1490 CJSN SK Shaunavon, 7/25 good, KBSR silent. 0115 with "Nightwatch Program" featuring a Brother John and religious music. 0123 with a 2 minute spot for Bill's Old Fashioned Meats. Not needed. [JcJ-MT]
 - WDBQ IA Dubuque, 6/29. 0359 w/spot for Resolve Quit Smoking kit. "This is Dubuque's oldies.....WDBQ Dubuque." Oldies music format. New for me. [TML-IN]
 - 1510 KGA WA Spokane, 7/28 strong. 0653 w/sports, "KGA" ID. Totally dominating the frequency. [VAL-DX]
 - 1530 KFBK CA Sacramento, 7/28 fair u/WCKY. 0525 w/Bohannon. [VAL-DX]
 - 1540 KLAU CA Capitola, 7/17 briefly good w/KSKQ in KXEL null. 0400 ID "KLAU Capitola." Rock oldies. Slogan "Cool Gold 15-40." New for me, CA#137. [JcJ-MT]
 - 1550 KKHI CA San Francisco, 8/5 good, on top. 0820 w/classical music. Break between selections mentioned "Music 'Till Dawn" and a promo for "KKHI." Not needed. [JcJ-MT]
 - KXTO NV Reno, 7/28 poor o/CBE, KQWB for 5 minutes. 0715 w/"Radio Exitos" ID into Mexican type music. New for us. [VAL-DX]
- LOCAL CHANGES**
- 1240 KUUS MT Billings, By mid July was back NSP. Rock oldies format. "KUUS 1240 your highway to rock oldies." [JcJ-MT]

25 YEARS AGO

August 20, 1966 issue of DX Monitor...Rick Evans of Gary, IN said he is now using a National NC-105....John Johnson reporting from Iceland said it got dark between 0100-0300 (local).....Joe Grag of Palestine, TX returned home from college for the summer....Don Erickson was rounding up money for the trip to the convention in Milwaukee, WI.



OPEN MIKE



A bore is a person who talks when you want him to listen. 25 years ago in Iceland I was reporting such things as "Radio London," "Radio Caroline South," "Radio Scotland," "Radio England," "Radio Caroline North," and "Radio Veronica." I can only imagine what I might have heard with the Icom and loop! Now, let's see, where did I put those old reel to reel air checks? Shawn tells me the "Magic DX Bus" is now painted and a new floor installed. They are planning a fall DX trek with 5 antennas! These are serious DXers gang! 73, John.

***** IRCA AM-FM ALMANAC, 5th Edition 1991 *****

The fifth edition of the IRCA AM-FM Almanac is now available! This 240 page book is a must have cross reference for the serious AM DXer. Within it you will find the current frequency check list, affiliates for news and talk show networks, syndicated music and religious programs, AM-FM simulcasts, station slogans, broadcasting in Canada, AM stereo, sports networks, utility stations and many articles on AM broadcasting. In addition, Volume V contains a section focusing on AM band foreign DXing (including a compressed IRCA Foreign DX Reference). Each list is in frequency order and many include the FM frequencies as well as the AM (great for FM DXers).

The IRCA AM-FM Almanac is available in large comb bound or loose leaf (please state preference when ordering). Post-publication prices are:

IRCA member: US - \$13.00 Canada - \$14.00 Overseas Sea Mail - \$14.00 Overseas Air-Mail - \$17.00
 non-members: US - \$15.00 Canada - \$16.00 Overseas Sea Mail - \$16.00 Overseas Air-Mail - \$19.00

The IRCA AM-FM Almanac is available from: Phil Bytheway, 9705 Mary NW, Seattle, WA 98117.

DEBT: This should have been on the front page but I ran out of space so it is here. All I am asking is that you buy Almanac 5 if you have not done so by now. Phil has about 80 of them on hand, and we need to sell 25 so that the IRCA will be operating in the black, that means out of debt. What a very good day that will be I will feel great, may even call for 3 cheers. All the helpers and the ones that sent donations a good pat on the back for a job well done. Thank you all very much....Pub.



Eastern DX Roundup

Ray Bauernhuber
141-12 243rd Street
Rosedale, NY 11422

- (MH-NC) Mike Hardester P.O. Box 8159, Camp LeJeune, NC 28542-8159
GMC Jimmy Radio w/fender antenna.
- (KVJ-GA) Karl V. Jeter 2115 Scarbrough Road, Stone Mountain, GA 30088
HQ-150 + 4' amplified loop, longwires.
- (KZ-NY) Karl Zuk 154 Old Post Road North, Croton-on-Hudson, NY 10520
Lafayette HA-230 w/75' of wire thrown high up into a
tree; (9-tube DX machine).

- 820 WBAP TX, FORT WORTH-DALLAS 6/28 0500 "Newscenter 820" and
"Weather Center 820" into c/w. Very strong. (KZ-NY)
- 860 WSBS MA, GREAT BARRINGTON 6/27 2030 broke into Red Sox game
w/announcement about reducing power to serve Great Barrington
only. Signal dropped but still there - now in w/CJBC in
Toronto. Confirmed w/station - lower power...only 3.9
watts! (KZ-NY)
- 1040 WYFX FL, BOYNTON BEACH 6/29 noted weakly u/KMOX w/UC format at
2058. (KVJ-GA)
- 1190 KUII TX, DALLAS 7/22 2115 GOOD w/CNN Headline News; no sign of
WOWO. (KVJ-GA)
- 1190 WBDY VA, BLUEFIELD 7/22 2045 s/off, mention of WBDY-FM 106.3,
10,000W; no WOWO tonight. (KVJ-GA)
- 1190 WSDQ TN, DUNLAP 7/22 c/w, female DJ, s/off at 1958. (KVJ-GA)
- 1250 WTAE PA, PITTSBURGH 6/28 0532 heard clearly u/open carrier,
probably WMTR in Morristown, NJ. (KZ-NY)
- 1270 WLBR PA, LEBANON 6/28 0550 w/light rock (Carpenters, Heart) and
Tom Snyder promo. Strong. (KZ-NY)
- 1290 WNBK NY, BINGHAMTON 6/27 0550 "AM 1290 WNBK", Dan Fogelberg
record; good reception. (KZ-NY)
- 1290 WJBR DE, WILMINGTON 6/27 0545 light rock, mention of WJBR-FM 99.5
simulcast. New...Good reception. (KZ-NY)
- 1290 WFBG PA, ALTOONA 6/27 0547 in mess w/WNBK, WJBR. Good. (KZ-NY)
- 1350 WDCF FL, DADE CITY 7/23 2137 WEAK w/c/w in auroral cx. (KVJ-GA)
- 1520 WKZQ SC, MYRTLE BEACH 7/15 w/rock mx, many local spots, 2029
s/off, mention of FM-101.7. (KVJ-GA)
- 1520 WTLN FL, APOPKA 7/15 religious programs, AM/FM ID, 2030 power cut
and gone. (KVJ-GA)
- 1550 WARD PA, PITTSSTON 7/7 2235-2302 FAIR w/sports-talk, local ads
including "Pocono Playhouse", quad-city ID
"Pittston-Scranton-Wilkes Barre-Hazleton" slogan is "WARD -
THE talk station." (KVJ-GA)

TENTATIVES, unID's, TIS & DX TESTS

- 530 unID NC, CHARLOTTE, Charlotte -Douglas Airport presumed the
TIS station noted July 6th at 1400 while at the airport and motel
(2 miles away). Sounded like male announcer but signal
garbled and poor quality. Sign mentioning to "Tune to 530"
noted on access road to airport arrival area. (MH-NC)
- 1610 unID NC, RALEIGH, Raleigh Airport NOT noted July 5th at 1230
TIS while driving by airport (I-40). Sign noted for airport info
to tune to 1610 but not even a hint of a station; nothing on
530 either. Did a quick scan of the AM band but nothing noted
there either. Is this TIS operational or off? (MH-NC)

=====

QUIPS & QUOTES

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FROM: MIKE HARDESTER: A poor showing DX-wise, but it's the ONLY listening (let's forget DXing) I've done in nearly a month. We're moved into a new house (utilities underground) and I'm now a new member of the daily Commuter Club! Leave for work by 0545 to make it to work by 0700 and leave work at 1630 to make it home (hopefully) by 1730-1800 local [Mike, I've been doing this for YEARS! I guess that's why they pay us the BIG BUCKS! Hi! - rb]. What fun! Anyway, as soon as things quiet down, I'm hoping to get the R-70 and Radio West loop set up and see what it's like to DX in a non-base environment.

A couple of weeks ago I caught the end of a TV news announcement about a radio station being closed due to fire. figuring it would be in the local newspaper, I waited for the item to appear...it didn't. So...somewhere in the Wilds of North Carolina, there's a silent AM station. If I can get any definite ID/infor, I'll pass it along.

=====

COMMENTS

=====

Thanks go to this issue's reporters (this is the last issue for Volume 28). The deadline at my QTH for the 1st issue of Volume 29 is August 31st. Let's start off the new season with a bang! Remember, that anticipation serves to increase the pleasure and I am definitely anticipating a GREAT DX SEASON! Till next time, CONTINUED GOOD DX MY FRIENDS and 73 de Mr. B



BRITISH BROADCASTING CORPORATION
Y CORFFORAETH DDARLEDDU BRYDEINIG
BROADCASTING HOUSE LLANDAFF CARDIFF CF4 2TG TEL. 00322 564888
CANOLFAN Y BBC LLANDAFF CALDEYD

7th October 1980

Mr Patrick Martin
Post Office Box 843
Seaside
Oregon 97136
United States of America

Dear Patrick

Thank you very much for your letter and reception report concerning BBC Radio 1, and for the sticker and post card.

I have pleasure in confirming that you heard the combined Radio 1 and 2 services on 26th September 1980 between 0240 and 0405 GMT on 882 kHz.

Enclosed with this letter is a photograph of Broadcasting House here in Llandaff, Cardiff, which is the point of origin of Radio Wales programmes.

With best wishes.

Yours sincerely

P. W. FEAR

Engineering Information Officer, Wales



Western DX Forum

★ ★ ★ ★

TEMPORARY EDITOR (again!!): Bill Hardy, 2301 Pacific Ave., Aberdeen, WA 985520. **DEADLINES:** Sat. 31 August, Sat. 14 Sept., then each Saturday until Phil Bytheway appoints a permanent WDXF editor. Volunteers for editor apply to Phil at 9705 Mary N.W., Seattle, WA 98115.

The following forums had been sent to Ric Heald in April, May, and June. The ones from Jim Hilliker and Geov Parrish are being run first because of their timeliness. The rest are being run in approximately the order in which they were submitted.-BH.

JIM HILLIKER, 1705 WITHERS AVE., #12, MONTEREY, CA 93940

Hi. As most of you know, Monterey has been chosen for this year's IRCA convention, which my wife, Laura, and I will host. We've had to change the date to 1, 2, and 3 November at the Casa Munras Garden Hotel. Details will be in this issue, hopefully. I hope a lot of you can make it, especially our West Coast members. The reason for the later date is because the summer season for this tourist area goes through the end of October. Also, our choice for Columbus Day weekend was conflicting with car races at nearby Laguna Seca Raceway and the California Airshow in Salinas. By changing to the later date, we were able to get better room rates for the convention. This hotel is also centrally located to this area's tourist attractions. It's also only one block away from four gas stations, two family-style coffee shops/restaurants and close to nearby fast food and gourmet restaurants. It's also only a couple of miles away from our airport. Plans are now underway regarding tours, guest speakers, etc., so I hope to see you at the 1991 IRCA convention. The weather's also still quite good that time of year, after our summer foggy season and before the rainy season. Generally sweater weather, but it can get unexpectedly warm that time of year as well. In other news, the KNRY 1240 sale fell through, so no change to oldies. . . KPUP 540 may get Raiders football this fall, now that KOMY 1340 is dark. . . KATA has been a pest here with KOMY off. . . Been corresponding with KFI 640 CE Marvin Collins recently regarding their history. I told him I used to get KFI on my phone in Anaheim in the early '70s. He said he was interviewed on KCBS-TV, Channel 2 in L.A. in April about a woman in Buena Park getting KFI on her phone. He said it was nothing new, since telephones have components that make them act like a crystal set. That's it for now. Have a good summer. Best of DX and 73 de Jim.

GEOV PARRISH, 4327 8TH AVE. NE, APT. B-306, SEATTLE, WA 98105

I really appreciate and want to thank folks for the support they've shown over my health problems. Basically (rumour control time!) I was diagnosed last winter with progressive kidney disease, and given six months to two years by so-called "expert" opinion. I'm more optimistic; but I have been constantly ill since last fall, and it is likely to only get worse, so giving up Broadcasting Information was pretty much inevitable. Which is a shame, because I really enjoyed doing the column and felt like it was a valuable contribution; best of luck to Robert Wien as he takes it over! Incidentally, I've also had to take a very, very early retirement from M Street, so I am once again not directly associated with those folks any longer. I must say that - given that there aren't a lot of other ways I can contribute right now - I was bitterly disappointed at the disappearance of my campaign statement for the Board elections. I received a letter from Mr. Lobel, dated and mailed a full month prior to his self-imposed deadline, acknowledging receipt of my statement and forwarding of it to Riverside. Oh, well. I'm still excited by the quality of the folks who won, and wish each of them all the best in the challenging times ahead for AM DX. 73.

ROBERT WIEN, 1309 DENTWOOD DR., SAN JOSE, CA 95118

(20 April 1991) A lot has changed radio-wise around in at least the last week, including KBLA 1580 Santa Monica coming on the air Wed. 17 April, KLIV 1590 San Jose switching from big band to news/talk also on Wed. 17 April, and KRCX 1110 Roseville, CA moving to 650 apparently Fri. 19 April, their signal here is pretty good over CISL. (In fact, KRCX remains on 1110 Roseville, the 650 Rancho Cordova station using KMCE calls until July; Robert's WDXR report notes that 650 is now KRDX, but the stations have been using "650 KRCX" slogans-BH.) I'm still scrounging around the area looking for a good Top 40 station, but the Bay Area has literally become devoid of a Top 40 station since KXXX and KWSS changed formats last month. The closest thing I've been able to find is a little 100-watt FM station in Fremont that is good for about 15 miles but not at my QTH. KDON 1460 Salinas, CA may be coming on the air soon, calls KRQC have been granted, but they've been silent for close to a year now, and I hope it continues that way, though lately 1480 has started to rival 1460 as a good DX'ing frequency since KYOS is now taking weekly MM SP's. Verie back today from CIMA 1040 Vancouver, BC ex-CKXY, #1033 for me. Tim Hall may visit up this way this weekend, I'll be keeping an eye out for him, haven't had a DX'er at this QTH for over a year and a half. This has been a poor season for me DX test-wise, only one has made it here, that being KUAI 720 which is unneeded here anyway. Tried for WJTZ 640 test last MM but didn't show. What we need are some west coast DX tests from very rarely heard stations. How about KEYZ 660 North Dakota? There's a good choice, or how about KUET 710 AZ, no one ever hears this one, or KLWJ 1090 OR? Or KHPN 1070 MT? Just read KGHL 790 has been sold, wonder if they'll change formats? 73.

GARY LARSON, 2806 LINCOLN, BURBANK, CA 91504

It's 21 April as I write this in Walnut, CA. I'm here because of a race I entered. Am also listening to KJQI 540 plus taping KSAK from the college. Sat. 20 April I attended a SCADS meeting. I thought of our member in Bellflower where I was, but had no way to call him. These meetings are held in the Huntington National Bank meeting room, 9025 E. Artesia, cross of Lakewood, 1330-1600. Next one is 18 May, then 15 June. (Sounds like each 3rd Saturday, right?-BH.) Open to many bands - SWL's, hams, AM/FM, scanner listeners, etc. I encourage Southern California members to try a meeting. For info on SCADS, call Don Schmidt at (213) 424-4634. Another person I thought to call was Steve Mittman but I got sidetracked. On 17 April at about 0504 EST (EDT?-BH.) KBLA 1580 put a carrier on, then a taped voice said, "Good morning. This is KBLA, Santa Monica." Then a poor fade-up of Business Radio Network. At about 0830 a local program started. I was able to tape sign-on plus new local program. KBLA's CE is Ron Russ. Address is 2049 Century Park E. #4390, Los Angeles, CA 90067. Phone (213) 788-1580. They use a new transmitter too. 73. (Some non-DX items omitted per Editorial Policy-BH.)

RANDY STEWART, 4225 W. LA CASA, SPRINGFIELD, MO 65802-5615

(25 April) I've reached a personal DX milestone: 500 stations logged on the BCB. And the winner is: WDDD 810 Johnson City, IL, first noted 21 April very strong in KCMO null, way over WGY. After nearly two solid months of superb conditions to the south (including Caribbean and Central America), conditions have returned to a more "typical" state, i.e. Eastern and Canadian clears strong again, IL and OH dominating the regional channels. Speaking of Canadians, I've noted a rock station fair/poor under WOAI 1200, ID'ing as "All-Hit Energy 1200" - is this CFGO Ottawa? On the local front, KWTO 560 has done some program shuffling: Dr. Dean Edell has been moved from 1100 local (1200 ELT) to 1600, and another hour of local talk inserted at 1100. They're also running NBC's early-early show (is "Daybreak" the name of it?)("First Light" with Dirk Van-BH.) at 0400 local, and CBS Radio Baseball Game of the Week on weekends - that's the only CBS Radio program currently available in this market - we haven't had a fulltime CBS affiliate for several years. KSWM 940 Aurora MO seems to be off the air again - KIOA audible here days. I'm a bit perplexed by something in Mike Hardester's forum in the 6 April DXM, namely his comment about WIP

610's verie mentioning its transmitter site in NJ, but that "it's the studio site we use." Maybe my years as an SWL (with all those relay transmitters) have warped me, but I always thought that it was the transmitter site that we count for loggings/QLS's. . .after all, even though the audio that modulates the transmitter originates at the studio site, it's not the studio that generates the RF signal that's picked up by your antenna: it's the transmitter. So if WIP's studios are in Philadelphia, but its transmitter is in Bellmawr, NJ, then you logged a signal originating from a NJ site, not PA. . .or so it seems to me. Comments? I'm confused! I always thought that was one of the nice little "loopholes" in the DX hobby. . .or am I really showing my ignorance?! [Of course, that "loophole" can work against the DX'er as well - don't SWL's routinely count TWR/Monte Carlo as FRANCE because its transmitters are actually on French soil. . .?] (Randy, see my 22 July forum at column's end-BH.) One more thing before I go - my boss here at KSMU-FM, Dr. Arlen Diamond, presented a paper at the NAB in Las Vegas a few weeks ago about AM radio and the public's perceptions of it vis-a-vis FM. . .I'll try to sit down with him soon and write up an interview for DXM. 73.

SHAWN AXELROD, 30 BECONTREE BAY, WINNIPEG, MB R2N 2X9

Greetings to one and all. First off, I would like to thank all of those who voted in the election, and a special thanks to those who voted for me. I hope to live up to your expectations and I am always open to suggestions on how to help IRCA remain a great club. Well, the Great White North DX'pedition has come and gone. We had a great time, even if it was a bit cold the first night. A wind off the lake and a clear sky let the temperatures go down to freezing, but as true campers we just bundled up and stayed warm in our sleeping bags. DX was not that good below 3 MHz, however. We did manage to get some new ones, with Wayne McRae getting his first Mississippi and both of us getting the Vatican on 1611 for a new country. That alone made the trip worth while. We had good tropical band conditions two mornings and we managed to log several new Papua-New Guinea stations on 3 and 4 MHz. It is never a lost cause, as no matter how bad the conditions we always get something. Hey, with Beverages ranging from 800 feet to 2500 feet, you are going to get something. Also of interest was a new antenna we tried out. It was a square shaped antenna about 5-6 feet up in the air that measured 100 feet each side. Some good results with it. In fact, the Vatican on 1611 was stronger on it than the 1200' Beverage. All of this has led us on a search for a BIG field to put up a really big loop. We want to go full sized at 937 feet per side for this rhombic antenna. Hopefully we will be able to put it up this fall in a farm field we may have access to. Should be interesting. Anyone with info on such antennas that could forward us the info, it would be much appreciated by us. Take care, and thanks to those who have contributed to the Grapevine column. Look for changes there soon. . .73.

GARY LARSON, 2806 LINCOLN, BURBANK, CA 91504

Hi. Was taping XEKAM 950 and Al Gross on 22 May and noted a het sound of a possible test. We thought it could be KIMN CO. (And if it were, it would be Nancy's most wanted of 20 years. Gary, KIMN has been KYGO for several years now-BH.) I called Al at studio (213-957-3120) to inform him of this. He said a caller from West Covina also heard the same thing. Checked to see if 930 here was interfacing, but it is definitely on 950 mixing with Tijuana. As to 1530 in Southern California, I've heard it will probably go news-info with new call and location of studio. Saw in WDXR 540 Tijuana is on, so now I know what's messing up KJQI's signal here. Al mentioned calling up XEPRS 1090 to find out if they'd put his oldies show on, and I decided to call request number. Appears they're live, maybe by microwave or satellite. My friend in San Mateo says 650 Rancho Cordova is a pest where he lives. KFI 640's too strong here - doubt if I'd hear them. (Gary, you might with a more selective receiver-BH.) Can't recall if I mentioned I found out KITH transmitter is on Zuni Road in Apple Valley. Two towers are used. I see a note about KBBV 1050 losing lease. May try contacting Vern Thompson on this. 73 for now. (Some info omitted that is updated in an upcoming forum-BH.)

JOHN C. JOHNSON, 979 NEPTUNE BLVD., BILLINGS, MT 59105-2129

(27 May) Just wanted to thank all who voted for me in the recent election. I'm sure Phil will do an excellent job as our President. It's also nice to see lots of fresh blood on the BoD! With any luck our club will reach new highs easily. Not much DX lately, nothing new anyway. I did log a new one on TV DX, but that's another subject! 73, John.

ROBERT WIEN, 1309 DENTWOOD DR., SAN JOSE CA 95118

(30 May) Haven't sent in a forum in a while, so thought one was in order. First off, thank you for voting me onto the BoD. We have six other fine new BoD members in the way of Albert Lobel, Ric, Pat Martin, Shawn Axelrod, Bill Hardy and Mike Hardester. Both Ric and Pat Martin are "veterans" having served last term, so they'll have to show us "greenhorns" the ropes, hi. I am taking over the Broadcasting Info column editorship from Geov Parrish, who did a really great job with the column. I hope I can keep up the fine work he did. I have access to several publications so I can get the "hot" info into the column rather soon hopefully. Veries #1035 and #1036 have been received in the last two weeks, the first from KMCE 650, nice v/l from president of KRCX, and sent some coverage maps and bumper stickers. Other verie was a ppc from KEYF 1050 Dishman, WA ex-KFVR. Can someone help me with an unID I had last MM 27 May? I was sitting on 890 about 0330 PDT and had an oldies station floating in and out with deep fades, but it came up pretty good around 0350 PDT but faded during ID's (Murphy's Law in full effect!), and was wiped out by s/on of KBYE Oklahoma City at 0400 PDT (oh, that pest, hi). I thought it might be WQIS Laurel, MS, but they're listed as urban contemporary and jazz (strange combo), maybe KVOZ??? WLS had already faded out, and KQLX-ND is C&W. Loop ESE. Well, off to a good summer of DX. . .73.

BILL HARDY, 2301 PACIFIC AVE., ABERDEEN, WA 98520

(31 May) First, my humble thanks to the club for the Ted Vasilopoulos Award. Also, thanks to those who voted for me for the IRCA Board of Directors. The new Board will be voting on matters beginning in September, and I'll say what Ric has said many times: my mailbox is always open for your opinions on club business. Thanks to those who have ordered Almanac updaters. (As of today, 21 July, two 20-page editions have been published!-BH.) For Memorial Day, we went camping in Olympic National Park near Port Angeles for the first time since 1988. Bruce Portzler noted in the 6 April WDXR that the TIS on 1610 at Uncas-Discovery Bay-Hood Canal Bridge was silent. Well, the antenna at the Highway 101 and 20 junction is gone, so consider KNHD262 defunct. In Port Angeles, the Park HQ TIS, KOD773, has moved from 1610 to 530 kHz, possibly to avoid interference with an unlicensed, commercial 0.1-watt "Tourist Radio" on 1600 kHz two miles away, and possibly because of a local 1290-1450 image on 1610. KAPY 1290 is now running SMN AdCon "24 hours" but with very tinny audio, even on local ads, whereas KONP 1450 has good clean audio, local live deejays. KONP has switched to ABC Info from Mutual. Olympic National Park TIS on 1610 at Lake Crescent and Amanda Park-Quinault are still active. KVAC 1490 and KLLM 103.9 Forks are now simulcasting with SMN's modern country format, although KVAC splits for Mariners baseball with FM still on SMN. KVAC-KLLM obviously get their CBS feed via KIRO 710 on the Mariners feed. We caught them red-handed following their legal ID with a fade up of ". . .Seattle, the News Authority. It's 4:00," and into CBS! They even ran two Seattle ads of KIRO's after the news! Small town radio at its strangest, hi. Although not much could be stranger than the 45-second loop tape KBBT 970 Portland was running for about two weeks with promos for "The Beat of the 90's, in 10 days," etc. Their "alternative rock" format went on the air 18 May, no need for me to set a pushbutton, hi. 73 and good DX.

GLENN KIPPEL, 612 WEST AVE., MERCED, CA 95340-6577

Hello again! No DX was possible for a long time here due to local QRM. I discovered that it was coming from the photocell controller on a light by my garage door. So I scrapped the triac controller and built a relay controller with a few parts from Radio Shack, and - presto! -

no more noise. Medium wave DX, however, has been pretty disappointing for the past several months, with the only new loggings this year being KMET 1490 and KMCE 650, which is simulcasting with KRCX 1110. Occasionally KIKI 830 or KPUA 670 make it in, but no Japanese at all this year. A news report on Radio New Zealand said that the AM Radio network is going to be closed down. This would include 657, 882, 900 and 963 kHz. The sport programmes will be moved to the Community Network, but I don't know if the above frequencies will be shut down or Community Net is taking them over. I was on a trip recently to La Mision, Mexico and on the way, I noted the nine-tower array of XEPRS at Rosarito Beach, and what apparently is the three-tower array of XETRA next door. Also, the CalTrans HAR KNEC996 1610 seems to be coming from a little whip antenna alongside I-5 just south of Valencia. They get out pretty well for such a small antenna. You may be interested to know that tape loops are a thing of the past, as TIS/HAR's now use digital (RAM) audio storage. A big welcome to the IRCA to veteran DX'er Hank Holbrook. Sorry to have missed Geov Parrish at the recent NAB convention in Las Vegas. I guess nobody really pays attention to the message board, hi. Well, 73 for now.

GARY LARSON, 2806 LINCOLN, BURBANK, CA 91504

As of 31 May, White Line Radio oldies rock on XEKAM 950 will be replaced by the Sun Radio Network feet between 0100-0500 PDT. Main reason is no response to ads plus few letters received by station about program. Host will stay on in another job as well as other projects. Too bad 650 is so strong in Northern California. Guess that ruins another "clear." Not that much happening lately. Did have a birthday on 22 June. XEKAM tells me they'll up power in July. Now there's really nothing I plan to listen to on 950 now that the oldies program was dropped. I'd heard a rumor of KHPY 1530 making changes but now I don't know. Am sorry the new 540 XETIM Tijuana is on, making it harder to hear KJQI. I saw or heard KIST dropped power some but I gather the sharing of its tower still gets the signal out well. No trace here since KWKW is on 1330. I can be reached after 26 June at (818) 842-1017. 73. (Two forums combined, with some outdated and non-AM items omitted-BH.)

BILL HARDY, 2301 PACIFIC AVE., ABERDEEN, WA 98520

(22 July) When I talked to Ric Heald in April, he sounded really anxious and excited to be taking the forum column back over. As most of you know, he typed one column for the 27 April issue, and that was all. After he missed the May and June issues and I wrote to him again asking if he was still okay, he called Nancy on 13 July and said he was resigning. We gather that Ric was "burned out" after 15 years of typing WDXF, especially after some of the nonsense from a certain member about WDXR boundaries. Even though that member has dropped out and it is no longer an issue, I feel we must respect Ric's wishes. WDXF needs a permanent editor, so write to our new club president, Phil Bytheway, if you have a good-looking typewriter and can spend a few hours each week helping IRCA. I had once again offered to Ric to type up the forums he had on hand. At least our new Smith-Corona personal word processor made typing all these forums a breeze. We like it so well we've given "Smitty" a name!! He's portable, too. In fact, I'm typing these very words at a state park campground while Nancy and the kids sleep in. Ric got great support this time; really interesting forums. Contestant comments were evidently edited to save time on the 8 July "Jeopardy!" TV show, eliminating Father Jack Pejza's plug for IRCA. Father Jack finished in last place that day, but it was fun to see him. Randy, about counting transmitter locations: There was a "mini-controversy" over the matter in the early 1970's. Most agreed that it was difficult to know where most AM transmitters were really located, but that "licensed" locations were a matter of hourly ID and FCC record. So even though most New York City stations have transmitters in New Jersey, most DX'ers count them as New York state. One member did choose to count them by transmitter location. Since DX'ing is a personal hobby, you're free to count them in any convenient manner, as long as you are consistent. Gotta go. 73 and good DX.

EASTERN DX FORUM

RICHARD C. EVANS
PO BOX 21883
MILWAUKEE WI 53221

Reports from members living east of the Mississippi River
Deadlines: 8/31, 9/14, then each Sat. thru March, 1992
Home phone: 414-Atlantic 2-9035

Karl Jeter, 2115 Scarbrough Road, Stone Mountain, Georgia 30088

Time for a mid-summer (or late-summer, by the time this sees print) check-in. In my last Forum, I reported that I had been laid-off my job, and I am happy to report that I am now self-employed, operating a small engineering/drafting service out of my home. I am enjoying this immensely, along with all the pros and cons of self-employment. (Congrats and good luck--rce) It's harder to make long-range plans (like conventions) but at least I can set my own hours, and depending on the workload, have found a little time this summer to DX. Good summertime DX does exist; as proof I got a nice logging of WARD-1550 Pittston, PA on 7/15! Probably one of the best catches this year. But, I must agree with Gerry Thomas, that in the summer, you DX when Mother Nature lets you! We've had a very wet summer, which, of course, means thunderstorms, lightning and STATIC! I ventured up into the north GA mountains recently, and stopping at a flea market up there, came across some vintage 40's-60's roadmaps. One in particular was called a "Tourist Information Map", dated 1952, that showed one particular route in detail. This one was US 129/25/25W from Lexington, NY to St. Petersburg, FL. If you've ever seen those AAA "Trip-Tik" maps, this is similar. What grabbed my attention was that right on the map was the approx. range of selected radio stations along the route! So, from Cincinnati to Berea, KY you could tune WLAP-1450, and then to Jellico, TN could try for WCTT-1400. In a local bookstore last week I saw the modern incarnation of this concept, in the form of a book listing radio stations along each interstate route and in each metropolitan area. Another map, a 40's-vintage "Pure Oil" SE US map, also has a listing of major radio stations. (I remember those maps from my youth--rce) In my verification-seeking activities of late, a few mysteries have arise that I thought someone might have information on: WKFL-1170 Buchnell, FL has no local phone listing; WBZR-1120 Destin, FL has only a Shaker Hts, OH address, no local (Desting) phone/address; KGHT-880 Little Rock has no phone; and finally WKRU-1510 Burnetown, SC - my follow-up was returned "out-of-business" with no address/phone. All have been reported to this year, all without response. Speaking of veries, the count is up to 1443 with a big boost coming during the month of April, when a total of 12 were received. Big news locally is that after 25 years as a staple of WSB-750 (except 1984 when they were on WCCN-640), the Atlanta Braves have announced that their flagship is moving to WGST-640/WPCH-94.9 starting with the 1992 season. The games are simulcast, I'm sure, because the FM coverage will be better after WGST has to power-down at sunset. Not sure, but I assume the network will be intact. Well, the DX season is almost here...I sure would like to be at the convention (any excuse to go to CA, hi!) 73's.

Mark Connelly, 30 William Road, Billerica, Massachusetts 01821-6079

First, to answer my own question: PJB-800 and R. Paradise-825 are still around. I noted them while on a recent trip to Cape Cod. So the reason they haven't been noted here (90 miles NW of the Cape) must just be below-normal Caribbean propagation. A bright spot here has been summertime TA DX - far better this year than in many other summers. Mid-June featured startlingly loud signals from Vatican - 1530 & 1611. On the evening of 17 July (GMT: morning 18 July), a great high-end TA opening was in full swing. I would rate the best catch as the Saudi on 1512 (Jeddah) right next to local (50 kw at 8 miles) WSSH-1510. The 1512 Saudi is heard much less often than 1521 (Duba). Phasing two longwires reduced WSSH QRM to manageable levels.

Conditions really out to be rockin' by October! 1990 was comparatively dull: auroras less spectacular than late March '91 and nothing to compare to this year's surprise summer TA DX. I read Richard Eckman's Drake R8 review with interest: it persuaded me to hold off from getting one, at least until more reviews float in (or until I can operate one at someone else's QTH). I think Al Merriman (one of the most avid builders of my DX-enhancing "boxes") also has an R8. I'm actually more interested in checking out Sony's ICF-SW77, the reported successor to the ICF-2010. The home QTH receiving situation is amply covered by an HQ-180A and a Kenwood R600. At W. Yarmouth, I have the old R-390A. Getting maximum portable performance for DXpeditions and business trips is of top concern. I like my '2010 & I'd like to see what Sony can do with a 7-year-newer model. I'm giving serious thoughts to a long-weekend DX trip to Newfoundland (or maybe Bermuda) within a year. DXers are invited to send me "target station" lists in case I take either trip. European/Middle East/African/Caribbean/South American DX would be main objectives. I'm enjoying all of the technical articles (by Lankford, Wraight, et al). It looks like the early '70s "Nelson" era all over again. For those looking for MVAM108 varactor diodes, I have them here. I'll sell them for \$1.25 each, including domestic postage. I've also located a source for U310 FET's and Mini-Circuits parts. Let me know what you need and I'll give price/availability quotes. 73 & Best DX.

Mike Hardester, P. O. Box 8159, Camp Jejeune, North Carolina 28542

Greetings! No DX of recent note, though 2 QSLs (for follow-up reports) have been received: WAYR-550 sent v/l, program schedule, bumper sticker, returned my SASE and prepared card (v/s was Dick Weer, Director/CO); and KBIS-1010 returned my prepared card using my SASE (v/s unreadable, General Manager), and a couple of days later, a full-data v/l was received from Norm Laramee, Chief Engineer. Some time ago, while trying to ID the mysterious Nat King Cole promo I heard (1000 kHz) for a power increase, I contacted WTAK in Huntsville. Yesterday (7/23), I received a call from Brian Williams (an announcer at WTAK) who was visiting in this area. We got together for lunch and a pleasant chat about radio. He mentioned that the planned power and antenna change requested for WTAK did NOT take place, and they'll be staying daytime with 10kw. A couple of weeks ago, I caught the end of a TV report (local) about a radio station being gutted by a fire. The call letters weren't heard, and no mention in the local newspaper. No station noted missing on a scan of the AM/FM bands on my truck radio, so no idea which station, though not a Jacksonville station. All for now. Very 73 and Best of DX!

Gary Siegel, 2955 115th Street, Toledo, Ohio 43611

If you fellow DXers look closely up above you'll note something new and different about me. It's true that I've moved (after all these years)! You'll now find the HQ of the new "WGES" studios about 3/4 of a mile North and East of my former QTH on 106th St. The new abode gives me more room and helps my mom maintain her sanity by not having my stuff constantly in her way and under foot. My location in beautiful Point Place is truly among the best; I'm about 100 yards inland from the shores of Maumee Bay which I can see while sitting on my front porch. Imagine what a DX boon this will be since I now have only 300 miles of water pretty much separating me from Buffalo, NY! Hope some of you DX friends will be able to drop by if you're in the neighborhood but please make sure I know about your plans well in advance because I work crazy hours so I might not be around to play host to you. My new TX number is 419-726-3802 and please limit calls to the evening hours only lest I be sleeping or at work whichever. There has been some surprising DX of late though sparse. On 6/28 at 0550 I caught an ID from KNHN-1340 in Kansas City, Kansas which was to say the least a most pleasant and big surprise. This was #75 heard on 1340! Then on 7/3 at 2255 I got a call from Ken Romstadt, NTCer in Ottawa Lake, MI (suburban Toledo) that WBIS-1120 in Bristol, CT was on top of that frequency big time. Well I quickly ran and grabbed my radio and sure enough they were there and were heard with many mentions of towns near Bristol in ads they aired plus caught the on-the-hour

legal ID then into network news. After that it was into their local weather. We both heard the KMOX CBS news sounder well under WBIS on the hour. Either the conditions were well favoring WBIS or they forgot to switch to night pattern/power. KMOX is normally highly dominant here. This brings the overall heard total to 3012. Interestingly this total has been in a year long fight with the Dow Jones average. (I'm slightly ahead at this point, hi!) My 3-band AM-FM-TV total is 4258--now ahead of Pete Rose's lifetime hit total, hi! Fun with numbers! 73s.

Rick Evans, 4841 South 26th Street, Milwaukee, Wisconsin 53221

This is being typed a week earlier than I had planned on, but I hadn't realized the new deadline at Riverside was a week earlier than I was set up for. Next deadline is Labor Day weekend, followed by one two weeks later, then each Saturday until March. Another indication that fall is not far away is that tax school starts again for me on August 21st. Not much DX done here this summer as plenty of storms in the area kept the radio unplugged. In the ten weeks since I moved to the south side, two violent storms went thru the area just above where I had been living, perhaps within five or six miles. The only bandscan I've done down here reveals much is the same except that 1250 and 1290 seems more splashy. While on vacation to Pennsylvania last month, I discovered that WPEN-950 is like it was when I left--good music from the 40's and early 50's. Didn't get to listen to it much, though. On the way out, I had a chance to buy a copy of the 10/28/29 Milwaukee Leader (it's a reprint) and it had some interesting radio listings. First on the list was WEVD, New York City with no frequency shown. After that, in order: WCFP-970, Municipal Pier, Chicago, Ill; WTMJ-620 Milwaukee; WHAD-1120 Marquette University, Milwaukee; and WISN-1120, Wisconsin School of Engineering, Milwaukee. Nowadays, the AM listing about 15-18 stations. I first heard about the big news from Milwaukee while visiting friends north of Philadelphia. The site of all the commotion is a block east and 58 blocks north of where I live, so it's several miles away. That's it for this month. 73.

IRCA Mexican List, 2nd edition

The IRCA Mexican List, 2nd edition, is now available from the IRCA Reprint Service! This comprehensive guide lists calls, frequencies, locations, powers, schedules, networks, slogans and formats of AM stations throughout Mexico. It contains a wealth of never-before-published information received direct from Mexico City, and has been updated by listener tips though September 15, 1990. AM radio in Mexico has undergone an extensive shuffle in the past year. If you DX Mexico (or want to), you need this publication.

The IRCA Mexican List is available in four convenient formats:

Volume I - Sorted by Frequency, State, City (24 pages)	US \$3.75	Canada \$4.75	Foreign \$6.00
Volume II - Sorted by State, City, Frequency (21 pages)	US \$3.25	Canada \$4.25	Foreign \$5.25
Volume III - Sorted by State, Frequency, City (22 pages)	US \$3.50	Canada \$4.50	Foreign \$5.50
Volume IV - Call Index (Call/State/City/Freq only) (6 pages)	US \$1.00	Canada \$1.25	Foreign \$1.50

Send your order to: IRCA Reprint Service, c/o Steve Ratzlaff, 295 Pettis Ave., Mountain View, CA 94041

Please be sure to specify the volume(s) desired.

IRCA Foreign Logs

Before the creation of the IRCA Foreign DX Reference, the IRCA published nine editions of the IRCA Foreign log. Each edition contained the actual tips that were reported to the DXWW sections during an entire year (2 years in Volume 9), recompiled and retyped in a book format. In addition, special features include: articles on foreign DXing (Vols. 6-9), utility lists (Vols. 7-8), shortwave parallels (Vols. 8-9) and BCB propagation (Vols. 6-8). IRCA archives still has Volumes 3, 4 and 6-9 of the IRCA Foreign Log available to all for \$2.50 each. Make checks out to Phil Bytheway and send them to: 9705 Mary N.W., Seattle, WA 98117

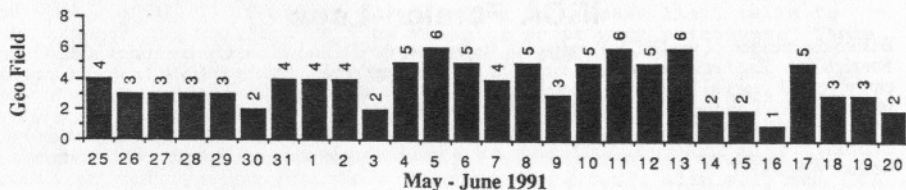
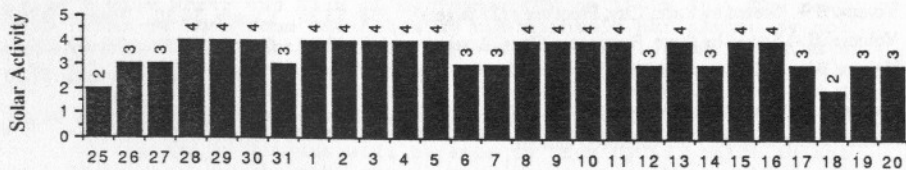
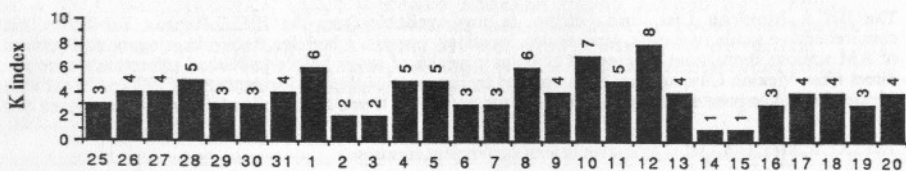
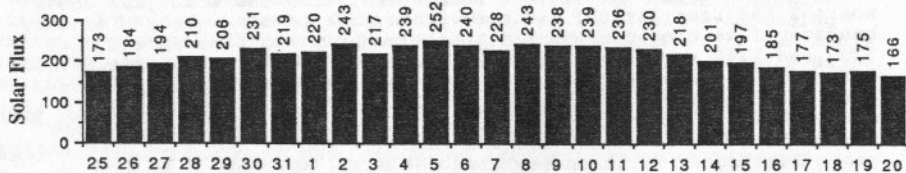
Geomagnetic Indices

Here is the Geomagnetic activity for May 25, 1991 through June 20, 1991 taken directly from the WWV broadcast at 18 minutes past the hour (usually tabulated at 0518 or 0618). The bar graphs for the Solar Activity and Geomagnetic Field data have the following breakdown:

- | | | | |
|----------------|--------------|-------------------|-----------------|
| Solar Activity | 1. Very Low | Geomagnetic Field | 1. Quiet |
| | 2. Low | | 2. Unsettled |
| | 3. Moderate | | 3. Active |
| | 4. High | | 4. Minor Storm |
| | 5. Very High | | 5. Major Storm |
| | | | 6. Severe Storm |

The Geomagnetic Field plot is of the largest value if it is given as a range (e.g. quiet to active = active).

Minor storms - 6/1, 6/4, 6/9 and 6/17. Major storms - 6/5, 6/11-13. Minor flares - 0. Major flares - 5/28-30, 6/1-5, 6/8, 6/10(2), 6/11, 6/13(2), 6/15(2) and 6/16. Satellite Proton Events - 5/31-6/13 and 6/15-18. Polar Cap Absorptions - 6/4-9, 6/11-13 and 6/15-17. Strat Warm Alerts - 0. pb



May - June 1991

Verification Signers



Editor: TIM HALL, 350 G St. #F-1, Chula Vista, CA 91910-4559
 Deadline: Last Friday of the month

CONTRIBUTORS TO COLUMN #55 (07/26/91):

OA - OLLE ALM, Tjadervagen 6A, S-871 65 Harnosand SWEDEN
 MS - MIKE SANBURN, P.O. Box 1256, Bellflower, CA 90707

FREQ	CALL	SIGNER'S NAME / TITLE	ADDRESS	WHAT	WHEN	WHO
770	KKOB	Gary Diamond, CE	Broadcast Plaza SW, Box 1351 Albuquerque, NM 87103	Q		MS
930	KSEI	Kevin Ross, PD	P.O. Box 40 Pocatello, ID 83204	L		OA
990	KKIS	Ken Boesen, PD	1855 Gateway Blvd #440/Box 180 Concord, CA 94520		25	MS
1060	KKVV	William P. Ledbetter, GM	3185 S. Highland Dr. Las Vegas, NV 89109	L		MS
1280	KKAL	Roz Colima, PROMO COORD/ SALES EXEC.	129 N. Halcyon Rd. Arroyo Grande, CA 93420	L		MS
1340	KKAM	Dale Mehl, PD	2020 E. Mc Kinley Fresno, CA 93703	L		MS

WHAT was received: Q=QSL card; L=Letter; B=Bumpersticker/other sticker; P=PPC.
 WHEN the reply came: Number of days elapsed; f=Follow-up (report/phone call/visit).

Short column this time! Hope conditions improve.

The VERIFICATION SIGNERS ANNUAL is now available through the IRCA Reprint Service. This publication lists verification signers for approximately 800 different stations, as submitted to this column over the past year. Column numbers and masthead dates are listed so you can look up the addresses in DXM. Typefont is the same one used here, but will appear LARGER because we didn't have to reduce it so much for printing purposes (same as the Mexican list updater). Prices are \$2.00 to U.S. addresses, \$2.25 U.S. to Canadian addresses, and \$2.75 U.S. to foreign addresses. Send your orders to:

IRCA Reprint Service, Steve Ratzlaff, 295 Pettis Ave., Mountain View, CA 94041.

We are pleased to verify your report
 on reception of CBC NORTHERN
 Service.

STATION C F Y K
 FREQUENCY 1340 kc. 1 k.w.
 DATE Dec. 6/65.
 TIME 8 p.m. MST.

Thank you for your interest
 Yellowknife - N.W.T.
 Canada.

CANADIAN BROADCASTING CORPORATION
 NORTHERN SERVICE, P.O. BOX 806, OTTAWA



Mr. Patrick Martin,
 P.O. Box 1223,
 Seward.
 =====
 Alaska - U.S.A.

Hearing It Through The Grape Vine

SHAWN AXELROD, 30 Becontree Bay, Winnipeg, MB R2N 2X9 Canada (204) 253-8644 before 2300 E.L.T.

CONTRIBUTORS THIS TIME AROUND

Micheal Hardester P O Box 8159 Camp Lejeune N C 28542-8159
 Bruce Portzer 6546 19 Ave NE Seattle WA 98115
 Mike Sanburn P O B ox 1256 Bellflower CA 90707
 Ye Olde Editor as above

FREQUENCY OF THE MONTH 610 KHZ

Mike Sanburn				
*KFRC San Francisco CA	Reg Nites	KAVL	Lancaster CA	Reg. Nites
KVNU Logan UT	Occasional nites			
Micheal Hardester Modesto CA	(1970's)			
KFRC San Francisco	Regular days and nights			
Micheal Hardester San Marcos CA	Early 1980's			
KAVL Lancaster CA	Occas. Days & Nites	KFRC	San Francisco CA	Occ. nites
Micheal Hardester Camp Lejeune NC	Current location			
WIOD Miami FL	Dominant days	WIP	Philadelphia PA	Regular nites
Bruce Portzer				
KONA Kennewick WA	Fair days good nites	KFRC	San Francisco CA	Most nites
KYJCMedford OR	Rare at nite	CHNL	Kamloops BC	Most nites
CJAT Trail BC	Rare nites	CKYL	Peace River AB	In odd CX
WDAF Kansas City MO	In 1960/70's with KFRC off			
KOJM Harve MT	In 1960/70's with KfRC off			
CKRW Whitehorse YT	1971 with S/off u/KFRC			
YE OLDE EDITOR				
KDAL Duluth MN	Regular/Dominant	WTVN	Columbus OH	SRS/SSS
WDAF Kansas City MO	Regular nites.	KZSS	Albuquerque NM	SSS
KOJM Harve MT	SRS	CKTB	St. Catherines ON	Nite occ.
CKYL Peace River AB	Occ SRS	KVNU	Logan UT	From Swan River

STATE OF THE MONTH IDAHO

Mike Sanburn				
580 KFXD Nampa	Occ nites	630 KIDO	Boise	Occ nites
670 KBOI Boise	Reg. nites	730 KUCL	Boise	SRS in XEX SP
930 KSEI Pocatello	In Calif desert	950 KKIC	Boise	XEKAM SP
1140 KGEM Boise	Rare	1270 KTFI	Twin Falls	Occ nites
1310 KLIX Twin Falls	Occ nites	1350 KRLC	Lewiston	Occ in '70's
Mike Hardester Modesto CA				
580 KFXD Nampa	MM's KMJ SP	590 KID	Idaho Falls	MM's
670 KBOI Boise	Regular days/nites	790 KSPD	Boise	Equip Test
930 KSEI Pocatello	MM's	1140 KGEM	Boise	MM's KRAK SP
1270 KTFI Twin Falls	Occ MM's			
1340 KSKI Hailey	MM's	1400 KRPL	Moscow	MM's
Bruce Portzer				
580 KFXD Nampa	Good nites	590 KID	Idaho Falls	Rare nites SSS/SRS
620 KWAL Wallace	Rare nites	630 KIDO	Boise	Weak at nite
670 KBOI Boise	weak days	690 KBLI	Blackfoot	AN emergency
730 KUCL Boise	Rare SSS/SRS	790 KSPD	Boise	SSS/SRS
930 KSEI Pocatello	Most nites			
950 KOZE Lewiston	Rare in KJR null	950 KKIC	Boise	Once
970 KBBK Rupert	SRS	980 KUPI	Idaho Falls	Rare nites
1060 KBGN Caldwell	Often SRS/SSS	1080 KVNI	Coeur d'Alene	SRS/SSS
1140 KGEM Boise	Nightly	1230 KBAR	Burley	Not since 70's
1230 KORT Grangeville	Not since 70's	1230 KRXX	Rexburg	Not since 70's
1240 KJCY Mountain Home	SRS rare	1270 KTFI	Twin Falls	SRS/SSS
1260 KTEE Idaho Falls	In the 60's	1290 KZBQ	Pocatello	In the 60's
1300 KLER Orofino	Rare nites	1310 KLIX	Twin Falls	Good nites
1340 KSKI Hailey	Not since 70's	1340 KSGR	Nampa	Some nites
1350 KRLC Lewiston	Fair at nite	1400 KART	Jerome	SRS/SSS
1400 KIGO St Anthony	F/C in 60's	1400 KRPL	Moscow	Some nites
1450 KBFI Bonners Ferry	Often in 70/80's	1450 KVSI	Montpelier	S/on in 60's

1450	KIOV	Payette	Rare	1450	KEEP	Twin Falls	In the 70's
1480	KRXX	Gooding	Rare at S/On	1490	KCID	Caldwell	Rare at SRS

Ye Olde Editor in Swan River MB

590	KID	Idaho Falls	Rare SRS	630	KIDO	Boise	SRS
1230	KRXX	Rexburg	Rare SRS	1230	KORT	Grangerville	SRS

Ye Olde Editor in Winnipeg

670	KBOI	Boise	Rare SRS	580	KFXD	Nampa	SRS if CKY off
930	KSEI	Pocatello	SRS	1080	KVNI	Couer d'Alene	SRS once
1140	KGEM	Boise	Rare SRS	1270	KTFI	Twin Falls	SRS occ.
1340	KSGR	Nampa	Rare SRS	1350	KRLC	Lewiston	SRS
1400	KART	Jerome	Occ SRS	1400	KIGO	St Anthony	SRS
1400	KRPL	Moscow	On Dx'pedition	1450	KEZJ	Twin Falls	SRS
1490	KCID	Caldwell	Occ SRS				

NEXT TIME AROUND:

STATE PENNSYLVANIA
FREQ 900 KHZ

BEST CATCHES SECTION

MIKE HARDESTER IS THE FIRST ONE IN

BEST CATCH NORTH AMERICA- While in Modesto, one MM in the early 70's, I logged and QSL'd WKIX-850 in Raleigh NC. Why my best? They were running 5KW at the time (AM Farm Report as I recall). I was using a random wire (less than 100 Feet) antenna: and after calling the station they mentioned my phonecall, Name location, etc..the first time such had occurred for me. The reliever? Freed-Eisemann model 39-U.

BEST TRANS PACIFIC; Does Moscow HS on 1550 Count? Again in the early 70's from Modesto, I logged and eventually QSL'd via Eugena Stepanova. Even now, it's my only domestic BCB station heard/QSL'd from the USSR. A close runner up is the People's Rep. of China: Same as Moscow but this was the regular on 1040 KHZ which used to give WHO a run for its money. As with the USSR this is the only domestic BCB station I've heard & QSL'd from the P.R.C.

BRUCE PORTZER WRITES IN TOO:

NORTH AMERICA: Back in the early 70's my local on 1250 had long periods when, for Financial reasons, they either weren't AN or were off completely, so I often spent long sessions on 1250 waiting for stuff to surface. Nobody else on the WC was AN at the time so the freq was wide open, letting stations like WEMP-WI, WCHO-OH, WTAE-PA, CHWO-ON & others pop through. One night at 2:50 PST I was sitting in a bleary eyed stupor when a jingle ID popped up. I didn't catch the call but I had the tape recorder running so I noted the spot on the tape. The next day, after several hours sleep, I was in better shape so I played back the recording. This time I had no problem catching the jingle as " 12-50 W-K-B-Rrrrr". A quick check of the NRC Log showed I'd just logged New Hampshire, probably the last time anyone on the West coast has heard that very rare state.

TRANS ATLANTIC: This was more of a DX session than a catch. One weekend in the late 1970's some local DX'ers put up a beverage antenna at Jef Jaisun's house near Kirkland WA. We reluctantly decided to point it Northeast to avoid roads, neighbours' houses etc. I believe my thinking was "Well at least we'll hear Alberta". Little did I know shortly after SS TA carriers appeared., which eventually produced audio from Germany on 756, Holland-747, 2 or 3 BBC stations and several Unids. We lucked out with fantastic CX, because no subsequent NE beverages produced any TA signals at all.

TRANS PACIFIC: New Year's Weekend 1977-78 saw several northwest DXer's having a DX-pedition at Bill Hardy's parent's summer cabin along the ocean at Westport WA. Lots of Japanese & Pacific Island stations were in as were 3 Indonesians, thanks to the 1000 foot Beverage pointed towards the beach. But the most intriguing signal was a weak station on 1196 (yhis was when Asians were still on a 10 KHZ spacing). It would periodically fade up with pop music & a DJ in a language I didn't recognize. I checked the WRTH- the only thing listed was DXRS in Surigao, Philippines with 1 KW. Yeah sure uh huh!!! I eventually sent a tape of it to IRCAn Charlie Taylor who once lived in the Philippines...not only did he confirm the language as Philippino but he heard references to Surigao. HMMMM! A copy of the tape was sent to the station owners, who confirmed it was DXRS.

Well that is all the space this time around. more from Bruce next time. I hope you have enjoyed this new section and I hope that more of you will send in material. I will type it up as you put it down. No editor changes because this is your view not mine. Take care and as usual the NEXT DEADLINE IS ONE MONTH FROM THIS BEING PUBLISHED.



ASSOCIATION OF NORTH AMERICAN RADIO CLUBS

NEWS

ANARC UPDATE

Richard Eckman, 9 Still Harbor Ct., Hampton, VA 23669

An ANARC meeting was held at the Dayton Hamvention at the end of April. The main concern continues to be the future of ANARC and, specifically, who should govern the organization and whether the constitution should be changed.

Three constitutional amendments were presented by Sheldon Harvey, interim coordinator. The first would see the elimination of the clause that prevents the Executive Secretary from holding an official position in a member club. Obviously, this is to give Sheldon the legal basis to run for the post. I have mixed emotions about this since there is one other declared candidate - former Executive Secretary Dave Browne. It appears that Sheldon has suspended the election for this office until the constitution is amended.

The second amendment, also proposed by Sheldon, would automatically designate the chief officer of a member club (President, in IRCA's case) as its ANARC representative. This would effectively terminate my short stay as IRCA's ANARC representative! On one hand, it may help speed up the process of the decision making process, at least in some clubs. In our case, my understanding is that I have the right to vote as I wish, however I have consulted with former President Karl Zuk on previous ballot issues. I will certainly do the same in this instance and will respect the opinion of our new President, Phil Bytheway, when these amendments come up for a general club representatives vote. I really don't see the reason why Sheldon feels it necessary to propose this amendment. I think that individual clubs should have the right to designate their own representative in whatever manner they choose.

The third amendment, proposed by David Marshall, would suspend the ANARC constitution and set up a committee to draft a new one. The current Executive council would remain in place until such time that a new constitution is ratified.

I'll certainly keep IRCA up to date on whatever actions occur with these proposals. It's obviously a difficult time for ANARC. I hope that the organization is able to get past its present difficulties. I can't really agree fully with the way that Sheldon is proceeding, but I will wait and see what evolves. It's good to see that some people are making an effort to keep ANARC functioning.

Some other business: If any IRCA member expects to be at the Monitoring Times convention in October and wishes to represent IRCA at an ANARC display table, please let me know as soon as possible so that I can inform Sheldon of this. At the very least, we should probably get some IRCA literature to Sheldon for display at the ANARC table.

A new ANARC club list and Information Booklet have been published. The booklet looks pretty nice and includes a one-page display for each member club. Sheldon hopes that the major SW mail-order equipment firms may distribute this. Also, ANARC will advertise in the upcoming edition of 'Passport to World Band Radio' and may do the same in the 1992 edition of the 'World Radio TV Handbook'.

As always, if you have any questions and/or comments about our club's participation within ANARC, please feel free to write.

LOOP EXPERIMENTS: The Super Booster Bar

Gerry Thomas

This is the first in a series of articles describing some of the loop experiments I've conducted over the past several years. Most of these articles deal with questions of loop theory for which I could not find answers. A few of the articles deal with more mundane questions such as loop construction techniques; this is one of those articles.

Passive booster loops have been around for years and are still commercially available (e.g., the Select-A-Tenna). I've even written a couple of earlier articles on booster loops (the "Tilting T-Bar Antenna" and the "Hot Rod") but none has been as effective or as easy to construct as the "Super Simple Booster Bar" (see Figure 1). The key to its simplicity is its use of readily available construction components; the variable capacitor and ferrite rods remain as difficult to come by as ever, though.

A booster loop is nothing more than a parallel-tuned circuit which, when placed near the antenna of a portable radio, significantly boosts the signal to the radio. This parallel-tuned (or "primary" winding) circuit becomes a transformer when inductively coupled to the "secondary" winding that is on the portable radio's built-in ferrite rod antenna. This transformation results in a "peak" in tuning (instead of the "null" that normally results from a parallel-tuned circuit).

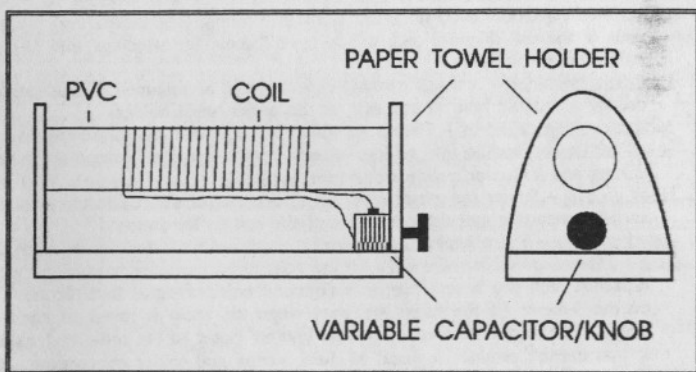


Figure 1. Super Booster Bar.

Materials Needed...

1. Paper towel holder -- This is the key to the simplicity of this booster. ScotTowels now makes a short (8-inch wide) paper towel holder that is perfect for mounting the ferrite rod assembly and variable capacitor. These are called "ScotTowel Juniors" and the holder costs under \$1.00.
2. PVC tubing -- The 1-1/4" diameter PVC tubing fits nicely on the nubs of the paper towel holder and is capable of housing a large number of ferrite rods. You'll need an 8-3/8" length of tubing (most smaller hardware stores will cut this to length; mine was \$.50).
3. Variable capacitor -- Ideally, you would use a small (1" x 1") 365 pF variable capacitor. Years ago they were available at any Radio Shack for \$.69; now they are next to impossible to find. Mouser Electronics (1-800-34-MOUSER) carries a dual gang variable capacitor (266 pF each gang; under \$3.00) that is useable but requires a shaft extension to accommodate a standard knob. (To extend the shaft of this variable capacitor, use a 1" x 1/4" round nylon "stand off" (for PC boards), a 1-1/4" x 2.5 mm screw to thread into the stubby knob of the variable capacitor and hold the "stand off" in place, and a tiny drop of super glue to further secure the "stand off" to the stubby knob.)
4. Ferrite rods -- The PVC tubing can hold a fair amount of ferrite -- I was able to

cram 10 rods (each 8" x 3/8") into mine and the boost it gives is incredible. Amidon Associates (12033 Otsego St., North Hollywood, CA 91607) carries rods (with a permeability of 125 mu) that are 7-1/2" x 1/2". I'm not sure of the current price but buy as many as you can afford and center them in the PVC tubing supporting them with cork or foam as needed. Alternatively, scavenge some ferrite from some old radios or attend the next hamfest nearest you and try to get your hands on some ferrite rods.

5. Wire -- Just about any kind of insulated wire will do. You'll need between 12' and 15' (depending on the variable capacitor you use). I used stranded 18 gauge for mine.
6. Rubbermaid turntable (optional) -- Available at most supermarkets; use the small size (about \$3.50).

Construction...

1. Wind wire on PVC tube -- If you are using a 365 pF variable capacitor, closely (i.e., no space between turns) wind 34 turns (12') of wire on the center of the tube. If you are using the Mouser variable capacitor (and are using only a single gang), closely wind 43 turns (15') of wire on the center of the PVC tube. With ferrite mounted in the tubes, either of the preceding windings with their respective variable capacitors will tune from at least .530 - 2.000 MHz. After you've wound the coil on the tube, ensure that there is sufficient wire overage to reach the variable capacitor to be mounted below the tubing (see illustration). Tape the ends of the coil in place and, if you have it, coat the windings with Q-dope to hold them in place.
2. Drill hole in holder -- A small variable capacitor can be mounted as illustrated after drilling a suitable hole in one arm of the paper towel holder.
3. Mount variable capacitor -- Fasten variable capacitor with glue or screws to holder.
4. Insert ferrite rod bundle into tubing -- Insert ferrite into PVC tube making sure fit is snug and rods won't slide when tube is tilted.
5. Hook up coil -- Solder (or use alligator clips) one end of the coil to the rotor of the variable capacitor and the other end of the coil to the stator.
6. Attach a knob -- Put a knob on the variable capacitor shaft and you're ready to go.
7. Test -- Place a portable radio close to the booster bar and slowly tune the variable capacitor until you hear a rise in background noise or signal level or see a peak on the S-meter (if the radio has one) when the radio is tuned to about mid-scale. If nothing is noticed, move the booster closer to the radio and try again. If that doesn't produce a peak, re-check wiring and solder connections. Quite frankly, there just isn't a whole lot that can go wrong with a booster circuit.

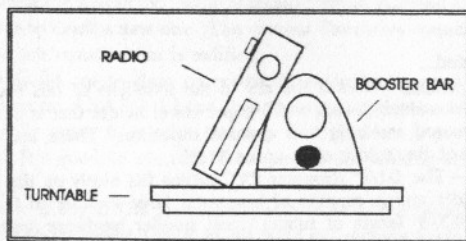


Figure 2. Booster Bar/Turntable/Radio Arrangement.

The booster bar becomes more useful if it is mounted on one of Rubbermaid's plastic turntables (see Figure 2). The portable radio (if it isn't too large) can be placed on the turntable and leaned against the booster bar. The two can then be rotated together to null and directionally peak stations. A longwire antenna can be tuned by hooking it to one side of the variable capacitor if you really need more signal.

Best of luck with this project. If you have any problems or suggestions for improvements, drop me a line. Also, if you discover sources for variable capacitors and ferrite rods, let me know. 73's...GT (3635 Chastain Way, Pensacola, FL 32504)

The RTL-1 Remotely-Tuned Loop

Mark Connelly - WA1ION - 03 JUL 1991 / updated 25 JUL 1991

The RTL-1 is a remotely-tunable balanced loop antenna system. The RTL-1 amplifier box accommodates Palomar Engineers loop heads as well as those of a homebrew design (ferrite or air core). The RTL-1's remote-tuning capability is compatible with the MWT-2 Option 5 being used as a controller. Refer to my MWT-2 Option 5 article dated 05 JUN 1991. The loop head / loop amplifier assembly may be placed a considerable distance (e. g. 100 ft. / 30 m.) from the controller / receiver "shack" position with little degradation of performance. Gain with the Palomar medium wave loop head is as good as, or better than, the gain when using Palomar's Loop Amplifier box with the same loop head.

A feature of the RTL-1 is modularization: when a better varactor-circuit, front end, or output amplifier card is designed, the card can replace its corresponding earlier-version "building block" without the need for a complete electrical or mechanical design overhaul. Such cards are under development by me, as well as by others such as Dallas Lankford. The RTL-1 can be customized for better dynamic range or higher sensitivity or lower power consumption by modifying individual subassemblies. The RTL-1's Balanced Front End (BFE-A) card, for instance, can be modified to a lower gain BFE-B, using guidelines similar to those in Dallas Lankford's loop amp. improvement articles. This would typically be done if using a higher gain loop head than the (rather inefficient) Palomar model. The BFE-A schematic is accompanied by a table indicating how to modify it to be the lower gain BFE-B. The current BFE-A design is a variation on the differential balanced amp. used by Sanserino et al. Grounded-gate FET designs and an overhauled version of a balanced front-end originally used by Jim Hagan will likely be swapped into the RTL-1 "test bed" for evaluation. Similarly, a varactor card resembling the circuit described by Denzil Wraight (DX Monitor: 25 JUL 1991) could be swapped for VAR-A to reduce instances of intermodulation distortion (IMD).

The frequency range covered by a given medium wave loop head can be extended upwards by enabling a relay in the RTL-1. This relay shunts (parallels) the loop head with 78 uH. A head that normally covers 500 to 1200 kHz can be tuned up to at least 1900 kHz with the relay enabled. As varactor diodes have a lower (maximum C / minimum C) ratio than an air variable capacitor has, use of the relay is sometimes necessary for full medium wave band coverage. Shunting the loop head in this manner reduces gain about 5 dB, but this "necessary evil" seldom makes the difference between hearing or not hearing a given DX signal.

As mentioned earlier, other heads besides the Palomar types may be employed. Drawings supplied with this article show use with a 15-inch ferrite rod loop similar to that used in late '70s era Radio West loops.

Because a remotely-sited loop is generally set up in one position and not constantly moved about for nulling, head tiltability (and critical balancing of the front-end card) is not nearly as important as on an in-shack loop. Tilting and rotating of Palomar heads is, of course, possible; mobility of larger heads is left up to the ingenuity of the builder. Besides the 15-inch rod "loop board" to be described in this article, other mechanically-compatible boards that can be attached to the RTL-1 box could incorporate, for instance, a 1-foot square air core loop.

continued next issue

THE INTERNATIONAL RADIO CLUB OF AMERICA (IRCA)

The IRCA is a non-profit organization devoted to the hobby of hearing distant stations on the AM Broadcast Band (510 - 1630 khz). **DX Monitor**, the official publication of the IRCA, is published 34 times a year, weekly from October to March, twice in September and April, and monthly from May to August. **DX Monitor** contains members' loggings, articles on radio stations, receiver reviews, technical articles, DX tips, and other material of interest to Broadcast Band DX hobbyists. IRCA is a member of ANARC, the Association of North American Radio Clubs.

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