

DX News

•Serving DX'ers since 1933•

Volume 66, No. 28 - July 19, 1999 (ISSN 0737-1659)



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From the Publisher ... Welcome to this mid-summer issue of DXN; as you can see from the contents of DDXD and IDXD, there's plenty of DX being bagged out there.

I'd like to personally wish my counterpart at IRCA's *DX Monitor*, Ralph Sanserino (who is perhaps more famous for his technical prowess and his creation of the Sanserino loop, one of which graces my DX shack) congratulations on achieving a well-deserved upcoming retirement from DXM publishing after the August issue is laid to rest. Here's hoping you can devote your retirement to tinkering with electronics and fishing lures, Ralph!

Former editor Dave Braun has agreed to take on "Target DX", which will include comments from the [NRC] Internet reflector and other useful hints in planning your DX'ing sessions; thanks, Dave! And I'm excited not only about Dave stepping up to take over this column, but also Bruce Conti's review of the DX year (see p. 44), Luke Steele's plans for contests (which will start up in September or October), Tony Fitzherbert's return to editing "Formats", Dave Schmidt's plans to revitalize "Musings of the Members", and the continuing high quality of submissions of other editors who keep turning out excellent columns each issue and others who work behind the scenes. Thanks to all for their super ideas and hard work to make DXN, and the NRC, the high-quality club that it is. We still have one spot to fill, that being "College Sports" editor; thanks to Rick Dau for his excellent efforts during the past few years. Applications for a volunteer editor are now being accepted.

I need to pen a review of the CCRadio co-designed by Sangean and Crane Electronics. I've seen both positive and negative comments about this receiver, and I'd like to compile comments from NRC members who have been able to use the CCRadio into a comprehensive review. Keep your comments to the point (let's say under 200 words) and as factual as possible; deadline for submissions will be August 10.

NRC member John Wilson, who is handicapped and has been confined to a care home for 13 years, would appreciate the donation of an up-to-date shortwave receiver to replace his current aging receiver. You can contact him at 1-302-998-0181, X 512, for more information.

If you had trouble reading deciphering the graphics in Mark Connelly's BBL-1 loop article last issue, you can visit Mark's web site at <<http://

pweb.netcom.com/~walion/weblink.htm>> for the complete set of graphics in Acrobat Reader.

DXChange ... Marc Marino - 40 Webb Street, Apt 1W - Calumet City IL 60409-0000, 708-730-1984, or <<london1@megsinet.net>> is offering an original Superadio (I); the AM works well but the FM has very poor reception: \$25; plus a Radio Shack 12-603 am/fm radio in like-new condition, \$25.

DXN Publishing Schedule, Volume 66

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
29.	Aug. 6	Aug. 16	30.	Sept. 10	Sept. 20

DXN Publishing Schedule, Volume 67

Iss.	Deadline	Pub. Date	Iss.	Deadline	Pub. Date
1.	Sept. 24	Oct. 4	16.	Jan. 21	Jan. 31
2.	Oct. 1	Oct. 11	17.	Jan. 28	Feb. 7
3.	Oct. 8	Oct. 18	18.	Feb. 4	Feb. 14
4.	Oct. 15	Oct. 25	19.	Feb. 11	Feb. 21
5.	Oct. 22	Nov. 1	20.	Feb. 18	Feb. 28
6.	Oct. 29	Nov. 8	21.	Feb. 25	Mar. 6
7.	Nov. 5	Nov. 15	22.	Mar. 3	Mar. 13
8.	Nov. 12	Nov. 22	23.	Mar. 10	Mar. 20
9.	Nov. 19	Nov. 29	24.	Mar. 24	Apr. 3
10.	Nov. 26	Dec. 6	25.	Apr. 7	Apr. 17
11.	Dec. 3	Dec. 13	26.	May 5	May 15
12.	Dec. 10	Dec. 20	27.	June 2	June 12
13.	Dec. 31	Jan. 10	28.	July 7	July 17
14.	Jan. 7	Jan. 17	29.	Aug. 4	Aug. 14
15.	Jan. 14	Jan. 24	30.	Sept. 8	Sept. 18

DX Time Machine

From the pages of DX News:

50 years ago ... from the July 16, 1949 DXN: Al Bartholomew, Corning, NY, reported that he had verified 155 Canadian stations, leaving only 15 more (excluding Yukon and Newfoundland) to be logged, with CHWK the oldest unheard.

25 years ago ... from the July 15, 1974 DXN: Joining the "HQ crew" were Bob Stonier, Frank Dailey, and Charlie Clayton ... this issue's DXChange included for sale a 1938 Scott Philharmonic 32-tube receiver for \$50, offered by William F. Murphy, MD, Lincoln, MA.

10 years ago ... from the July 24, 1989 DXN: Via *M Street Journal*, Jerry Starr reported that the FCC was making a move to computerize their Call Letter Department, converting it from longhand card files, adding, "Place your bets on what year (or century) they'll finally get this long standing mess straightened out."

AM Switch

Jerry Starr w8jv@yahoo.com
c/o WHOT Radio
4040 Simon Road
Youngstown, OH 44512-1320

Status changes in AM stations, supplied by the FCC and listeners

CALL LETTER CHANGES

Old call	New call
680 WNAI	KY Newburg
730 WGSE	SC Charleston
890 WQIS	MS Laurel
900 KRRR	CA West Covina
900 WKAJ	NY Saratoga Springs
900 WURD	PA Philadelphia
930 KBFV	WA Bellingham
950 WIDB	IL Chicago
990 WERK	IN Muncie
1140 WXBV	MI Kentwood
1220 KBNO	CO Denver
1230 KYVA	NM Gallup
1280 KHEP	AZ Phoenix
1400 WMXN	AL Fort Payne
1320 WTCK	NC Greensboro
1350 WOAM	IL Peoria
1360 KFDJ	AZ Glendale
1370 WVAX	IL Lincoln
1380 WRBQ	FL Saint Petersburg
1430 KALI	CA San Gabriel
1430 WNJR	NJ Newark
1470 WBUL	KY Shepherdsville
1510 KMSL	CA Ontario
1530 KLRA	AR England
1570 WYHI	FL Fernandina Beach
	WJIE
	WSCM
	WEEZ
	KALI
	WUAM
	WEGM
	KIXT
	WNTD*
	WLHN
	WKWV
	KLWZ
	KTHR
	KTKP
	WDLL
	WCOG
	WTAZ
	KCTK
	WLLM
	WVMI
	KMRB
	WNSW
	WLCR
	KIKA
	KLEC
	WGSR

*Note: The records seem to show that WIDB-950 first requested WNPB, then later asked for WNTD

APPLICATIONS/GRANTS FOR NEW STATIONS

None

APPLICATIONS FROM EXISTING FACILITIES

550	CHNO	ON Sudbury: to 103.9 FM
620	WJWR	NJ Newark: 20000/5000 U4
620	CKOY	ON Timmins: to 104.1 FM
640	WLVJ	FL Royal Palm Beach: 25000/37500 U4
650	WRPT	MA Ashland: 2000 D3
680	CKXG	NF Grand Falls: to 102.3 FM
700	CKRD	AB Red Deer: to 105.5 FM
760	WCIS	NC Morganton: 3500 D1
800	KQCV	OK Oklahoma City: 2500/1000 U4
830	WCRN	MA Worcester: 50000/5000 U4
840	CJXX	AB Grande Prairie: to 93.1 FM
850	WDJA	FL West Palm Beach: 50000/24000 U4
900	CHYC	ON Sudbury: to 98.9 FM
910	KFXV	WA Vancouver: 10000/10000 U4
930	WLLL	VA Lynchburg: 10000/49 U5
930	KYAK	WA Yakima: 10000/127 U1
950	WPEN	PA Philadelphia: 50000/50000 U4
1010	KXEG	AZ Tolleson: 15000/250 U5
1010	CKXD	NF Gander: to 103.7 FM
1030	KCTA	TX Corpus Christi: 50000/10000 U2

Facts About NRC's DX Audio Service

The DX Audio Service provides the ONLY monthly broadcast news cassette service to the DX community. Available to anyone, anywhere, it is designed to inform the radio listener in a pleasing and informative manner. Many of the announcers on the service are professional broadcasters giving their free time to give the listener the finest service available.

DXAS was started to provide broadcast information, both AM and FM, to the visually-handicapped DX listener. It has evolved into a service which provides useful material to all types of listeners. Many subscribers listen to the tape to and from their place of work while driving. Features include not only news about DX, but also airchecks from radio markets, dialscans, frequency scans, and other items. A one-year subscription is only \$25. Sample 45-minute copy: \$2.00; back issues of DXAS: \$3.

Cassettes are mailed by First Class mail, on or about the 20th of the month. For information, subscriptions, renewals, back and sample copies: write to DX Audio Service - P. O. Box 164 - Mannsville, NY 13661-0164

DOUBLE COUNTRY

AM-97 WWSW

1050	KNML	NM Los Ranchos de Albuquerque: 1000/1000 U3
1060	KLMO	CO Longmont: 1000/111 U1
1060	KKVV	NV Las Vegas: 5000/500 U2
1080	WNWI	IL Oak Lawn: 3000/900 U2
1090	WNVY	FL Cantonment: 10000 D1
1120	WTWZ	MS Clinton: 7500 (2500 CH) D1
1150	KQQQ	WA Pullman: 25000/260 U2
1150	CKX	MB Brandon: to 101.1 FM
1160	WKGE	GA East Point: 50000/160 U5
1160	KENS	TX San Antonio: 25000/2000 U4
1190	WGFA	GA Atlanta: 25000 (2300 CH) D1
1190	WBIS	MD Annapolis: 50000 D3
1190	KKOJ	MN Jackson: 5000/5000 U2
1190	WNWC	WI Sun Prairie: 4700 D3
1210	WNMA	FL Miami Springs: 50000/2500 U4
1260	KGIL	CA Beverly Hills: 15000/7500 U4
1260	KWEI	ID Weiser: 50000/60 U1
1270	KSCB	KS Liberal: 5000/1000 U1
1270	WTJZ	VA Newport News: 1500/900 U2
1280	KKOM	CA Arroyo Grande: 10000/2500 U4
1290	KKAR	NE Omaha: 7300/5000 U1
1300	WXRI	NY Lancaster: 5000/2500 U4
1300	KLAR	TX Laredo: 1000/80 U1
1310	WYND	FL Deland: 8500/95 U1
1380	KMUS	OK Muskogee: 20000/500 U4
1470	WSRO	MA Marlborough: 7000/5000 U4
1480	KI.VL	TX Pasadena: 2300/1000 U4
1510	KJQI	CA San Rafael: 8000/200 U4
1550	KVAN	WA Vancouver: 50000/13000 U2
1560	WGLB	WI Washington: 250/180 U4, city of license to Elm Grove, WI
1570	WNSH	MA Beverly: 5000/500 U4
1570	CKTA	AB Taber: to 93.3 FM
1590	WWCC	PA Honesdale: 2500/220 U4
1590	WKTP	TN Jonesborough: 5000/5000 U3

Not sure about renewing?

Consider these benefits of a membership in the National Radio Club: 720+ pages per year of varied and comprehensive DX and radio information ... reduced prices for publications ... responsive editors ... and the friendliest bunch of DX'ers in the world! Why not send that renewal check to Ron Musco at the membership center today!

GRANTS TO EXISTING FACILITIES

850	WEEU	PA Reading: to 830 kHz with 5000/6000 U4, relocate transmitter
1070	WKOK	PA Sunbury: relocate transmitter
1140	WCJW	NY Warsaw: 2500 D3, relocate transmitter
1270	WHDL	NY Niagara Falls: 5000/143 U3
1310	KRBI	MN St. Peter: 870/260 U4, relocate transmitter
1450	KQDI	MT Great Falls: 720/720 U1, relocate transmitter
1450	KMCA	CA Burney: 1000/1000 U1
1470	WXAG	GA Athens: relocate transmitter
1470	WCLA	GA Claxton: 1000/170 U1
1530	KCMN	CO Colorado Springs: 3000/15 U1
1540	KZMP	TX Fort Worth: 32000 D3, city of license to University Park, TX (no night power shown)
1590	WZUM	PA Carnegie: 4400/59 U4 (CP modification)
1600	KLGA	IA Algona: 1000/500 U4
1660	WWRU	NJ Elizabeth: 10000/9000 U2, city of license to Jersey City, NJ (will be 2 site operation)

OTHERNESS

530	CKHL	AB High Level: CP to move to 102.1 FM is on
710	KXMR	ND Bismarck: new station is ON THE AIR
850	WRMR	OH Cleveland: CP for 50000/4700 U4 is on

AM 1380
WTYM

890	WYAM	AL Hartselle: CP for 2500 D1 is on
930	WYNI	AL Monroeville: silent station is ON THE AIR
980	KCTY	CA Salinas: CP for 10000/10000 U4 is on
990	WLHN	IN Muncie: station is SILENT
990	WZZD	PA Philadelphia: CP to relocate transmitter is on
1010	WCTS	WV Berkeley Springs: silent station is ON THE AIR (silent period was short)
1110	CKTY	ON Sarnia: CP to move to 106.3 FM is on
1150	KCKY	AZ Coolidge: silent station is ON THE AIR (silent period lasted only a few days)
1170	WWLE	NY Cornwall-on-Hudson: silent station is ON THE AIR
1190	KEZY	CA Anaheim: CP for 20000/1300 U4 is on
1190	KXKS	NM Albuquerque: CP for 10000/24 U1 is on
1220	CJSS	ON Cornwall: CP to move to 101.9 FM is on
1250	WREN	KS Kansas City: station is SILENT
1250	WJIT	PR Sabana: new station is ON THE AIR
1340	WTYS	FL Marianna: shown as U4 last month, should be U1
1340	WJRI	NC Lenoir: CP to relocate transmitter is on
1360	WNJC	NJ Vineland: CP for 5000/800 U4 is on, changes city of license to Washington Twp, NJ
1360	WWLG	MD Baltimore: silent station is ON THE AIR
1370	WLTH	IN Gary: station is SILENT
1370	KTLS	OK Holdenville: silent station is ON THE AIR
1400	WFOR	MS Hattiesburg: station is SILENT
1410	WDSK	MS Cleveland: CP to relocate transmitter is on
1450	KQDI	MT Great Falls: CP for 720/720 U1 is on
1470	WLCR	KY Shepherdsville: silent station (as WBUL) is ON THE AIR
1490	KOKK	OK Guthrie: silent station is ON THE AIR (relaying KNOR-1400)
1570	WIZK	MS Bay Springs: silent station is ON THE AIR
1590	WZUM	PA Carnegie: station is SILENT (will return this summer from new site)
1600	KLGA	IA Algona: CP for 1000/500 U4 is on
1600	KOKE	TX Pflugersville: new station is ON THE AIR
1620	KAZP	NE Bellevue: new station is ON THE AIR
1630	XEUT	BC Tijuana: first Mexican X-band station is ON THE AIR
1700	KQXX	TX Brownsville: new station is ON THE AIR

3WS
WWSW
94.5 FM - 970 AM

THANKS: Bill Hale, Wayne Heinen, Ed Krejny, Al Merriman, Shawn Axelrod, George Jensen, Blaine Thompson, Les Johnson and MSJ

Jerry & BKF

73 and Good DX, Jerry Starr & Buffalo K. Foonman

NRC's antenna manuals ... Now completely revised and up-to-date!

Antenna Reference Manuals, Vol. 1 and 2, \$6.95 each (\$9.95 to non-members)
Loop Antenna Design & Theory, \$8.50 (\$12.95 to non-members)
Order from NRC Publications - P. O. Box 164 - Mannsville, NY 13661. NY orders, please add sales tax.

IRCA Mexican Log, 5th Edition

Now available from IRCA: the 5th edition of its MEXICAN LOG. The IRCA MEXICAN LOG lists all AM stations in Mexico by frequency, including call letters, state, city, day/night power, slogans, schedule in UTC/GMT, formats, networks and notes. In addition, stations that have changed frequency since 1996 are cross-referenced on the old frequency. The call letter index gives call, frequency, city and state. The city index (listed by state, then city) includes frequency, call and day/night power. The log has been completely updated from the 1996 edition and carefully cross-checked by IRCA members in Mexico and the U. S. This is an indispensable reference for anyone who hears Mexican radio stations. Size is 8 1/2" x 11" and three-hole punched for easy binding (optional).

Prices: IRCA/NRC members - \$7.00 (US/Canada/Mexico/seamail), \$8.00 (rest of the Americas airmail), \$8.50 (Europe/Asia airmail), \$9.00 (Australia/New Zealand airmail). Non-members: add \$2.00 to the above prices. Make checks out to Phil Bytheway.

Order TODAY from: IRCA Bookstore, 9705 Mary NW, Seattle WA 98117-2334

Domestic DX Digest

West: Bill Hale phantom2@eaze.net

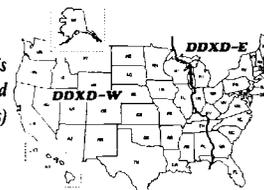
6124 Roaring Springs Drive - North Richland Hills, TX 76180-5552

East: David Yocis DavidYocis@aol.com

532 LaGuardia PL, #462 - New York, NY 10012-1428

DX Catches in the U. S. and Canada, with 24-hr. ELT

(Division line is
between East and
Central time zones)



DDXD-West

MEDIUM WAVE RAMBLINGS

- o Your attention please! The votes are in and have been tallied. Effective with the inaugural issue of Volume 67 (October), the regular DX loggings will be included in one section, regardless of time. So, continue to report your DX in frequency order in ELT, but forget about the time divisions. However, if it's a Special, unID, TIS, or other non-regular log, then separate that from the rest. The other issue was whether or not we will begin reporting in GMT, instead of ELT. That proposal was voted down, almost unanimously.
- o Today's homily is from Rev. Rieger: "Nothing great, but just documenting how the GYs are really 'close in' for the summer. While I'm a bit embarrassed by the lack of distance, these are NOT common catches, and WASK here is rare! Might be a good time to go after some 'most wanted' GY-DX! It's out there, but as we all know, it takes patience! End of sermon." SHP sez: "I'll be the first to admit that the new X-Band has whet my appetite for DXing again!! Who cares about summer static? There are NEW stations to be heard!"
- o A question keeps popping up every so often about Graveyard DX Records: ... is the record retained if the DXer passes away? Yes, most certainly, until bested by another DXer. There are a few of those contained in the current lists.
- o On a recent vacation to the Pacific Northwest, Tim Hall has these astute observations (aside from capturing many GY records): "Warning to anyone chasing CJEV-1340: This station, which I never heard despite "surrounding" this location on my vacation, uses a satellite feed called *The Heart of the Country*. CIBQ-1340, which gets out like gangbusters, also uses this feed. So if you hear C&W on 1340 //CJPR-1490, please do not assume you've got CJEV. These stations ID often (CJPR-CJEV, Mountain Radio), and CIBQ runs tons of local ads for Brooks as well as their 13-40 Q-13 slogan. By the way, I don't believe CJPR and CJEV are //CJOC-1220 at all anymore." Since we were talking about Graveyard DX Records ... a lot of new ones have been garnered this past month. You can check out the entire array of GYDX lists at: <http://www.angelfire.com/tx2/phantom2/>
- o The next deadline for DDXD-West is ... August 4th ... but you already knew that. See you here?

REPORTERS

- | | | | |
|----------------|------------------------|---|---|
| SA-MB | Shawn Axelrod | Winnipeg | ICR-70, Drake R8 + 4' unamplified box loop/Quantum Loop/145' long wire/100' indoor wire <saxelrod@mb.sympatico.ca> |
| EC-CA | Eric Cooper | Mission Viejo | Sony 7600G barefoot <mvlaw2000@juno.com> |
| RD-AZ | Ragnar Danneskjold | Mesa | Kenwood R-1000 and zepp antenna; Realistic DX440; Optimus 12-604; Panasonic FS-430 + Select-A-Tenna <lwdxer@juno.com> |
| TRH-BC | Tim Hall | Radium Hot Springs | ICF-2010, KIWA Pocket Loop |
| TRH-CA, TRH-OR | Tim Hall | DXing (well, trying to) aboard Amtrak's Coast Starlight train from LA to Seattle and Portland to LA | ICF-2010, KIWA Pocket Loop <halls@inetworld.net> |
| TRH-MT1 | Tim Hall | Lake McDonald Lodge, Glacier National Park | ICF-2010, KIWA Pocket Loop |
| TRH-MT2 | Tim Hall | DXing on the road in Montana | Ford car radio |
| TRH-WA | Tim Hall | DXing (well, trying to) aboard Amtrak's Empire Builder train from Seattle to Whitefish, MT, and Whitefish to Portland | ICF-2010, KIWA Pocket Loop |
| GJ-CA | Gary Jackson | Sacramento | FRG-8800 + Kiwa Loop |
| JCJ+NJ-xx | John and Nancy Johnson | (Billings, MT) | DXing while on vacation along I-90 or I-35 near cities listed 1998 Ford Mustang radio in IA, MN, MT, SD, or WY <John_Johnson@prodigy.net> |
| NJ-MT | Nancy Johnson | Billings | Yaesu FRG-7, Radio West Loop, or 1995 Mustang car radio <nancyjohnson@uswestmail.net> |
| AK-WA | Andy Kahn | Camas | SuperRadio III and Select-A-Tenna <aalwest@aol.com> |

COUNTRY
1470

WXRW

JEL-MO J.E. Lewis Kansas City Sony ICF-7600G + Select-A-Tenna
 JJR-WI John J. Rieger South Milwaukee RadioShack DX-398/stock <johnrieger@webtv.net>
 JS-MN John Sampson Grand Rapids Collins R388, Sanserino 2' Amplified Loop
 <jsampson@uswest.net>
 RT-CA Rich Toebe Concord Sony ICF 2010, Radio West Loop <richtoebe@jps.net>
 JW-CO John Wilkins Wheat Ridge Drake R-8, 4-ft loop <peakbagger3@juno.com>
 JW-CO1 John Wilkins on the road in Central Colorado GE SuperRadio II, oxygen mask
 INet Chip Kelley at <http://www.metronet.com/~chupk/Texas/TXradio.html>
 YOU A spot reserved for you next time!
 Ed.-TX Editor North Richland Hills

wiggle
 AM 1240

STATION NEWS & NOTES

710 KXMR ND Bismarck - 7/4 - Very weak, with KURL-730 splatter. 2045 with satellite-fed country music format. 2056 and 2059 IDs as 94.5 FM KQDY Bismarck and 710 AM KXMR Bismarck. This CP is finally on the air after many years. Logged in Billings on both the Icom IC-R71A and the Yaesu FRG-7. (Jc+NJ-MT)

790 KNST AZ Tucson - 1750 7/3 - Noted as having ESPN Game Night, rather than its regular talk programming. Could this be a programming change? (RD-AZ)

950 WNPD IL Chicago - 6/30 0324 - Fair signal, with CFAM off the air, mixing with WWJ. Heard with Radio Unica Spanish programming. NEW!! (SA-MB)

1230 (KHDN) MT Hardin - 7/2 - As of this date, this station is still silent and has not returned to the air as reported in AM Switch last month. (Jc+NJ-MT)

1250 WREN KS Kansas City - Per *Kansas City Star* article on 6/16, station has been sold to Entercom and will begin a 24-hour all-sports format on or about July 16. Article also mentioned purchase includes 1660 CP. Format could include both local and national sports talk shows. 1510 now has all-sports daytime, and 980 has live sporting events as well as sports-talk part of broadcast day. Will a market our size support all of these? Station noted off 6/16 1750. (JEL-MO)

1280 KEXX CO Denver - 6/21 - Still using these calls but only at top of hour. The rest of the time, only KVOI is used. Legal ID rather ambiguous, though: *We are the Classical Voice of Denver, KVOI 1280 AM KEXX Denver.* (JW-CO) [Update follows - Ed.]

1280 KEXX CO Denver - 6/27 0550 - Good signal, on top of a mess, with Classical music. ID as *We are now affectionately known as KEXX Denver at least temporarily.* Also used a slogan *The Voice Of Denver.* NEW!! (SA-MB)

1280 KVOI CO Denver - 7/5 - Listened for three consecutive hours and the only Top-of-Hour IDs were for KVOI 1280 AM, so looks like they have changed calls after a short-lived tenure as KEXX. (JW-CO)

1380 KRNN AR Little Rock - According to the FCC daily announcements, this station has been sold to Radio Disney, Inc., so expect a format and call change here. [Ed.-TX]

1480 KRHT CA Concord - 6/13 - Has been off-the-air for at least 10 days. I don't know the status of their CP, and they are not listed in the local phone directory. KYOS dominates during the day, now. (RT-CA)

1490 KWAB CO Boulder - Ex: KBVI, with similar format, i.e. Ad Con and obscure album music. Schedule seems to be 0800-2300 ELT. One ID went like this: *AM 1490 is Working Assets Broadcasting, KWAB Boulder and Beyond.* (JW-CO)

1490 (KBSR) MT Laurel - 7/2 - As of this date, this station is still silent and has not returned to the air as reported in AM Switch last month. KNDC-ND, common with KBSR, off the air here. (Jc+NJ-MT)

1640 KDIA CA Vallejo - 7/1 - Changed format to Catholic Radio Network. Not the same as KSMH as are a Catholic talk show format, and a commercial station. This, per call to station. (GJ-CA)

1660 WMIB FL Marco Island - New address, per phone call, is: 601 Elkcam Circle, Suite B Marco Island, FL 34145. (GJ-CA)

UNIDs and UNID HELP

1630 UNID ?? - 6/2 0600-0700 - Strong carrier, no audio. S-Meter 30+ to 40+. May be new Mexican on channel? Has to be more than 1000 watts! Any address on this one? (GJ-CA)

TIS & OTHER STUFF

530 WNEG396 CA Roseville - Started testing 6/23 with lots of IDs and NOAA weather. (GJ-CA)

530 (TIS) MT Kalispell - 6/10 1330 - Have seen listings for a TIS or HAR here, but none noted at 1330 or at 2000 recheck. (TRH-MT2)

530 TIS WA Unknown location - 6/11 0936 - Poor, with NOAA weather rebroadcast from Richland, WA. Weak signal from Pasco, WA, and got weaker as we traveled to the Columbia River Gorge across from Umatilla, OR, so suspect the station is near Walla Walla? //1610 station in Pasco area. (TRH-WA)

530 WNVA814 WA Peshastin - 5/31 2315 - Washington DoT mobile station. Fair signal in Wenatchee. This is WNVA814, Washington State Department of Transportation. . . Road and weather conditions may change rapidly, please drive carefully. Short message with very long gap between messages. (TRH-WA)

700 KNNS732 CO Climax - 6/19 0550 - Noted about two miles either side of Fremont Pass (elevation 11,318') with info and history about the Climax Mine - largest molybdenum mine in world, mine history, water & waste treatment, etc. Loop tape 6-7 minutes; no real IDs. (JW-CO) [John, the Harms TIS List says these are the calls, licensed here instead of Fremont Pass - Ed.]

1200 WPGG-523 IA Clear Lake - 7/1 - This TIS is easily heard along I-35 going down to Clear Lake. At 1130 with loop about area attractions such as the Surf Ballroom. Interesting TIS as the information is presented like a talk radio program with "callers" telling about different events. (Jc+NJ-IA)

1500 WPLV688p CA Yuba City 5/30 0415 - Presumed; no ID noted, but fair-to-good signals as train passed through Marysville. Relaying NOAA weather. Had been reported silent. (TRH-CA)

1580 KSSU CA Sacramento - 6/17 1500 - Sacramento State University station testing with SS music. Only 2-3 watts. (GJ-CA)

1610 WPFK508 CA Redding area - 5/30 0608 - Good signal for a few dozen miles on either side of Redding. This is a test of Cal Trans HAR. . . Announcer mentioned that this station was active when highway signs were flashing, and that it needed to be tested periodically to make sure it worked. Thanked listeners for noticing the signs and tuning in. Tape loop included call letter ID. (TRH-CA)

1610 Super HAR CA Redding - 6/17 0600 - CalTrans testing their new "Super HAR" here. Good signal, at 150 miles. (GJ-CA)

1610 TIS MT Big Fork - 6/10 1323 - Unlisted TIS noted with good signals on car radio in Kalispell. Operated by the Flathead Valley Repeater Service. Message included a little bit of information about community events, but mainly listed the frequencies of the local ham radio repeaters. Mentioned the ham call signs of several members, as well as their phone numbers, but failed to identify the TIS call letters! (TRH-MT2)

1610 KOP796 MT Deer Lodge - 6/10 0050 - National Park Service TIS at Grant-Kohrs Ranch NHS. Fair, with tape loop about the historical background of the site. (TRH-MT1)

1610 (TIS) MT Moiese - 6/10 1510-1755 - National Bison Range TIS was off the air during our visit. When I informed the ranger, she inquired with her colleagues who confirmed the station was off. *Some days it works, other days it doesn't.* (TRH-MT2) [Excellent attitude, hi - Ed.]

1610 (KOE731?) MT St. Mary's - 6/8 1550 - Station not on the air. When I inquired at the ranger station, they said it had not been activated for the season yet, and would likely come on the air in a couple of days. By the way, please delete any listing for a station on 530 in St. Mary's, as there is no such station. (TRH-MT2)

1610 KOE732 MT West Glacier - 6/8 1810 - Station is active with these calls (I've seen KOE731 listed for this station). Does not get out well, maybe about 3 or 4 miles. Completely inaudible at Lake McDonald lodge about 10 miles away. Note: At one time, the park planned to add stations at the Elk Winter Range, the Goat Lick turnout, Logan Pass and the Many Glacier visitor center. I visited the first two of these locations and they definitely have no stations; I was fairly near the other two locations and



- noted nothing there either. (TRH-MT2)
- 1610 (TIS) OR Bonneville Dam - 6/11 1225 - Had seen a listing for a station here, but nothing noted as we passed through the area. (TRH-WA)
- 1610 TIS OR Salem - 5/30 1705 - Fair signal for 5-10 miles around Salem. *This is a test of the I-5 transmitter.* Mentioned visitor information at exit 253. Salem Convention and Visitors Bureau. (TRH-OR)
- 1610 (TIS) OR The Dalles - 6/1 1136 - No station noted here as we passed through the area. (TRH-WA)
- 1610 TIS WA Chief Joseph Dam - 6/2 0037 - Fair, with tape loop about the dam, Rufus Woods Lake, and the town of Bridgeport. Gets out very well. (TRH-BC)
- 1610 WPKY673 WA George - 6/2 0054 - Perennial pest was in tonight with usual *Hee Haw* style tape loop, consisting of a long series of skits and farm facts. This station gets out like no other — noted it from Jasper, AB, Johnston Canyon, AB, and Glacier National Park, MT on subsequent nights. (TRH-BC)
- 1610 KCP208 WA Leavenworth - 5/31 2247 - Good for about 20 miles (between two mountain ranges) with tape loop by woman: *Welcome to the Wenatchee Ranger District. This is Forest Information Radio 16-10. . . .* Mentioned roads and campgrounds that were not yet open for the season. Tape loop included call letter ID. (TRH-WA)
- 1610 TIS WA Richland - 6/11 0918 - Station rebroadcasting the NOAA weather station in Richland, WA (calls sounded like WWF56). Station appeared to be in Pasco or very near it, as the signals peaked as the train passed through Pasco. (TRH-WA) [WWF56 is on 162.400 MHz in Pasco - Ed.]
- 1620 UNID TIS TX Lewisville - 6/18 1430 - At least I've got a location on this (see last issue). Lewisville is a northeast suburb of Dallas. Many mentions of *Lewisville* on tape loop, plus *This is the place to listen for local announcements*-type stuff. Still no FCC listing, or mention on the Harms List. [Ed.TX]
- ???? TIS/HAR CA Davis - 7/2 1900 - Cal Trans testing at US 80 and Patrick Road west of Davis. Strong signal at 30+ miles. (GJ-CA) [Gary failed to report the frequency - Ed.]

—The following comes from Tim Hall of Chula Vista, CA who vacationed in Montana, British Columbia and Alberta the first two weeks of June, and DXed with an ICF-2010 + KIWA Pocket Loop or a Ford car radio:

- Banff NP, AB: Stations on 1230 and 1490 at Banff Townsite, the East Gate Entrance (Canmore), Saskatchewan River Crossing, and Castle Junction are off. The park now has an FM station on 101.1 (English) and 103.3 (French), probably located in or near the Banff townsite.

- Jasper NP, AB: Stations on 1230 and 1490 at Athabasca Falls, Maligne Canyon, and the Columbia Icefields are off. The Columbia Icefields station may have just gone off recently, according to one ranger at Yoho NP. Funding is the main problem here, but rangers tell me there is a chance these stations will return to the air under the auspices of the non-profit organization Friends of Jasper Park.

- Waterton Lakes NP, AB: The stations on 1240, 1260, and 1490 at Blakiston Falls and Cameron Lake are off, probably for good. The Park's surviving FM station, which operates along the park entrance road on 89.5 (English) and 90.3 (French) mentions to watch for signs elsewhere in the park telling you to tune into other frequencies. The only such sign still in existence is at Cameron Lake, and the frequencies are covered up with a "Closed" sign. These stations appear to have gone off the air fairly recently; the surviving staff does not expect them to return.

- Yoho NP, BC: The stations on 1230 and 1490 are not on the air and there are no current plans to construct them. These may never have been on the air.

MIDNIGHT TO 0800 HOURS ELT

- 560 KBLU AZ Yuma - 6/13 2010 - With talk program, under very heavy splash from KGME-550. (RD-AZ)
- 590 WOW NE Omaha - 6/8 0023 - Playing country music underneath three stations, giving ID at 0029. New. (RD-AZ)
- 650 KGAB WY Orchard Valley - 6/8 0030 - *This is radio 650, KGAB Orchard Valley/Cheyenne.* (RD-AZ)
- 830 KPLS CA Orange - [no date] 0045 - With Catholic religious programming. VERY powerful. They must have forgotten to switch power and antenna. WCCO is most often heard here at night. New. (RD-AZ)

- 990 KTMS CA Santa Barbara - 6/29 0108 - Fair with *Art Bell Show* with Hilly Rose filling in for Art. *News Talk 9-90 - Talk 9-90, KTMS.* New here. On top of KATD and Mexican Clear. (AK-WA)
- 1230 KOZI WA Chelan - 7/8 0220 - Mention of *Eastern Washington.* AC music, with Natalie Cole's Miss You Like Crazy. Up for only a few seconds, then gone. Local pest KMUZ was nulled out. (AK-WA)
- 1230 KQWZ WA Everett - 7/8 0210 - Korean format, with talk and music. Fair signal. Local KMUZ was nulled out. (AK-WA)
- 1280 KDYL UT Salt Lake City - 6/28 0317 - NOS format. Weak signal. *American Classics, KDYL.* Thank goodness for *Magic Calls* or these satellite stations would be very hard to identify. New here. (AK-WA)
- 1290 KKDDt CA San Bernardino - 6/12 0105 - With *Radio Disney.* This station is a notorious non-IDer. They ID as AM 1290, *Radio Disney.* They never seem to give the calls at the ToH at night. R. Disney has [1290] stations in Richmond, VA, Savannah, GA, and San Bernardino. I am sure that this is the California one, I just never got the actual ID. (RD-AZ)
- 1320 KELO SD Sioux Falls - 6/20 0255 - With ID at end of weather. (NJ-MT)
- 1340 KRBT MN Eveleth - 6/30 0320 - Fair signal, in a mess, with Art Bell. NEW!! (SA-MB)
- 1350 KKEN CO Duncan - 6/12 0059 - Out of ESPN and into legal ID, largely unreadable, but heard call letters twice. Back into ESPN at 0100:00; soon lost to KGHF. 70 watts! New, OK #47. (JW-CO)
- 1400 KTRC NM Santa Fe - 6/28 0759 - Out of NOS music and into ID: *KTRC Santa Fe, the best variety of great songs and great memories. . . .* 1400 KTRC. CNN News at 0800. Fair over jumble. (JW-CO)
- 1450 KGIW CO Alamosa - 6/26 0757 - Male announcer with sign-on announcement for KGIW and KKLQ-FM 93.5. Over/under pileup. (JW-CO)
- 1450 WVON IL Chicago - 7/3 0555 - Fair in fade up, with calls. Black Gospel format. Nice to hear. (JJR-WI)
- 1460 KDMA MN Montevideo - 6/14 0608 - C&W tunes. At 0611 man said *If you like Country, KDMA* and into more tunes. Generally fair. (JW-CO)
- 1490 KCID ID Caldwell - 6/13 0159 - Dual ID at 0159:50 . . . on 1380 AM KSRV Ontario - Payette and 1490 AM KCID Caldwell - Nampa - Boise and into ABC News. Fair, briefly over QRM. Apparently these stations are // at times? (JW-CO)
- 1490 WNDV IN South Bend - 6/12 0213 - // Top 40 on U93 FM. Fair on peaks, then in with 1000 others! :) (JJR-WI)
- 1490 KRTN NM Raton - 6/14 0359 - Two quick IDs at 0359:55, then submerged in muck. (JW-CO)
- 1490 KYFO UT Ogden - 6/13 0400 - ID noted in SS, partially readable: . . . en Utah . . . KYFO, mil cuatrocientos noventa AM and into news. Fair, o/u QRM. (JW-CO)
- 1490 KUGR WY Green River - 6/13 0200 - Network news (not sure which one with stations mixing), local weather, then back to *Talk Radio Network* at 0207. In and out over the next hour, occasional local inserts. (JW-CO)
- 1520 KSFS SD Sioux Falls - 7/2 0958 - With *One On One Sports* program. Slogan *The Zone* and ID at 1000. (Jc+NJ-SD)
- 1600 KUBA CA Yuba City - 6/16 0220 - Fair-to-good . . . on top of KEED-OR. New format. Ex: Country. NOS-type format. *Great American Classics. The all-new, 1600 KUBA.* Nice to hear these guys up here . . . (AK-WA)
- 1620 KAZP NE Bellevue - 6/8 0318 - Fair-to-good signal, with some fading. ESPN programming and ID as *Sports Radio 11-80 Koil.* NEW!! (SA-MB)
- 1620 KAZP NE Bellevue - 6/11 0130 - *Several Sports Radio 1180 KOIL* IDs, ESPN Sports Radio. Good ID at 0200: *Sports Radio 1180, KOIL, K-O-I-L, Omaha-Council Bluffs-Belleuve.* (SHP-TX)
- 1630 KCJJ IA Iowa City - 6/8 0040 - *Several The Best Hits. . . Eastern Iowa's 1630. . .* KCJJ IDs, news at 0056 read by female announcer, and good AM 1630 KCJJ Iowa City, Coralville, and Cedar Rapids ID at 0057. (SHP-TX)
- 1630 CASPE NE Bellevue - 6/23 0500 - KOIL ID with Omaha news, and ESPN Sports. Very weak, through KYIZ. Report sent. (GJ-CA)
- 1660 WMIB FL Marco Island - 6/11 0600-0645 - With ABC News, ID. Music format. KXOL off. (GJ-CA)



- 1660 WMIB FL Marco - 6/27 2131 - Poor signal, under WQSN, with music programming. NEW!! (SA-MB)
- 1660 KXOL UT Brigham City - 6/21 0045 - KXOL, Northern Utah's first ten-thousand watt station. Apparently KXOL must have some FCC approval that allows them to be 10 kW 24/7 because they are advertising always that they are 10 kW. They are also for the first time in my knowledge tonight to be in AM stereo or at least its the first time it sounded like they could be. (RD-AZ)
- 1700 KQXX TX Brownsville - 6/8 0558 - Poor signal, with easy to spot Mexican music and Spanish talk, under KBGG. NEW!! (SA-MB)
- 1700 KQXX TX Brownsville - 6/22 0657 - Tejano music, canned 4-station ID at 0659:45 by male: KGJN(?) 106.3 Mercedes, KGJX(?) 105.5 Mission, KBOR 1600 AM Brownsville, KQXX 1700 AM Brownsville, and into news. More music after the news at 0703. Fair at best, over KTCK, which had started to fade away (Dallas LSR is earlier than Brownsville's in June). Heard daily around this time. New one for TX #145. (JW-CO)
- 1700 KQXX TX Brownsville - 6/30 0715 - Playing Mexican music. Ads for a three cassette package of Mexican music. Was over KTBK. (RD-AZ)
- 1700 KTBK TX Sherman - 6/10 0058 - Good ID at 0100, KTCK Dallas/Fort Worth... KTBK Sherman. ESPN Sports Radio feed, into the Dallas Stars Post-Game Show with Bob Sturm at 0001. (SHP-TX) [The Stanley Cup Champion Dallas Stars, I might add!!! - Ed.]
- 0800 TO 1600 HOURS ELT
- 580 KZMX SD Hot Springs - 6/28 1215 - With KZMX AM and FM ID. Satellite-fed country music format. (JcJ+NJ-SD)
- 920 KKLS SD Rapid City - 6/27 1500 - With numerous IDs and rock oldies. (JcJ+NJ-SD)
- 1060 KGFX SD Pierre - 6/28 1200 - With ABC News. KGFX IDs and C&W. (JcJ+NJ-SD)
- 1080 KNDK ND Langdon - 5/28 1430 - Lots of local ads and farm-oriented news, with slight QRM from KYMN, Northfield. (JS-MN)
- 1120 KANN UT Roy - 6/30 0823 - With a traffic report of a hot tub in the middle of I-15 blocking traffic and causing some very big problems. (RD-AZ)
- 1150 KIMM SD Rapid City - 6/27 1400 - With ID, Classic Country slogan. (JcJ+NJ-SD)
- 1230 WKLK MN Cloquet - 6/8 1550 - NOS, with MoYL. On top of 1230 here, but QRM from KTRF and KGHS. (JS-MN)
- 1240 KCCR SD Pierre - 6/28 1200 - With KCCR Pierre ID into CBS News. (JcJ+NJ-SD)
- 1260 KDUZ MN Hutchinson - 7/1 1505 - With 70s music, weather, ID. (JcJ+NJ-MN)
- 1260 KWYR SD Winner - 6/28 1210 - With ID and funeral announcements. (JcJ+NJ-SD)
- 1260 WXCE WI Amery - 6/24 1530 - Many local ads; oldies. Fair signal, in null of KROX, with heavy QRM from KDUZ. (JS-MN)
- 1290 KSCR MN Benson - 5/27 1426 - Weak, with lots of local ads. In null of CIFX. (JS-MN)
- 1300 KOLY SD Mobridge - 6/28 1225 - With Action Line trading-post type program. Gave phone number 1-800-658-3451. (JcJ+NJ-SD)
- 1330 WMNN MN Minneapolis - 6/24 1520 - News, lots of IDs. Quite strong here, but suffers greatly from slop from local KOZY. (JS-MN)
- 1340 KVBR MN Brainerd - 6/24 1400 - Break from One-on-One Sports. Local ads a few minutes later. In null of KRBT (strongest on 1340 here during the day), with much QRM from KDLM. (JS-MN)
- 1340 KROC MN Rochester - 7/1 1500 - With ID, into ABC News. (JcJ+NJ-MN)
- 1340 KTOQ SD Rapid City - 6/28 1212 - With KTOQ ID. EZL/50s-style music format. (JcJ+NJ-SD)
- 1380 KTKZt CA Sacramento - 6/15 0806 - Came up under an unID, blasting EZL/AC music. Mentioned Northern California's Talk Station and calling itself K-Talk. Can't think of who else it could be. (RD-AZ)
- 1390 KRFO MN Owatonna - 7/1 1039 - With local spots and mentions of Owatonna, but no ID heard. (JcJ+NJ-MN)
- 1400 WHLB MN Virginia - 6/6 1530 - NOS and many local ads. Strong here during the day, with QRM from unID (probably KEYL). (JS-MN)
- 1400 KBRB NE Ainsworth - 6/28 1305 - Out of ABC News with full, legal ID. Also using slogan KBRB AM 14. (JcJ+NJ-SD)

- 1420 KGIM SD Aberdeen - 6/28 1310 - With KGIM ID into South Dakota news and weather. (JcJ+NJ-SD)
- 1430 KBRK SD Brookings - 6/28 1315 - With KBRK ID and local news. (JcJ+NJ-SD)
- 1440 KUHL CA Santa Maria - 6/15 0800 - Bruce Williams, then ID and into ABC News. (RD-AZ)
- 1450 KATE MN Albert Lea - 7/1 1030 - With local spots, weather and a party line events program. (JcJ+NJ-MN)
- 1450 KBUN MN Bemidji - 5/28 1500 - One-on-One Sports, with break for local ads. Strongest on 1450 here, with slight QRM from WELY. (JS-MN)
- 1450 KBUN MN Bemidji - 5/28 1500 - One-on-One Sports, with break for local ads. Strongest on 1450 here, with slight QRM from WELY. (JS-MN)
- 1450 KBFS SD Belle Fourche - 6/27 1300 - With religious program. (JcJ+NJ-SD)
- 1450 KYNT SD Yankton - 6/28 1320 - With KYNT News (local) and weather forecast. (JcJ+NJ-SD)
- 1480 KAUS MN Austin - 7/1 1027 - With local spots, contest promo, call ID. (JcJ+NJ-MN)
- 1490 KRIB IA Mason City - 7/1 1225 - With KRIB IDs. 50s-style EZL music format. (JcJ+NJ-IA)
- 1490 KORN SD Mitchell - 6/28 1321 - With sports, news, and farm reports. AM 1490 KORN and 107.3 KQRN mentions. (JcJ+NJ-SD)
- 1490 KUGR WY Green River - 6/16 0945- Through the mess, with mention... here in Green River. (NJ-MT)
- 1520 KOLM MN Rochester - 7/1 1011 - With Good Times, Great Oldies, KOLM 15-20 into spots and then another ID back into rock oldies. (JcJ+NJ-MN)
- 1580 KCHA IA Charles City - 7/1 1353 - With local weather during CNN Headline News break. 1357 local news and ID, and back into CNN. (JcJ+NJ-IA)
- 1580 KDOM MN Windom - 7/1 1555 - With country music, 1600 ID into ABC News. (JcJ+NJ-MN)
- 1590 KTCH NE Wayne - 7/2 1100 - With country music ending, no ID, into ABC News. Country 15-90 AM slogan and KTCH 15-90 ID into local Nebraska news. (JcJ+NJ-SD)
- 1600 KLGA IA Algona - 7/1 1416 - With jingle ID into Cher's Believe. (JcJ+NJ-IA)
- 1600 KLLZ MN Walker - 6/24 1500 - Many 99-1 IDs (relays FM w/hard rock). ToH ID only mentioned the FM (serves Walker, Park Rapids and Bemidji). Only about 50 miles from us but quite weak and much QRM from KWOM, Watertown. (JS-MN)
- 1600 TO 2400 HOURS ELT
- 690 KFXN MN Minneapolis - 6/7 2200 - Sports programming, into an interesting sign-off announcement bemoaning that they have to sign off at sunset. Identifies as The Score; affiliated with KFAN-1130. V/I indicated that they are not pursuing night time broadcasting at this time because their antenna would have to be relocated and their directional system would be quite complex. A few years back, I believe that they did have a CP for night time. They don't put much signal up this way and I was happy to hear them. (JS-MN) [According to the FCC Database (sometimes accurate), KFXN is licensed U3 500/4 with their signal aimed at 105 degrees from M/SP. If, indeed, they are licensed for nighttime, and sign off at LSS, I believe they are in violation of their license. If it's still there, a rule says full time stations must stay on to at least 10 PM local time. I worked at a station (licensed full time), but we signed off at 10 PM on Sundays to fulfill this obligation. Otherwise they would have shut down at 6 PM. Maybe the database is wrong; maybe the KFXN management is ignorant of the fact they are licensed full time; maybe they don't wanna be on at night; maybe a combination of the aforementioned? - Ed.]
- 800 KQAD MN Luverne - 6/28 1735 - With AM 800 KQAD ID. (JcJ+NJ-MN)
- 990 KAYL IA Storm Lake - 6/28 1840 - Out of Paul Harvey's Rest Of The Story with ID. (JcJ+NJ-MN)
- 1230 KYSM MN Mankato - 6/28 1832 - With local spots, call ID. (JcJ+NJ-MN)
- 1240 KICD IA Spencer - 6/28 1829 - With local spots and area mentions, but no ID heard. (JcJ+NJ-MN)
- 1300 KGLO IA Mason City - 6/28 1828 - With call letter ID, local spots. (JcJ+NJ-MN)

12				
1310	KRBI	MN St. Peter - 7/1 1612 - With ID and into AC music. (JcJ+NJ-MN)		
1340	KIJV	SD Huron - 7/2 1657 - With weather, ID, local activities for the 4th of July week-end. Mention of <i>KIJV</i> and <i>Kissin' Country 99</i> . CNN News at 1700. (JcJ+NJ-SD)		
1370	KSUM	MN Fairmont - 6/28 1827 - With call ID, local spots. (JcJ+NJ-MN)		
1390	KJAM	SD Madison - 6/28 1741 - With ID. (JcJ+NJ-SD)		
1390	WRIG	WI Schofield - 5/27 2045 - NOS and many mentions of <i>Big Rig AM 1390</i> . (JS-MN) [This used to be <i>Big Rig</i> with 1000 watts when they were on 1400 from Wausau. Now, with 5000, they should be <i>Bigger Rig</i> , hi - Ed.]		
1400	KMHL	MN Marshall - 7/1 1603 - With ABC News, then local spots and call letter ID. (JcJ+NJ-MN)		
1450	WASK	IN Lafayette - 6/13 2318 - Noted in nice fade up, with <i>Cool Oldies WASK</i> . Fair, then into mud. (JJR-WI)		
1450	WRCO	WI Richland Center - 6/13 2018 - Poor, in fade up, with oldies. (JJR-WI)		
1490	KLGR	MN Redwood Falls - 6/28 1811 - With local news and weather, mentions of Redwood Falls events, and court news. (JcJ+NJ-MN)		
1550	KIWA	IA Sheldon - 6/28 1823 - With country music, local spots, call ID, and back into music. (JcJ+NJ-MN)		
1560	KBEW	MN Blue Earth - 6/28 1857 - With oldies until 1859 ID, then into a baseball game. (JcJ+NJ-MN)		
1570	KYCR	MN Golden Valley - 6/8 1625 - REL and many local ads. About even with CKMW (depends on where loop is oriented). This was a very splattery local, day and night, when we were in Minneapolis. Is inaudible here at night and, interestingly enough, is also inaudible at our daughter's home in South Minneapolis (about 5 miles SE from where we used to live). (JS-MN)		
1620	KSMH	CA Auburn - 6/14 2350 - With prayers and quotations from the Bible. Fair, under local TIS. New for me. (EC-CA)		
1620	CASPE	NE Bellevue - 5/27 2240 - Broadcast of NAIA Baseball Championships. Many KOIL announcements. Legal ID at 2300 (CASPE came thru very fast; sounded like KAZW but nice v/l confirmed CASPE call). Is now a night time regular here. (JS-MN)		
1650	KCNZ	IA Cedar Falls - 6/6 2305 - ESPN Sports Radio feeds. Good ID at 2320: <i>KCNZ is expanding . . . power to 10 thousand watts . . . 1650 on your AM dial . . . Eastern Iowa . . . the New 1650 . . . Tune in the difference with Talk 1650 KCNZ</i> . Although the FCC Database shows the call as KDNZ, they are using KCNZ. (SHP-TX)		
1670	WRNC	GA Warner Robins - 6/6 2342 - Using the <i>Real Country</i> format. Good ID at 0000: <i>Covering Middle Georgia with Real Country, 1670 WRNC Warner Robins, Georgia</i> . (SHP-TX)		

GRAVEYARD DX UPDATE
 Logged Prior to Jan 1, 1960

1230 kHz:				Miles
KBTM	AR Jonesboro	Ron Schiller	Avenel, NJ	947
WTHT	CT Hartford	Ron Schiller	Avenel	120
WDEC	GA Americus	Ron Schiller	Avenel	808
WBLJ	GA Dalton	Ron Schiller	Avenel	709
WBSM	MA New Bedford	Ron Schiller	Avenel	183
WIKB	MI Iron River	Ron Schiller	Avenel	814
WENY	NY Elmira	Ron Schiller	Avenel	167
WMFR	NC High Point	Ron Schiller	Avenel	446
WHOL	PA Allentown	Ron Schiller	Avenel	81
WCED	IL DuBois	Ron Schiller	Avenel	259
WEEX	PA Easton	Ron Schiller	Avenel	50
WERI	RI Westerly	Ron Schiller	Avenel	138
CJBQ	ON Belleville	Ron Schiller	Avenel	317

1240 kHz:				Miles
KWAK	AR Stuttgart	Ron Schiller	Avenel, NJ	1035
WKBR	NH Manchester	Ron Schiller	Avenel	221
WGVA	NY Geneva	Ron Schiller	Avenel	212
WSNY	NY Schenectady	Ron Schiller	Avenel	155

WKOK	PA Sunbury	Ron Schiller	Avenel	135
WWON	RI Woonsocket	Ron Schiller	Avenel	174
WSSC	SC Sumter	Ron Schiller	Avenel	569
WROV	VA Roanoke	Ron Schiller	Avenel	382
CJCS	ON Stratford	Ron Schiller	Avenel	395

1340 kHz:

KBTA	AR Batesville	Ron Schiller	Avenel, NJ	1000
KGLN	CO Glenwood Springs	Ron Schiller	Avenel	1741
WKIC	KY Hazard	Ron Schiller	Avenel	645
WLEW	MI Bad Axe	Ron Schiller	Avenel	500
WTSB	NC Lumberton	Ron Schiller	Avenel	488
WSTV	OH Steubenville	Ron Schiller	Avenel	334
WFBG	PA Altoona	Ron Schiller	Avenel	218
WEMR	PA Emporium	Ron Schiller	Avenel	216
CJOB	MB Winnipeg	Ron Schiller	Avenel	1275
CJQC	PQ Quebec City	Ron Schiller	Avenel	454

1400 kHz:

WSTC	CT Stamford	Ron Schiller	Avenel, NJ	51
WRHC	FL Jacksonville	Ron Schiller	Avenel	823
WIDE	ME Biddeford	Ron Schiller	Avenel	280
WDOS	NY Oneonta	Ron Schiller	Avenel	135

1450 kHz:

WNAB	CT Bridgeport	Ron Schiller	Avenel, NJ	71
WMFJ	FL Daytona Beach	Ron Schiller	Avenel	873
KIRX	MO Kirksville	Ron Schiller	Newark, DE	895
WCLI	NY Corning	Ron Schiller	Avenel	178
WHDL	LA Olean	Ron Schiller	Avenel	241
WKAL	GA Rome	Ron Schiller	Avenel	191
WHVH	NC Henderson	Ron Schiller	Avenel	370
WWRI	RI West Warwick	Ron Schiller	Avenel	163
WRNO	SC Orangeburg	Ron Schiller	Avenel	610
WLAF	TN LaFollette	Ron Schiller	Avenel	607

1490 kHz:

KTLO	AR Mountain Home	Ron Schiller	Newark, DE	937
WNLC	CT New London	Ron Schiller	Avenel, NJ	123
WTOR	VT Torrington	Ron Schiller	Avenel, NJ	105
WJBS	FL Deland	Ron Schiller	Newark	801
WMOG	GA Brunswick	Ron Schiller	Avenel	767
WSFB	GA Quitman	Ron Schiller	Avenel	855
WWNS	GA Statesboro	Ron Schiller	Avenel	699
KBLI	ID Blackfoot	Ron Schiller	Avenel	1953
WOPA	IL Oak Park	Ron Schiller	Avenel	708
WIKC	LA Bogalusa	Ron Schiller	Avenel	1105
WBEC	MA Pittsfield	Ron Schiller	Avenel	140
WESK	MI Escanaba	Ron Schiller	Avenel	743
WBFC	CA Fremont	Ron Schiller	Avenel	631
WCSS	NY Amsterdam	Ron Schiller	Avenel	165
WSSB	NC Durham	Ron Schiller	Avenel	406
WOOW	NC New Bern	Ron Schiller	Avenel	406
WRMT	PA Rocky Mount	Ron Schiller	Avenel	281
WNBT	PA Wellsboro	Ron Schiller	Newark	168
WDXB	TN Chattanooga	Ron Schiller	Avenel	711
WIKE	VT Newport	Ron Schiller	Avenel	319
WLOH	WV Princeton	Ron Schiller	Avenel	427
CKCR	ON Kitchener	Ron Schiller	Avenel	364
CFK	ON Kingston	Ron Schiller	Avenel	274
CJIC	ON Sault Ste. Marie	Ron Schiller	Avenel	648



Totals:	1230	1240	1340	1400	1450	1490	Total
Ron Schiller Avenel, NJ	14	11	13	6	10	21	75

GRAVEYARD DX UPDATE

Logged from Jan 1, 1960 to Present

* indicates record held by DXer from North America

1230 kHz:Miles

WNVY	FL	Pensacola	Ron Schiller	Lighthouse Point, FL	519
KFJB	IA	Marshalltown	Ron Schiller	Monmouth Beach, NJ	994
WBME	ME	Belfast	Ron Schiller	Monmouth Beach	(Tie) 380
KOZI	WA	Chelan	Tim Hall	Radium Hot Springs, BC	261
WCLO	WI	Janesville	Ron Schiller	Monmouth Beach	796
CYR	AB	Hinton	Tim Hall	Jasper, AB	42
CJNL	AB	Merritt	Tim Hall	Glacier National Park, MT	355
WNIK	PR	Arecibo	Ron Schiller	Monmouth Beach	1574
CMGM	CU	Jaguey Grande	Ron Schiller	Lighthouse Point, FL	267

1240 kHz:

KOFE	ID	St. Maries	Tim Hall	Radium Hot Springs, AB	229
WMKR	ME	Millinocket	Ron Schiller	Monmouth Beach, NJ	455
KCVL	WA	Colville	Tim Hall	Jasper, AB	*302
CJOR	BC	Osoyoos	Tim Hall	Jasper	270
CKBS	PQ	St.-Hyacinthe	Ron Schiller	Monmouth Beach	370
CMGW	CU	Matanzas	Ron Schiller	Lighthouse Point, FL	244

1340 kHz:

WSEB	FL	Sebring	Ron Schiller	Lighthouse Point, FL	119
WTIF	GA	Tifton	Ron Schiller	Monmouth Beach, NJ	811
WEKY	KY	Richmond	Ron Schiller	Monmouth Beach	583
WFAU	ME	Augusta	Ron Schiller	Monmouth Beach	187
WAGN	MI	Menominee	Ron Schiller	Monmouth Beach	766
KLBK	TX	Lubbock	Ron Schiller	Dallas, TX	297
CINL	BC	Ashcroft	Tim Hall	Glacier National Park, MT	391
CKARI	ON	Parry Sound	Ron Schiller	Monmouth Beach	463
XEAA	BN	Mexicali	Ron Schiller	Monmouth Beach	*2354
HJFA	CLM	Barranquilla	Ron Schiller	Lighthouse Point	1121
HRH6	HON	San Pedro Sula	Ron Schiller	Lighthouse Point	920

1400 kHz:

WPAS	FL	Zephyrhills	Ron Schiller	Lighthouse Point, FL	189
WLLH	MA	Lowell	Joe Kureth	Uniontown, MD	367
KMHL	MN	Marshall	Ron Schiller	Monmouth Beach, NJ	1145
WLTN	NH	Littleton	Joe Kureth	Uniontown	425
WSHB	NC	Raeford	Ron Schiller	Monmouth Beach	468
WVOZ	PR	Carolina	Ron Schiller	Lighthouse Point	1057
CHNL1	BC	Clearwater	Tim Hall	Glacier NP, MT	373
CKRP	BC	Princeton	Tim Hall	Jasper, AB	*260
CJEK	BC	Sparwood	Tim Hall	Glacier National Park	113
			Tim Hall	Johnston Lake, AB	(Tie) 113

1450 kHz:

WSTU	FL	Stuart	Steve Kennedy	Coal Township, PA	964
KSIG	LA	Crowley	Ron Schiller	Lighthouse Point, FL	794
KLMX	NM	Clayton	Ron Schiller	Monmouth Beach, NJ	1599
WFBS	NC	Spring Lake	Ron Schiller	Monmouth Beach	448
KCTI	TX	Gonzales	Ron Schiller	Dallas, TX	230

1490 kHz:

WANA	AL	Anniston	Steve Kennedy	Coal Township, PA	710
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RHYTHM 100.9 FM

W P A L

POWER 730 AM

KXRA	MN	Alexandria	Ron Schiller	Monmouth Beach, NJ	1141
WGCD	SC	Chester	Steve Kennedy	Coal Township	495
KNOW	TX	Austin	Ron Schiller	Dallas, TX	183
CKEN	NS	Kentville	Steve Kennedy	Coal Township	*676

Totals:	1230	1240	1340	1400	1450	1490	Total
Joe Kureth Uniontown, MD	32	35	40	43	36	41	227
Steve Kennedy Coal Township, PA	39	25	45	38	34	38	219
Ron Schiller Monmouth Beach, NJ	4	3	6	3	2	1	19
Ron Schiller Lighthouse Point, FL	2	1	4	2	1	0	10
Ron Schiller Newark, DE	0	0	0	0	1	4	5

DDXD-East

Deadlines are Tuesdays: August 3 is next.

Steve Kennedy reports a nice E-skip opening on FM on 6/20 in the late afternoon. It's a great time of year for FM DX, but don't forget that you can still hear some good DX on AM even in midsummer!

STATION NEWS

- 590 **WJMW PA Bloomsburg** – 6/2 1933 – Noted with very distorted audio here and on normal frequency of 550 kHz, with lightning and hail present in area. Later noted off through early afternoon of 6/3; at recheck 6/3 1550 back on normal 550 and gone from here. (SK-PA)
- 740 **CBL ON Toronto** – 6/19 – Played loop all day: "Here is an important message for CBC radio listeners. As of tonight, CBC radio will no longer be available on 740 AM..." then into a long run-down of CBC's FM frequencies in Ontario, and phone numbers for reception problems: (416) 205-5949 and (877) 300-5848. At 2359 announced: "This transmitter has served the community well since 1937 and has been at 740 AM since 1941. This is the end of an era in Canadian broadcasting history. Now signing off from CBL, adieu." Off at 0000, without playing O Canada! (MB-ON)
 - + 6/19 1400 – Continuous tape loop inviting listeners to tune to specific FM stations in their locality. (JR-NY)
 - + 6/19 2125 – Tape loop by female "As of tonight, CBC Radio One will no longer be available on 740 AM," followed by list of stations to tune to at midnight. (SK-PA)
 - + 6/19 2355-2359 – Woman on loop tape giving CBC FM frequencies for various Ontario cities, man gave final announcement 2358 with a bit of 740 transmitter history, "... this is the end of an era in Canadian broadcasting. Now signing off from CBL, adieu." Off at 2359 leaving mess. (HF-MI)
 - + 6/19 2359 - The last day of broadcasting, with a repeating message, "Here's an important message for CBC radio listeners. As of tonight, CBC radio will no longer be available on 740 AM. To receive CBC radio programming, please tune your radio to 99.1 FM in the greater Toronto area. If you live in the Guelph-Kitchener-Waterloo area, tune to 89.1 FM. In London, tune to 93.5 FM. In the Owen Sound area, tune to 98.7 FM. If you live in the Wingham area, tune to 93.5 or 98.7 FM. In the Midland area, tune to 89.7 FM. If you live in the Orillia area, tune to 91.5. In southern Niagara, tune to 90.5 FM. If you have any reception problems, call 416-205-5949, or you can call toll-free at 1-877-300-5548." Followed by a final announcement, "This is CBC Radio One broadcasting from the Hornby transmitter at 740 AM. In the Toronto area, we will now move to 99.1 FM, with additional frequencies throughout southern Ontario. This transmitter has served the community well since 1937 and has been at 740 AM since 1941. This is the end of an era in Canadian broadcasting history. Now, signing off from CBL, adieu." (BC-NH)
- 910 **WSUN FL Plant City** – Announcing as 50's NOS music, favorites from the 50's, some of it rock. First heard on this format in May. (BF-FL)
- 960 **WILT PA Mount Pocono** – 6/18 0020 – Canned ID "Finally, a radio station everyone can listen to for the best of the 80's and 90's, 93.5 WSBG." CHR format. Format and address change, mixing with WFIR and WELI. Only second time heard, and first time at night. (SK-PA)
- 970 **WESO MA Southbridge** – 6/26 – Has changed formats again to C&W, slogan "Country



- 970." When not live, uses same satellite service as my semi-local WYGL-1240, but I don't know which service that is. (SK-PA)
- 1110 CKTY ON Sarnia - 6/16 - New // FM sister station is CHKS, "Sarnia's best rock." Plans are for CKTY eventually to leave the air. (TS-MI)
+ 6/17 2049 - Live DJ "Sarnia's best rock, the new K-106.3." This is not AOR, but not quite a regular CHR station either. (SK-PA)
- 1140 WKWM MI Kentwood - 6/10 - Back to these calls (ex-WXBV) and now with an automated UC:OLD (ex-TLK) format. Slogan "Groovin' 1140 KWM." (PLB-MI)
- 1220 CJSS ON Cornwall - 6/13 1100 - Now // 101.9 FM, ID's as "The Valley's hottest country, 101.9 the Blaze." Has retained C&W and Broadcast News connection. (AR-ON)
- 1380 WNRI RI Woonsocket - 6/12 - Is now TLK. (SK-PA)
- 1470 WTTR MD Westminster - 5/30 2146 - Format change with ID "Carroll County's oldies station, Oldies 1470." (SK-PA)
- CHOW ON Welland - 7/2 - Now gone, as of at least today. Nothing noted on 1470 in the daytime here, though QRN-filled July is not the best time for daytime DX. (MB-ON)
- 1590 WMIM PA Mount Carmel - 6/9 2100 - Returned to the air at this time. ID was given by a guy from WISL, but by morning they had a "Sports Radio 1590, The Zone, WMIM Mount Carmel" canned ID. Now 100% One on One Sports, no local inserts of any kind other than legal ID. Dead air where the ID belongs from 6/11 to late on 6/14. I believe that WISL has taken over, running this totally by automation. (SK-PA)



UNID AND UNID HEI.P

- 740 UNID - - - - - 6/24 0200 - Fair-poor with non-stop CNN Headline News, no ID at top of hour. (MB-ON)
- 1100 UNID - - - - - 6/9 0300 - Someone here all night with NOS music under WTAM. It's not WW1 or JRN, both of which are carried here on locals which were not // . WCGA or WHLI? (SK-PA)
- 1110 UNID - - - - - 6/18 2035 - PSA for event at 940 Confederation Street in Lansing. Maybe WUNN? WJML seems too far away from Lansing. (SK-PA)
- 1290 UNID - - - - - 6/19 2151 - Heard in the mix "Right here in Blanding County on Hometown Radio." (SK-PA)
- 1550 UNID - - - - - 6/3 0140 - CNN Headline News. Could this be WVAB back to their old format? They've been on Talk America recently. Only other news station listed on 1550 is daytimer WSHN. (SK-PA)
- 1590 WATX TN Algood - Per QSL this is the One on One Sports station I was hearing before 6/9. As of 6/9 WMIM became the second One on One Sports station on 1590. (SK-PA)

LOGGINGS - 0000-0800

- 740 WMBL NC Morehead City - 6/20 0004 - Fair, "We're AM 740, WMBL" ID and NOS, over and under CHCM with CBL off. (BC-NH)
+ 6/20 0204 - CNN news, local ID, local ad, strong. CBL appears to be gone for good now. (JR-NY)
- 940 WMIX IL Mount Vernon - 6/12 0042 - Poor in fight with XEQ with Cardinals baseball // KMOX-1120. Local ads for King City Chrysler in Mt. Vernon and the Bank of Illinois. (MB-ON)
- CJGX SK Yorkton - 6/4 0122-0202 - C&W music full ID before news on the hour, "serving Saskatchewan and Manitoba, we are GX-94, CJGX Yorkton, Saskatchewan," SK #2 here. XEQ, possible Colombian and a NOS station also there, someone else with what sounded like a "KC Country" spot. (HF-MI)
- 1030 WBGS WV Point Pleasant - 6/9 0705 - "10-30 AM WBGS Point Pleasant, the ministry station," ad for home medical supplies and home oxygen. Gospel music format. (RJ-NC)
- 1050 WEVD NY New York - 6/1 0135 - "WEVD, Talk Radio New York," bubbled up through the chaos. (RJ-NC)
- 1240 WKDK SC Newberry - 6/5 0710 - ID, song "Mustang Sally." (RJ-NC)
- 1290 WDZY VA Colonial Heights - 6/20 0655 - Radio Disney format, ID at top of hour. (RJ-NC)

- 1380 WSYB VT Rutland - 6/12 0330-0358 - Bruce Williams show, short call ID, medium poor with CKLC QRM. (DT*ON)
- 1400 WPCE VA Portsmouth - 6/15 0225-0232 - REL talk show, poor with WWWS QRM. (DT*JAM)
- WOBG WV Clarksburg - 6/10 0100 - ID, then ABC news on the hour. (WM-MD)
- 1460 KKTK TX Waco - 6/26 0105 - PSA with 254 area code, ID "1460 The Ticket," back to One on One Sports. Confirms 5/12 unID. (SK-PA)
- 1480 WABB AL Mobile - 5/31 0053 - Tentative with ID as "Hot One-oh-One Five" during an ad on WISL. When music comes back on WISL, nothing can be heard underneath. (SK-PA)
- 1490 WGYM NJ Pleasantville - 6/18 0204 - Call letters, promo for "ESPN Game Night." QSL received 6/25. (SK-PA)
- WCSS NY Amsterdam - 6/3 0106 - Male ID "1490 WCSS," then "WCSS" by female. Record started (sounded like one of those ballady Bread songs), then signal lost. (SK-PA)
- CKEN NS Kentville - 5/30 0110 - Canned ID "AM 1490 CKEN" jumped up in the jumble. (SK-PA)
- 1590 WAIK IL Galesburg - 6/6 0021 - Canned ID "Everything you need to know on the Breakfast Club weekday mornings on WAIK." After listening for an hour, I'd have to call this format EZL/NOS. Either on day power or using new pattern. (SK-PA)
- 1620 KAZP NE Bellevue - 6/19 0041 - Sports program, weak under WHLY, ID as "Koil 1180." New. (JR-NY)
- 1660 WMIB FL Marco Island - Date? 0100 - Standards music, announcements every few minutes giving 1480 and 1660 ID's. (BF-FL)
+ 6/25 0103 - NOS format, ABC radio news, report on Spurs winning NBA title, // WODX-1480. First time heard. (RJ-NC)
- 1670 WRCC GA Warner Robins - 6/8 0519-0522 - Fair with C&W music and "Real Country" slogans. (MD-MA)
- 1680 WTTM NJ Princeton - 6/12 0045 - Fair with ESPN sports talk, finally coaxed legal ID out of them at top of hour: "WTTM is where you get ESPN sports updates, Sports Radio 1680, the home of ESPN." (MB-ON)
- 1700 WRUN FL Miami Springs - 6/8 0513-0516 - Fair and alone on channel with man joking around in SS and "Radio Unica" slogan. (MD-MA)
- KQXX TX Brownsville - 6/20 0351 - Tentative, rising up with ranchera music, quite strong for a few moments, as I was still digging for a KTBK ID. No announcements heard. Would be a nice one to get! (JR-NY)
- KTBK TX Sherman - 6/4 0037-0100 - Poor, mainly under KBGG, with many ESPN Radio spots, full ID just before the hour: "Sports Radio KTSK, the Ticket, KTBK Sherman-Denison." (HF-MI)
+ 6/20 0200 - Tentative, going from ESPN Stanley Cup finals to local coverage of excited Stars fans in Dallas. No ID's heard, and poor under KBGG, no sign of Miami station. (JR-NY)

WNAX 570

LOGGINGS: 0800-1600

- 550 WSVA VA Harrisonburg - 6/19 0835 - ID "This is News Radio 550, WSVA," buried under WIST. (RJ-NC)
- 1530 WFIC VA Collinsville - 6/27 1025 - Ads for radio communications store, auto parts place, station ID, C&W music. (RJ-NC)
- 1560 WYZD NC Dobson - 7/2 1300 - Combination of religious and patriotic music, quite weak. (RJ-NC)

LOGGINGS: 1600-2400

- 560 WQAM FL Miami - 6/22 2110 - Florida Marlins baseball vs. New York Mets. (WM-MD)
- WHBQ TN Memphis - 6/23 2338 - Fighting with WFIL, heard "WHBQ the Sports Authority," back to ESPN with New York vs. San Antonio NBA basketball championship, then went atop. Never heard up north before. (SK-PA)
- WJLS WV Beckley - 6/25 2335 - Dr. Kennedy's "Truth that Transforms" program, "Celebrating 60 years, WJLS," REL format. (RJ-NC)
- 600 CKAT ON North Bay - 6/24 2112 - C&W music, "CKAT Weather" and SID, poor. (DT*ON)
- 630 WPRO RI Providence - 6/24 2131-2142 - Red Sox baseball vs. Baltimore, wiped out at

		2142 by CHOG-640 splash. (DT*ON)
690	WNNT	VA Warsaw - 6/23 2045-2059 - Tentative right after WELD sign-off with sports update, C&W, then DJ spoke while in fade at 2056. Power cut at 2059 leaving dead channel. Nothing else fits. (SK-PA)
730	CKAC	PQ Montreal - 6/5 2124-2151 - Fair with talk show in presumed FF, ID "Ici Radio Media." (DT*ON)
740	WNOP	KY Newport - 6/22 2201-2303 - Poor, presumed with "Real Jazz 7-40" ID's, ad for The Cabaret on Sycamore Street in Over the Rhine (part of Cincinnati). (HF-MI)
	WMBL	NC Morehead City - 6/20 2122 - Ads for dairy in Newburg and Eye-to-Eye in Morehead City. Alone, but poor and fadey. (SK-PA) + 6/25 2206 - Poor, up suddenly with "The hits of the 50's, 60's, and 70's are here every day on AM 7-40 WMBL." (HF-MI)
	WMBG	VA Williamsburg - 6/20 0311 - ID during NOS program, under WMBL. (JR-NY)
770	WYRV	VA Cedar Bluff - 6/6 1720 - "Playing your favorite gospel songs all day long, we're 770 AM, WYRV." Took me four hours to positively ID this extreme weakling! (RJ-NC)
820	CHAM	ON Hamilton - 6/18 2306 - "That's the latest from John Michael Montgomery on 820 CHAM." (RJ-NC)
860	WAEC	GA Atlanta - 6/13 2040 - ID "8-60 WAEC Atlanta," REL format. (RJ-NC)
	WLBG	SC Laurens - 6/13 2045 - ID "Radio 86, WLBG," soul oldies format. (RJ-NC)
900	CHYC	ON Sudbury - 6/25 2214-2251 - Pop Fi music, poor, under and sometimes over CHML. (DT*ON)
910	WPFB	OH Middletown - 6/23 2235 - ID, then NOS music. (WM-MD)
940	WINE	CT Brookfield - 6/14 2153 - Canned ID "WINE, WPUIT, Real Country." Fair with loud hum. Last heard with oldies and first time heard at night. (SK-PA)
	WGFP	MA Webster - 6/19 1900 - Fair "940 WGFP Webster ... 1310 WORC Worcester" ID and One-on-One Sports, with CBM off. (BC-NH)
	WMKC	MI St. Ignace - 6/29 2211-2240 - Poor with Tigers baseball, presumed with ID only as "AM 12-40 and AM 9-40, the home of Mort Crim," rental ad for ? Express "on old 27 Indian River," mixing with XEQ and another SS station, possibly Venezuela! (HF-MI)
	WLJM	OH Lima - 6/10 2243 - Canned ID's first by male "Keeping it smooth and mellow, the way you want it, on 940 AM" and then by female "It's the soul of the city, WLJM Lima." Good over new pest WMIX, last heard as WCIT. (SK-PA)
	WADV	PA Lebanon - 6/4 2105 - Good with USA news, quick ID, and Solid Gospel, with CBM off. (BC-NH) + 6/13 2200 - Fair with USA Radio Network news, ad for a gospel music publisher with Internet site at solidgospel.com, ID as "WADV Lebanon," still there at 2300 recheck. Must have been on 1 kW day power, listed as 5 watts nights. (MS-ON)
		GALLATIN'S FAVORITES 1130-WAMG
980	WONE	OH Dayton - 6/29 2157-2210 - Poor with jazz to ABC news at top of hour, ID "WONE AM 9-80 and 13-40," into NOS. Fighting with ESPN and Tigers baseball stations. (HF-MI)
1030	WQSE	TN White Bluff - 6/25 2205 - ID "Your radio is tuned to the right spot, 10-30 AM WQSE, White Bluff, Tennessee," GOS format. Was neck and neck with WBZ, 250 watts? (RJ-NC)
1110	WPMZ	RI East Providence - 6/18 2024 - Canned bassy voiced ID in EE by SS-accented male "WPMZ East Providence, Poder 1110." More SS music, then same ID at 2028:30. Disappeared at 2030; per QSL received 6/25 they simply signed off without announcement. I've been after this forever, and here it is - perfectly clear! (SK-PA)
1200	WTLA	NY North Syracuse - 6/9 2141-2155 - OLD?, ID as "Star Network WTLA, WSGO, WTLA," poor under CJBZ. (DT*ON) [Last one is WTLB? - DY]
1240	WTME	ME Lewiston - 6/5 2100 - Over, under WBUR with "Talk for Maine, the Talk America Radio Network, WTME, Lewiston," into USA news. (RJE*ME)
	WVOS	NY Liberty - 6/10 2136-2150 - Various pop music, promo for contest "right here on WVOS," poor with WATN QRM. (DT*ON)
	CJRW	PI Summerside - 6/10 2025 - In the clear with ID "All Hit Country, Radio 1240 CJRW," then music. (RJE*ME)

1260	WNSS	NY Syracuse - 6/10 2120-2138 - News and talk, weather, ID, poor with WRIE QRM. (DT*ON)
	WMIH	OH Cleveland - 6/10 2207-2232 - KID pop music, poor under WRIE. (DT*ON)
1310	WLOB	ME Portland - 6/12 2135-2201 - REL talk show from Bob Jones University, poor with QRM from WCGR. (DT*ON)
1360	WMNS	NY Olean - 6/12 2236-0005 - Buffalo Sabres hockey vs. Dallas, sports news poor, in QRM. (DT*ON)
	WGEE	WI Green Bay - 5/31 2332 - Canned call ID, then return to Jim Bohannon, in the mix. QSL received 6/21. (SK-PA)
1380	WAMS	DE Wilmington - 6/12 2000 - Partial ID "1380 WAMS ...," then jumped over by WKDM. With semi-local WMLP off the air all day, this was a big mix. Last DE needed, giving me my first complete state all logged from this location. (SK-PA)
1400	WLTN	NH Littleton - 6/7 2027 - Red Sox baseball, ID, and local ad, over and under WLLH. (RJE*ME)
1410	WDOV	DE Dover - 6/17 1958-2032 - Loud & clear way atop channel with minor league baseball, Wilmington Blue Rats(?) [Blue Rocks, I think - DY] vs. Lynchburg Hill Cats(?). ID 1959: "This is Delaware's number one for news and talk, News Radio 14-10 WDOV, Dover." WPOP finally took control of the channel 2032 with Yankee baseball. (MD-MA)
1420	WNRS	NY Herkimer - 5/31 2000 - Missed ID but heard "One on One Sports Flash" jingle. Per QSL received 6/25, it's the only One on One Sports station on 1420. (SK-PA)
	WLNA	NY Peekskill - 6/24 2200 - Vermont Expos vs. Hudson Valley Renegades minor league baseball. (WM-MD)
1450	WKXL	NH Concord - 6/7 2028 - Red Sox baseball, ID, and weather, over and under WRKD, WKTQ. (RJE*ME)
1470	WKAP	PA Allentown - 6/5 2105 - Fair, ABC news, "1470 WKAP ... good songs, great memories" ID and WW1 NOS. (BC-NH)
	CHOW	ON Welland - 5/30 2146 - Canned ID "Today's country, the new 91.7." Now when will we be rid of this pest? (SK-PA) [See above! - DY] + 6/4 2140 - Good with contest promos, weather, "The new spirit, 91.7 FM" and "Today's country, 91.7" ID's, over WZOU. (BC-NH)
1480	WADR	NY Remsen - 6/12 2120 - Good; promo for Mike Gallagher talk show, ID's for "The Stars Radio Network" on 1350, 1480, and 1550, and "AM 1350 WRNY," WW1 NOS. (BC-NH) + 6/21 2152-2204 - NOS music, ID as "Home of the stars, WRNY Rome, WUTQ Ulica, and WADR Remsen," news at 2300, fair. (DT*ON)
1490	WHAU	MA Haverhill - 6/7 2037 - Likely the one here with SS over, under CKEN, WMRC. (RJE*ME)
	WMRC	MA Milford - 6/7 2037 - Red Sox baseball, ID over, under CKEN, WHAV. (RJE*ME)
	WOLF	NY Syracuse - 6/15 2350 - Presumed with kid or cartoon character yelling out "Radio Disney" under Phillies game on presumed WBCB. (SK-PA)
1500	WKIZ	FL Key West - 6/21 1650 - Running R. Unica programming, with canned ID's twice every top of hour by heavily accented man, sounding more like "WKIC" with the accent. The ID in SS claims that the station serves Key West, Cuba, and the Caribbean, though as weak as they are, they'd best just stick to claiming Key West. WKWF-1600 continues with satellite EE sports format, much better signal than WKIZ in the Keys. (TLK*FL)
1520	WARR	NC Warrenton - 6/13 1840 - "Willie C. the D.J." was promoting Carter's Lounge in Warren County, featuring performer Charles Robinson. Black UC format. (RJ-NC)
1530	WLSP	MI Lapeer - 6/22 2015-2018 - End of sports show, full sign-off information, poor. (DT*ON)
1550	WBSC	SC Bennettsville - 6/13 1830 - ID "This is WBSC, 1550 on your AM dial," GOS format. Broke into the clear when WBFJ signed off. (RJ-NC)
1570	WISP	PA Doylestown - 6/22 2203-2225 - REL talk show, ID as "WISP Doylestown," poor in QRM. (DT*ON)
1640	WKSH	WI Sussex - 6/4 2140 - ID, promo, then Christian music. (RJE*ME)
1650	WHKT	VA Portsmouth - 6/5 2045 - Tidewater Tides baseball, ID, weak but readable.

(RJE*ME)

+ 6/12 2359 - Good, "This is the Big Cat, AM 1650 WHKT Portsmouth" and sign-off with phone number (757) 488-1010 for comments on programming, leaving KDNZ-IA in the clear. (BC-NH)

- 1680 WTTM NJ Trenton - 6/4 2130 - With ESPN promo and ID, much stronger than in PA - must feed due north! WJNZ only gave it trouble briefly later, right around WJNZ sunset. (RJE*ME) [All the X-banders are non-directional; see my comments an issue or two back on the relatively weak local signals many of us are noticing on the X-band. - DY]
- 1690 WPTX MD Lexington Park - 6/4 2125 - Usual talk programs, also stronger than is heard in PA. (RJE*ME)

TIS AND MISCELLANEOUS

- 530 TIS FL Florida City (Tropical Everglades Visitors Center) - 6/20 1526 - Signal is very limited these days, heard only near the Visitors Center on U.S. 1. (TLK*FL)
- TIS FL Fort Myers (SW Florida Int'l. Airport) - 6/20 0911 - Usual man and woman long parking loop, excellent at Exit 21 on I-75. (TLK*FL)
- TIS FL J. N. "Ding" Darling National Wildlife Refuge - 6/20 0911 - Very poor under Fort Myers TIS with man and woman loop. Nominally // 1610 Refuge TIS unheard here. (TLK*FL)
- TIS FL Key Largo (John Pennkamp Coral Reef State Park) - No trace of this at the parking lot on the way down or back. However, this has always been very low power and highly irregular. (TLK*FL)
- TIS FL West Summerland Key (Key Deer National Wildlife Refuge) - Not active on the way down or back, either. (TLK*FL)
- 870 WGW861 FL Key West - 6/21 1257 - Woman with parking info, strong at Long Key SRA, and subsequently throughout most of the Keys. (TLK*FL)
- 1580 TIS FL Ochopee (Wooten's Nature Tours) - 6/20 1015 - No trace of this one at the parking lot, presumed tostada. (TLK*FL)
- 1610 TIS FL Key Largo (Florida Bay Research Radio) - 6/21 1250 - Good with usual snippet of "Margaritaville" and Jimmy Buffett telco voice segment, Norman Schwartzkopf enviro-fishing segment, etc. Stopped by the Key Largo Visitors Info Center, where I found the same nice, older lady who confirmed my prepared card two years ago and gave me a nice fishing guide (then offered on the radio). She vaguely remembered me, but said she hadn't had any 1610 inquiries since the booklets ran out many months ago. I believe her name is Dee. (TLK*FL)
- TIS FL Shark Valley (Everglades National Park) - Sign reading "Park Info 1610" noted on U.S. 41 (Tamiami Trail) several miles east of the visitors center (formerly home to a 1610 TIS, but unheard at the gates). No trace of anything on 1610 here, save for weak trace of Florida Bay Research Radio. Sign is almost across from the Vallyjet Memorial at Lock S-33. Don't know what it was intended for, since it is posted eastbound and well east of Shark Valley. (TLK*FL)
- 1620 UNID - - 6/16 0012 - Tape loop with male and female, giving weather and wind speed in knots. Mentions Philadelphia, Long Island Sound, and New Jersey. Only heard when WHLY is poor or in fade, provided WPHG isn't also there. (SK-PA)

INTERNET UPDATES

News from Scott Fybus's "Northeast Radio Watch," used by permission:

WJIB-740-MA owner Bob Bittner was scheduled to give a eulogy to CBL at 2011 on 6/19, then to sign WJIB off the air for the evening to give Boston listeners one last shot at hearing Toronto. WELI-960-CT is rearranging its schedule and budget to add Rush Limbaugh as of 6/14: Roger Vann has left the mid-morning show, Dr. Laura moves to 1500-1800, and afternoon host Tad Baldwin's future is uncertain. WNEB-1230-MA is relaying the "J-Light" Christian contemporary format that's been heard on WJLT-1060. WAVZ-1300-CT is losing much of its local programming to make room in co-owned WELI's budget for Rush: Ron Rohmer, 68, who has spent more than four decades at WAVZ and WELI, has been fired from the morning show. WPOR-1490-ME became adult standards WBAE "The Bay" on 5/24. WNRB-1510-MA has a new day pattern, taking advantage of the demise of the co-channel New London CT station. "WLXW"-1680-MA is a Worcester pirate station that's even listed in this year's phone book!

ADDRESS UPDATES:

- 640 WCRV TN Collierville - 555 Perkins Road Ext., Suite 201, Memphis TN 38117. (SK-PA)
- 960 WILT PA Mount Pocono - c/o WSBG, 22 South Sixth Street, Stroudsburg PA 18360. (SK-PA)
- 1040 WWBA FL Pinellas Park - 1408 North West Shore, West Shore Boulevard Suite 116, Tampa FL 33607; (813) 281-1040. (SK-PA)
- 1330 WANG NC Havelock - 331-B West Main Street, Havelock NC 28532; (252) 514-2220. (SK-PA)
- 1370 WKMC PA Roaring Spring - 1345 South Main Street, Roaring Spring PA 16673. (SK-PA)
- 1400 WBTV NC Beaufort - P. O. Box 1019, Morehead City NC 28557; (252) 240-1400. (SK-PA)
- 1490 WCSS NY Amsterdam - River Front Center, Amsterdam NY 12010. (SK-PA)
- 1700 KTBK TX Sherman - Handwritten on QSL envelope: 5500 Maple Avenue #160, Dallas TX 75219. Also applies to KTCK-1310. (SK-PA)

REPORTERS

- | | | |
|--------|-----------------|---|
| PLB-MI | Phil Boersma | Spring Lake MI - Station news |
| MB-ON | Mike Brooker | Toronto ON - RF-2200, RFB-45 |
| BC-NH | Bruce Conti | Nashua NH - R8A, MWDX-5, 100' LW, E sloper |
| MD-MA | Marc DeLorenzo | Auburndale MA - NRD-525, Quantum loop |
| RJE*ME | Russ Edmunds | DX'ing in Jonesport ME - Car radio, whip |
| BF-FL | Bob Foxworth | Tampa FL - Station news |
| HF-MI | Harold Frodge | Midland MI - R71A, MFJ956, 85'/185' RW's |
| RJ-NC | Russ Johnson | Lexington NC - Superadio III, RS 12-174, Sony 2010, Select-A-Tenna, 160m. inverted vee, LWs |
| SK-PA | Steve Kennedy | Coal Township PA - Superadio III |
| TLK*FL | Terry Krueger | On the road in the Florida Keys - Car radio, YB-400 |
| WM-MD | William McGuire | Cheverly MD - DX-380, Superadio III, Select-a-Tenna |
| JR-NY | Jim Renfrew | Rochester NY - R8, R. West Loop |
| AR-ON | Andy Rugg | Cornwall ON - Station news |
| TS-MI | Tom Sanders | Lexington MI - Sony 2010 |
| MS-ON | Morris Sorensen | Scarborough ON - R8, DA9 ferrite loop |
| DT*ON | Don Trelford | Summering in Ajax ON - DX-440 |

Logbook helper

The NRC's *AM Radio Log* is in need of some help with some conflicting reports on format, networks and other information that is needed to help keep it current Listed by State. If you can help, thanks! If you can pass the question on to someone who can thanks also! Please DO NOT quote other peoples' info from *DX News* or *DX Monitor*. That's where most of the conflicts came from!

Also include any lists you care to send of YOUR local stations, their current hours of operation, format, networks (or talk shows), and current phone and address. Don't worry if you think it's redundant. Many entries haven't been confirmed in YEARS.

Many thanks for the help! 73 Wayne Heinen
<<nrclog@aol.com>> NRC AM Radio Log Editor
AZ - KGME-550 KOY-1230 KFDJ-1360 Need to confirm Addr & Phone KFDJ-1360 Format and Nets
AR KDDA-1560 Dumas Art Bell says 24hr w/his programs...
Format anyone?

CA KNEW-910 Oakland New Phone KCLB-970 Coachella
Format and Networks KNCR-1090 Fortuna Phone KCTC-1320 Sacramento Phone
FL WCRM-1350 Current format is ??? WBZR-1120 Destin Address & Phone WELX-1160 Callahan Address & Phone WXPQ-1530 Address & Phone
MA WFPB-1170 New Phone Number
MN WVAL-800 Sauk Rapids Addr/ Phone/Networks
MT KSEN-1150 New Slogan "Wide Open Country" - New Country Format too?
NC WRDG-1400 Greensboro Address & Phone
PA WWCH-1300 Clarion Format these days Is? WPHB-1260 Philipsburg - Format and hours of operation
SC WPFM-1350 Darlington Address & Phone
WY KKTL - Addr & Phone



AM 910
WJCW
INFORMATION RADIO

International DX Digest

Jim Renfrew JimRenfrew@delphi.com

61 Wilcox Street
Rochester, NY 14607-3832

Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

Well, a lengthy column this time. I guess that's what happens when there is a full month since the last deadline! I haven't been listening much on AM, although 690, 740, and 940 (and adjacent 9 kHz channels) will become increasingly interesting as the noise begins to abate at the end of the summer. However, the gentlemen out there on the coast are still pulling them in (DX, not fish!).

Summer IDXD deadlines: August 1, and September 5. My apologies for the awful allusions!

TRANS-ATLANTIC DX

Jim

- 531 ALGERIA Ain-el-Beida, JUN 23 0242 - Fair with AA music and AA talkers, but much weaker than // 549. [Dangerfield-PA]
- 549 ALGERIA Les Trembles, MAY 31 0200 - female pop-style AA vocal with strings & drum, then man with AA announcement, music fanfare followed by AA news by woman; loud. MAY 31 0400 - time pips, AA news by woman; fair. [Connelly*H-MA] JUN 12 0213 - AA talkshow / interview; to good peak. [Connelly*O-MA] JUN 23 0245 - Good with AA music and AA talkers and an easy split from 550. //to 531. [Dangerfield-PA]
- 558 SPAIN RNE5 synchros, JUN 12 0215 - SS talk; poor in WGAN slop. [Connelly*O-MA]
- 567 IRELAND RTE, Tullamore, JUN 12 0217 - folk vocal, then the female DJ mentioned that it was written by Joni Mitchell; EXCELLENT local-like signal! [Connelly*O-MA]
- 585 SPAIN RNE1, Madrid, JUN 12 0218 - man in SS; to good peak over VOCM splash with WEZE phased. [Connelly*O-MA] JUN 23 0234 — Very strong with drama and music. Hadn't been heard all summer. [Dangerfield-PA]
- 603 SPAIN RNE5, Sevilla / Palencia, JUN 12 0220 - // 585 with calm-voiced man in SS; over a weak 603.5 het of unknown origin. [Connelly*O-MA]
- 612 IRELAND Athlone, JUN 12 0221 - EE talk, dance-rock music; very good, over a cluster of others. [Connelly*O-MA]
- 612 MOROCCO Sebaa Aouin, JUN 24 0215 - Very strong with woman in AA and AA music. Has this station been off? [Dangerfield-PA]
- 621 CANARY ISLANDS // SPAIN RNE1 synchros, MAY 31 0206 - SS news; fair. [Connelly*H-MA] JUN 12 0222 - absolutely HUGE (much stronger than the 620 kHz stuff) with SS newstalk by man. [Connelly*O-MA]
- 621 unID JUN 12 0229 - maybe Egypt here with bits of AA-style string music; way under Canaries. [Connelly*O-MA]
- 639 SPAIN RNE1, La Coruna, JUN 12 0223 - // 621 with SS talk; good, splittable from strong CBN-640 classical music program. [Connelly*O-MA]
- 648 SPAIN RNE1, Badajoz et al., JUN 12 0224 - SS // 621 occasionally surfaced over a pile-up of co-channel stations. [Connelly*O-MA]
- 657 SPAIN RNE5, Madrid, JUN 12 0224 - // 621 with man in SS; fair. [Connelly*O-MA]
- 675 NETHERLANDS R. Ten Gold, Lopik, MAY 21 2341-2346 - Mushy '70's tunes, ID and chat in Dutch; unfortunately no sign of the special broadcast from new NRK Rost; SIO 333 [Burnell-NF] JUN 24 0150 - Fair with pop music. [Dangerfield-PA]
- 684 SPAIN RNE1, Sevilla, MAY 28 0129 - calm SS talk by man; good with WRKO phased. [Connelly*R-MA] JUN 12 0230 - // 621 with SS discussion program; good. [Connelly*O-MA] JUN 24 0152 - Strongest signal in weeks. The usual man and woman in SS [of course] in good detail. [Dangerfield-PA]
- 693 UNITED KINGDOM BBC, Droitwich et al., JUN 12 0231 - EE talk by man; poor to fair over Azores. [Connelly*O-MA]
- 693 AZORES Santa Barbara, JUN 23 0255 - All alone here with a good signal with pop music and male and female vocals. [Dangerfield-PA]
- 738 SPAIN RNE1, Barcelona, JUN 12 0237 - two men talking in SS; good signal. [Connelly*O-MA]
- 747 NETHERLANDS Flevoland, MAY 28 0132 - rock music, apparent Dutch talk; poor. [Connelly*R-MA]
- 774 SPAIN RNE1 synchros, JUN 12 0241 - // 621 with some kind of

BBC RADIO SHROPSHIRE

- electronic Muzak (space age cocktail music), then man & woman in SS; to good peak. [Connelly*O-MA]
- 792 SPAIN SER, Sevilla, JUN 12 0244 - // 1044 with SS discussion; good. [Connelly*O-MA]
- 836 AZORES RDP, Pico da Barrosa MAY 28 0135 - soft music; poor, over 837 het. [Connelly*R-MA] JUN 12 0146 - "Joy to the World" by Three Dog Night: light audio, but the signal was so huge that low modulation was not a problem. [Connelly*O-MA] JUN 23 0255 - Weak but // to 693 with pop songs and vocals and separable from 837. [Dangerfield-PA]
- 837 CANARY ISLANDS // SPAIN COPE synchros, JUN 12 0147 - SS talk; QRM'ed by Azores-836. [Connelly*O-MA]
- 837 ENGLAND BBC Asian Network, Freeman's Common, JUNE 3 0052-0111 - All news items in Hindi or similar language; Spain reduced by phasing (Azores are on 836 these days), SIO 322 [Burnell-NF].
- 837 ENGLAND BBC Radio Cumbria, Barrow in Furness, JUNE 3 0059-0111 - BBC network programming // 909; generally weaker than Asian Network, SIO 222-1 [Burnell-NF].
- 855 SPAIN RNE1, Murcia et al., JUN 12 0153 - // 1107 with dramatic SS talk by man over a guitar accompaniment; to good peak. JUN 12 0249 - SS talk; now STRONGER THAN WEEI-850! [Connelly*O-MA] JUN 24 0138 - Best of this one for a while with woman, man talking, Perhaps the Santander transmitter which puts out such a good daytime signal in the south of England. [Dangerfield-PA]
- 873 SPAIN SER R. Zaragoza, Zaragoza, JUN 12 0149 - SS teletalk // 1044; fair to good. [Connelly*O-MA]
- 882 CANARY ISLANDS // SPAIN COPE synchros, JUN 12 0149 - // 837 with man & woman in SS; over others. [Connelly*O-MA]
- 891 ALGERIA Algiers, JUN 12 0313 - AA vocal; stopped. [Connelly*O-MA]
- 936 SPAIN RNE5 synchros, JUN 12 0312 - // 855 with romantic female vocal; fair. [Connelly*O-MA]
- 954 SPAIN R. Espana, Madrid, JUN 12 0312 - SS teletalk; to good peak. [Connelly*O-MA]
- 999 SPAIN COPE, Madrid, JUN 12 0311 - excited SS talk by woman; to good peak. [Connelly*O-MA]
- 999 ENGLAND Magic 9-90, Preston, JUNE 2 2343-0003 - Phone-in program, ads at 2350, Independent Radio News 0000-0002, slogans heard at 2344, 2348 and 0002; SIO 322 with Madrid nulled by phasing [Burnell-NF].
- 999 ENGLAND BBC R. Solent, Fareham, JUNE 2 2343-0003 - Phone-in mixing with Magic 9-90's phone-in but callers seemed 30 years older; SIO 222 [Burnell-NF].
- 1008 CANARY ISLANDS Las Palmas, R. Las Palmas / RadioVoz, JUN 12 0115 - SS teletalk (not / / 1044); good with WINS nulled. [Connelly*O-MA]
- 1017 ENGLAND Classic Gold 1017, Shrewsbury, JUNE 3 0037 - Presumed; bits of British ads poking through the German's pop music; SIO 222-1 [Burnell-NF].
- 1026 SPAIN SER synchros, JUN 12 0310 - // 1044 with SS news by man & woman; good. [Connelly*O-MA]
- 1035 PORTUGAL R. Nacional, Lisboa, JUN 12 0121 - '50s-influenced PP vocal; to fair peak. [Connelly*O-MA]
- 1044 SPAIN SER synchros, MAY 28 0138 - SER SS teletalk by man & woman; fair. [Connelly*R-MA] JUN 12 0124 - man & woman with SS discussion, some synchro-echo present. Excellent signal. [Connelly*O-MA]
- 1053 MOROCCO Tanger, MAY 27 2331 - AA talk fragments and het building against WEVD on pre-sunset fade-up. [Connelly*R-MA]
- 1053 SPAIN COPE, Zaragoza / Castellon, JUN 12 0126 - man & woman SS talk, interlude of jazz, then more talk; dominant. [Connelly*O-MA]
- 1071 SPAIN EI, Bilbao, JUN 12 0151 - male folk vocal and guitar; excellent. [Connelly*O-MA]
- 1098 SPAIN RNE5 synchros, JUN 12 0129 - fast SS talk; in & out of jumbly mess and growl. [Connelly*O-MA]
- 1107 SPAIN RNE5 synchros, MAY 28 0104 - news by woman in SS; to good peak over others. [Connelly*R-MA] JUN 12 0130 - SS talk; getting badly dumped-on by Carupano-1110. [Connelly*O-MA]
- 1107 SCOTLAND Moray Firth R., Inverness, MAY 22 0019-0025 - Presumed; "Good times, great oldies, 'Classic Gold'" slogans over/under Spain and TalkRadio; SIO 322 [Burnell-NF]
- 1125 SPAIN RNE5 synchros, JUN 12 0135 - // 1098 with fast SS talk; fair. [Connelly*O-MA]
- 1134 CROATIA HR, Zadar, MAY 28 0049 - Slavic folk group vocal

**Signal
Radio**

- (Mystere Des Voix Bulgares or similar); over Spain. [Connelly*R-MA]
 1134 SPAIN COPE synchros, MAY 27 2356 - SS teletalk with man & woman. [Connelly*R-MA]
 JUN 12 0134 - SS teletalk; excellent & dominant. [Connelly*O-MA]
 1152 SPAIN RNE5 synchros, MAY 27 2357 - man with fast SS talk; through remnants of phased
 WNFT-1150. [Connelly*R-MA] JUN 12 0137 - SS man & woman, then vocal & guitar // 1098;
 to very good peak. JUN 12 0156 - HUGE with vocal duet and acoustic guitar, // 855.
 [Connelly*O-MA]
 1152 SCOTLAND Clyde 2, Glasgow, MAY 22 0028-0033 - Oldies, Scottish-accented DJ gave weather
 at 0030, "11-52 Clyde 2" and "The greatest hits of all time" slogans; SIO 333 [Burnell-NF]
 1161 SPAIN EI, San Sebastian, JUN 12 0138 - bits of SS vocal; poor, in slop. [Connelly*O-MA]
 1179 CANARY ISLANDS // SPAIN SER synchros, MAY 27 2337 - fade-up about 30 min. before
 sunset. [Connelly*R-MA] JUN 12 0140 - fair with woman in SS // 1044. [Connelly*O-MA]
 1197 SPAIN EI, Vitoria, JUN 12 0152 - // 1071 with folk vocal & guitar; poor. [Connelly*O-MA]
 1215 UNITED KINGDOM Virgin R. synchros, MAY 28 0100 - EE headline news mentioning
 Milosevic; to fair peak over Spain. [Connelly*R-MA]
 1224 SPAIN COPE synchros, JUN 12 0147 - // 837 with woman in SS; mixed with unID rocker
 that may have been Netherlands. [Connelly*O-MA]
 1251 LIBYA Tripoli, JUN 12 0159 - AA man and interspersed AA orchestra (strings, percussion);
 good. [Connelly*O-MA] JUN 15 0315 - Very good with woman and man speaking in AA.
 Has been a regular most nights. [Dangerfield-PA]
 1296 SUDAN Reba, JUN 12 0255-0302 - an interval signal of approximately 11 notes kept repeat-
 ing from 0255 to 0300: the signal gained strength all the while. A few times Spain was noted
 in the background, but Sudan was fully dominant and loud at 0300 when AA announce-
 ments were made by a man. A stern-sounding male Koranic vocal with slight reverb (per-
 haps echoey room acoustics) came on at 0302 UTC: the signal was massive (way over S9)
 at the time. This was the highlight of the night's DX session. [Connelly*O-
 MA] (How about the highlight of the year? Decade? - Jim)
 1305 SPAIN RNE5 synchros, JUN 12 0200 - // 1107 with SS news; in
 messy QRM. [Connelly*O-MA]
 1332 IRAN IRIB, Tehran, MAY 21 2350-2358 - Tentative, not // 1566; Ko-
 ran, talk, and music on oboe-sounding instrument; SIO 322 over/
 under Brit stn(s) [Burnell-NF]
 1359 SPAIN Arganda, MAY 27 2340 - rambling SS chat; through phase-
 nulled WLYN splatter. MAY 28 0012 - woman in SS, then a music segment; some CKBC
 QRM. MAY 28 0034 - now really loud! [Connelly*R-MA]
 1422 ALGERIA Algiers, MAY 28 0018 - AA music; in slop. [Connelly*R-MA]
 1476 ENGLAND County Sound, Guildford, MAY 21 2333-2340 - '60's tunes, DJ was Teddy Johnson;
 SIO 443 [Burnell-NF]
 1485 SPAIN SER synchros, MAY 28 0019 - SS newstalk; poor. [Connelly*R-MA] JUN 12 0205 -
 poor with SS news. [Connelly*O-MA]
 1512 SAUDI ARABIA BSKSA, Jeddah, JUN 12 0208 - AA vocal just getting through tough WNRB
 slop. 1521 had a monster carrier at the time on pre-sign-on warm-up. [Connelly*O-MA]
 1530 VATICAN R. Vaticana, JUN 12 0305 - eastern European language news by man & woman;
 mixed with WSAI. Other signals behind these two may have been Sao Tome, Latin Ameri-
 cans, or domestics. [Connelly*O-MA]
 1530 ENGLAND West Yorkshire Classic Gold, Huddersfield, JUNE 3 0202 - News ends, ID, '60's
 pop tune; SIO 333, sometimes mixing with often // Worcester station [Burnell-NF]
 1548 KUWAIT VOA, Kuwait City, MAY 28 0022 - US sportstalk; over/under unID British station.
 [Connelly*R-MA]
 1550 ALGERIA RASD Clandestine, Tindouf, MAY 27 2344 - AA chant; in and out of jumble with
 domestics. [Connelly*R-MA]
 1566 IRAN IRIB, Bandar Abbas, MAY 21 2322-0006 - Monitored intermittently with Koran then
 talks in Farsi; SIO 433 [Burnell-NF]
 1566 INDIA AIR, Nagpur, MAY 21 2322-2332 - Repetitive chanting under Iran, faded up just be-
 fore 2330 with pips at 2330 and woman with news in Hindi; SIO 322 [Burnell-NF]
 1575 CLANDESTINE "Al Mustaqbal," MAY 21 2317 - Iraqi pop music, ID, classical music with
 AA talk, woman with talk about human rights in Iraq; SIO 443 over Spain [Burnell-NF]
 1575 SPAIN SER synchros, MAY 28 0023 - echoey SS teletalk; over AA-sounding unID second
 station. [Connelly*R-MA]
 1584 SPAIN SER synchros, MAY 28 0024 - // 1575 with SS teletalk by man & woman; good. The
 Ceuta - 1583.65 het was in the background this time. [Connelly*R-MA] JUN 12 0211 - SS



- woman // 1044; fair with receiver on upper sideband: 1.8 kHz bandwidth to dodge the
 Ceuta het. [Connelly*O-MA]
 1593 unID MAY 28 0024 - possibly Egypt here with bits of Middle Eastern sounding string music;
 hacked by WARV-1590 and WUNR-1600 slop. [Connelly*R-MA]
 1638.00 NETHERLANDS unID Pirate, MAY 22 0041-0059 - Schmalzty Dutch and German songs,
 operator spoke Dutch but his intonation was so sloppy that I couldn't decipher the ID and/
 or address (included "Kilo Tango") at 0051; SIO 343 This is likely Radio Monte Carlo, a 150-
 watt station in the Netherlands. Thanks to Derek Taylor in the UK for helping with this one.
 [Burnell-NF]

PAN-AMERICAN DX

- 555 ST. KITTS & NEVIS ZIZ, Basseterre, MAY 31 0205 - Dr. Hook oldie "Sharing the Night
 Together". [Connelly*H-MA] JUN 12 0213 - soca party music; good. [Connelly*O-MA]
 590 HONDURAS R America, San Pedro Sula, JUN 14 *1012-1015 - abruptly on atop the XE with
 recorded "Ésta es R America, Cadena Nacional... Honduras..." by M, studio phone number
 and into ads. Good. [Krueger-FL]
 590 CUBA R Musical Nacional, Santa Clara, Villa Clara, 1041-1107 - transmitter finally up by this
 frequency recheck, running Rebelde net pre-s/on programming filler as usual. Rebelde
 audio slowly potted down 1059, into harps at 1100, then vocal NA, male announcer with
 "Muy buenos días..." R Musical Nacional ID and net particulars, into classical music. Excel-
 lent. [Krueger-FL]
 590 MEXICO XEPH Sabrosita, Mexico, DF, JUN 14 0940-1015 - nice tropicales, in fact first thought
 it was the Cuban Musical Nacional transmitter running another net overnight, but alas no
 parallels. Autopilot format with woman's canned voice "Sabrosita" and sometimes TC's
 after every couple of songs, or atop. Missed formal ID ToH while tuning elsewhere. Excel-
 lent. [Krueger-FL]
 600 NICARAGUA R Ya, Managua, JUN 14 0957-1000 - Tune-in to woman's canned "Ya, Ya, Ya,
 Ya, Ya, Ya, Ya, Ya, Ya" (maybe more) and man with station promo, more loopy "Ya's." Might
 have been end of s/on segment. Very good. [Krueger-FL] (If this ID seems odd, "ya" means
 "now" or "right now" in Spanish -pls.)
 640 CUBA R Progreso JUL 6 1910 - Good; "...en la onda de la alegría" ID, also very listenable on
 the car radio while driving around Tampa. [Conti-FL]
 650 COLOMBIA RCN Antena Dos, HJKH, Bogotá, MAY 31 0207 - Colombian news in SS; through
 660 slop. [Connelly*H-MA]
 670 CUBA R Reloj, unknown site, JUN 14 1016-1250 - new
 here, local level but with a bad 60 cycle hum (eventually
 cleared up). At first, thought this might be ex-950 Sancti
 Spiritus powerhouse, as it appeared to be silent. However,
 very weak Reloj net noted on 950 at 1150+ mixing with
 distant domestics. Maybe still the 950 transmitter, though
 more checks of 950 needed to confirm not a low-power
 fluke. [Krueger-FL] JUL 7 0145 + 0235 - Good; man and
 woman with news items, Radio Reloj IDs with time checks,
 syncopated clock, RR code IDs,
 etc., the R.Rebelde-Arroyo Arenas site? [Conti-FL]
 680 PUERTO RICO WAPA, San Juan, JUN 12 0229 - SS sports coverage with mentions of Puerto
 Rico and San Juan, then a brief 'cerveza' ad was inserted. Under nulled WRKO Boston.
 [Connelly*O-MA]
 690 ANGUILLA Caribbean Beacon, The Valley, JUN 12 0227 - US EE preaching; monster signal,
 way over Latin Americans. [Connelly*O-MA]
 700 JAMAICA RJR, Montego Bay, JUN 12 0239 - reggae vocal, then Carib-EE talk by man; slightly
 over 2 or more SS Latin Americans. [Connelly*O-MA]
 700 HONDURAS HRGP R Reloj, Tegucigalpa, JUN 14 1032-1039 - presume the WRTH99-listed
 "HRGP Hacer Radio" entry with a new slogan. Tune-in to "... 700 kHz A-M... Desde Hondu-
 ras... R Reloj..." into promo for event on Saturday, more ads, live male dj "R Reloj... en... de
 Honduras." Very good. [Krueger-FL]
 705 ST. VINCENT & THE GRENADINES Kingstown, JUN 12 0235 - Caribbean EE talk by man,
 then a mellow Caribbean romantic vocal with '50s street-corner doo-wop influences; fair.
 [Connelly*O-MA]
 730t MEXICO XENY Caborca, SON, MAY 29 1216 - playing "All that she wants is another baby"
 then ID as "This is Radio Geny" and then playing "Copacabana" by Barry Manilow. Either
 XENY moved or someone is relaying them here. Sun was coming up so I was unable hear to



- the half hour due to fade out. [Danneskjold-AZ]
 730 CUBA R.Progreso, La Fe JUL 7 0230 - Good; drama // 640, 880, etc. [Conti-FL]
 800 NETHERLANDS ANTILLES Trans-World Radio, PJB, Bonaire, JUN 12 0242 - US black preacher in EE; excellent signal. [Connelly*O-MA]
 830 ST. KITTS & NEVIS TBN, Basseterre, MAY 31 0215 - // 7510 with hymn; over/under WCRN. [Connelly*H-MA] JUN 12 0246 - EE preaching that mentioned the creation of the Tigris and Euphrates rivers; way over WCRN/YVLT/CJ]R. [Connelly*O-MA]
 880 VENEZUELA Mundial, YVYM, Puerto Ordaz, JUN 12 0148 - Mundial ID; loud, over WCBS. [Connelly*O-MA]
 880 MEXICO XEQQQ La Super Q, Villahermosa, Tabasco, JUN 14 1024-1032 - tune-in to canned "XEQQQ la Super Q..." over classical music, then nortena vocal filler, live male dj with TC, ID. Good level, though mixing with other Latinos. [Krueger-FL]
 880 CUBA R.Progreso, Pinar del Rio JUL 7 0220 - Good; "...desde Radio Progreso, la onda de la alegría" ID and news, Buenas Noches program, / / 890 and 900. [Conti-FL]
 939.93 unID MAY 27 2330 - 70 Hz growl on low side of channel; heard about a half hour before sunset, so possibly of domestic origin. [Connelly*R-MA]
 940 VENEZUELA unID city, MAY 28 0122 - Valencia & Venezuela mentions in SS talk. Signal was dominant, but the audio was "muddy" and muffled. [Connelly*R-MA]
 940 CUBA R.Relój JUL 7 0215 - Weak with syncopated clock, RR code IDs, etc. through a number of unID stations. [Conti-FL]
 980 CUBA COCO El Periodico del Aire, Sapo, Ciudad Habana, JUN 15 1040-1110 - long bantering between man and woman, references to events in Habana, finally a canned ID by man at 1101, "COCO El Periodico del Aire"; so again using the COCO in the ID's. Excellent, though faint WLUS-Gainesville co-channel. [Krueger-FL]
 1000 CUBA R Guama, Los Palacios, Pinar del Rio, JUN 14 1100-1101 - checking for Musical Nacional s/on parallels to 590 (no joy). Tune-in to "... 90 punto 5 P-M Guama!" by woman, good. [Krueger-FL]
 1020 VENEZUELA R. Margarita, YVRS, La Asunción, JUN 12 0120 - R. Margarita mentions; over low growl. [Connelly*O-MA]
 1039.61 unID JUN 12 0122 - het, bits of audio; perhaps this is Barranquilla. Has anyone positively ID'ed this? [Connelly*O-MA]
 1040 PUERTO RICO WZNA, Moca, JUN 12 0122 - Puerto Rico mentions in apparent baseball game coverage in SS; dominant (though hetted by possible Colombian on 1039.61). [Connelly*O-MA]
 1050.31 unID JUN 12 0125 - het against WEVD. [Connelly*O-MA]
 1060.3 unID JUN 12 0128 - weak het against presumed Cuban. [Connelly*O-MA]
 1080 CUBA R.Cadena Habana, Guines JUL 7 0315 - Excellent; ID and romantic ballads // 1100 and 1120. [Conti-FL]
 1100 ANTIGUA (t) R. ZDK, St. John's, MAY 28 0108 - probably this with light pops including a female version of Bryan Adams' "Everything I Do"; momentarily rising over WTAM, HJAT, & the strong Spain-1098 het. [Connelly*R-MA]
 1110 VENEZUELA YVQT, Carupano, MAY 28 0048 - salsa music, R. Carupano ID; over WBT. [Connelly*R-MA] JUN 12 0155 - festive Macarena-style group vocal with "corazon" refrain; local-like! [Connelly*O-MA]
 1131.8 unID JUN 12 0136 - carrier with AC ripple; weak. [Connelly*O-MA]
 1140 VENEZUELA La Voz del Caribe, Porlamar, MAY 28 0051 - Venezuela mentions, SS man doing a live broadcast with audience sounds (and some hum on audio); dominant over WRVA. [Connelly*R-MA] JUN 12 0308 - Caribe mention, then mellow vocal; dominant. [Connelly*O-MA]
 1160 BERMUDA VSB3, Hamilton, MAY 28 0053 - // 5975 with BBC discussion of Russia's economy and politics; strong, well over the WOBM/WSKW/WVN] mess. [Connelly*R-MA]
 1169 unID JUN 12 0157 - weak 1 kHz het (or tone test?) against HJNW/WWVA. [Connelly*O-MA]
 1170 COLOMBIA CARACOL, HJNW, Cartagena, MAY 28 0055 - fanfare music, then good ID "Ésta es CARACOL"; over WWVA & unID-1170.4 het. [Connelly*R-MA]
 1180 CUBA R.Rebelde, Villa Maria JUL 6 1940 - Good; telephone report and Radio Rebelde IDs // 710 also with a good daytime signal. [Conti-FL]
 1210 VENEZUELA R. Anzoategui, YVZT, Barcelona, JUN 12 0144 - booming "Anzoategui!" ID piled in over WPHT. [Connelly*O-MA]



- 1209.72 unID MAY 28 0102 - low het against WPHT/VOAR. [Connelly*R-MA] JUN 12 0142 - het against YVZT/WPHT mix. [Connelly*O-MA]
 1210 CUBA R.Sancti Spiritus, Sancti Spiritus JUL 7 0300 - Good; ID and time check with Big Ben chimes, light vocals, mention of festival in Moron. [Conti-FL]
 1375.02 ST. PIERRE ET MIQUELON RFO, MAY 27 2341 - interesting world music show with AA-style flutes; loud. [Connelly*R-MA]
 1410.7 CANADA CIGO, Port Hawkesbury, NS, JUN 12 0204 - this bird is still WAY off frequency and should be widely received as a result. Sports report; in at excellent level of course. Some ripple noted on carrier when BFO was turned on. [Connelly*O-MA]
 1620 ARGENTINA R. Esmeraldas, Buenos Aires, MAY 22 0100 - SS preaching "para Argentina," but I'm not sure of the ID/slogan these days; SIO 253-2, which is a pretty good signal considering the antenna was not at all in the correct orientation [Burnell-NF]

Bruce speaks: "While vacationing in Florida, I managed to squeeze in some DX time. However, this is definitely not DX season in Florida, as thunderstorms were around every afternoon and evening, limiting DX to domestics and Cuba. The locals claimed that Tampa is the lightning capital of the United States. The excessive static crashes made DX of weaker signals essentially impossible. Other distractions, like Disney World, Sea World, and the beaches didn't help.

TRANS-PACIFIC DX

- 1503 AUSTRALIA APR 27 103801054 - man and woman, fair, best TP this year. As in past, a 0.5 Hz SAH often noted here indicating a second station. MAY 20 1031-1035 - man weak in noise. JUN 7 1016-1029 - man and woman in heavy splatter. JUN 16 1024 - woman noted in noise.
 1512 AUSTRALIA JUN 11 1020-1028 - voices through heavy static. JUN 24 1024-1025 - possible audio. [Moore-FL]
 1548 AUSTRALIA JUN 20 1022-1028 - strong carrier with possible traces of audio. [Moore-FL]

STATION NEWS

NETHERLANDS: Heard on June 9 at 1432: popmusic on 1332 kHz, one of the assigned frequencies for low power Dutch stations. Off without announcement at 1435. SIO: 454. At 1520 some kind of ID: "Dit is een testuitzending van AM 1332" (This is a test transmission of AM 1332). Probably a working title, doesn't sound too catchy. Followed by a Tina Turner record. Location of rx: Alphen a/d Rijn, The Netherlands, ca. 30 kms from Utrecht. [Piet Pijpers, Netherlands <Piet.Pypers@net.HCC.nl> via hard-core-dx]

NEW ZEALAND: Please publicise to your fellow medium wave DX colleagues, particularly those listening on the Pacific rim, that extended use of high power Radio New Zealand transmitters began on 4 June 1999. Since that date, our Parliamentary Radio Network stations 657 2YC Wellington 60kw, 882 1YC Auckland 10kw; 900 4YC Dunedin 10kw; 963 3YC Christchurch 10kw are relaying the 'Southern Star Network', an easy listening gospel music programme stream of the Rhema Broadcasting Network on a 24 hour basis, EXCEPT when the frequencies are used to carry live broadcasts of debating in the New Zealand Parliament (usually limited to 1400-2200 NZLT Tue/Wed, 1400-1800 Thu). That is only about 800 hours a year, leaving almost 8000 hours which Rhema's 'Southern Star' have now taken up. I am sure that some of these frequencies will be audible trans-Pacific for those with the right DX equipment. Good listening! [Bryan Clark, Auckland, New Zealand <clarkb@sparc.org.nz>]

SERBIAN AIRSPACE: Last night (June 8, 1999) I heard the ALLIED VOICE (from the EC-130 aircraft for Yugoslav people) on a new frequency of 1270 kHz from 2153 UTC tune in until 2200 UTC sign off. Why do not they use the european channel of 1269 kHz? It is strange. [Karel Honzik, Czech Republic, in Medium Wave Circle e-mail and hard-core-dx] Today I got them for the very first time here too, from tune in at 1940 till s/off or fade-out at 2010 UTC. Frequency was the well-known 1003, however. Fair reception in the beginning, but deteriorating rapidly. Serbian anns and IDs as "NATO > Radio Televizije" and US Pops. And just now (2130 UTC) they are on 1270 kHz. Looks as if they use both 1003 and 1270 kHz. Poor to fair reception on 1270 kHz. Serbian announcements and US Pops. 2139 UTC English News! [Martin Elbe, Medium Wave Circle e-mail] Since about one week I have not heard "R. Allied Voice", the NATO radio program for Kosovo/Serbia transmitted from an aircraft. Before, 1003 kHz always gave me a definite carrier, but no good audio. 1270 kHz used to come in reasonably well around 2100 UTC. Both frequencies are empty now. Has transmission ended, now that the situation in Kosovo returns to "normal" (to use this rather optimistic expression to describe the present situation)? Or did they change frequencies? Anyone who knows more? [Aart Rouw, Germany, via hard-core-dx] I do not know more, I only want to confirm you observations that the two



frequencies are silent - in the afternoon and in the evening too. Somebody living closer to YUG/KOS maybe could find out if the transmissions were brought down to the earth - maybe I will know more within a week or two from my DX-friends in Slovakia. [Karel Honzik, the Czech Republic via hard-core-dx]

CONTRIBUTORS (@ = via e-mail)

@Jean Burnell from near St. John's, NF, Drake R8A w/ 150-m wires at 65 and 110 degrees [jburnell@morgan.ucs.mun.ca]
 @Mark Connelly WA1ION, Dxing from East Harwich MA ["H"], from South Orleans MA ["O"], and from Rockport MA ["R"]; Drake R8A, cardioid array with BBL-1 broadband loop, APW-1 active whip, DXP-1 phasing unit <WA1ION@ix.netcom.com> <http://pweb.netcom.com/~wa1ion/weblink.htm>
 @Bruce Conti, St. Pete Beach FL; Sony ICF-2101 with Kiwa upgrade. <BACONTI@aol.com>
 @Ben Dangerfield, Wallingford PA; Drake R8A, 3 slopers, MFJ-1026 phaser.
 @Ragnar Danneskjold, Mesa AZ; Kenwood R-1000 with a zepp antenna [lwdxer@juno.com]
 @Terry L. Krueger, Clearwater FL; NRD-535, dipoles <tcobagadx@earthlink.net>.

DANGERFIELD DOES DECKCHAIR DX

DX here is in the summer doldrums, but perhaps some of you would like to read about our May cruise in the Mediterranean on the Cunard ship Vistafjord. Of course I had with me my Sony SW-100 and KIWA pocket loop, the combination making it possible to turn ordinary signals into big signals. The SW1 was set for 9 kc. tuning but can also be tuned in 1 kc. segments. You have to find a tuning place on an outside deck, and an unused deck chair, and I managed to make a run of the band around the middle of each day, in the course of which getting lots of curious looks. Didn't go out at night as the dinner hour ran from 7 to 9 after which the crew folded up the chairs and swabbed the decks.

We flew into Venice, boarded ship, and cruised down the Adriatic to Corfu. From there sailed up and back the Gulf of Corinth as far as the Canal near Athens. Then across the Ionian Sea to Catania, Sicily, south to Tunis, and northwest to Barcelona. East to Livorno, Italy (to see Florence), then between Italy and Sardinia to the strait of Messina and through it to Zakynthos, Greece. Finally back up the Adriatic to Venice. I won't attempt to list all the stations heard, just some of the highlights. In the Adriatic the dial is full of Italian and Balkan stations. Slovenia-1170 was strong in Italian with 918 strong in Slovenian. The best Croatian was on 774. Zadar-1134 wasn't heard as it signs on in mid afternoon. Sarajevo, Bosnia,-612 another good one, as was Belgrade 684 which was good almost anywhere during the cruise. Strong daytime signals of 400 to 700 miles were not uncommon.

Unfortunately our stop at Dubrovnik was cancelled. Some Albanian and Greek stations were heard here plus quite a good signal from such as Tunis-630. The Athens stations were good in the Gulf of Corinth, but the most interesting reception there came as the ship crossed the Corinth Canal and suddenly there were strong signals from Egyptians such as 774, 819 and 864, and also some weaker signals from Turkey. In the Ionian Sea, the Egyptians remained strong, and Libyians were quite good on such frequencies as 675, 711 and 1251. VOA Rhodes-1260 too. South of Sicily, Malta-999 was heard over some Italians and sounded slightly off freq. Here also several Tunisians were very strong, including 585, 603, 630, 720 and 963. And it was just northeast of Tunis where I had my best LW reception. In the late morning just about all the LW frequencies had good signals including Germany on 153 and 183, England-198 and Denmark-243.

Sailing northwest from Tunisia the stations on the Spanish coast came in like a ton of bricks, especially Barcelona-540, 666, 738 & 783 while France and Italy were strong, too. Of course, I had almost the same reception in this area as I reported from Minorca earlier this year. As then, there were strong signals from Algiers-531, 549, 891 and 981 plus several from Corsica and Sardinia. Coming down just west of the Italian mainland on a Sunday morning I was getting big signals from the Vatican stations on 526 and 1530, both with a church service in Latin and from 1611, a foreign language broadcast. And on the way back up the Adriatic, I noted nice signals from Bulgarians such as on 576, 594, 747 and 828, along with Romania-855, and as almost everywhere in the area of the cruise, BBC-648. The latter station, which is seldom heard in the U.S. anymore, is a super station in Europe. So there you have it: my latest trip! Hope all have some success this summer! [Ben Dangerfield, Wallingford PA <Ben-Dangerfield@email.msn.com>]

DXPEDITION IN JAPAN

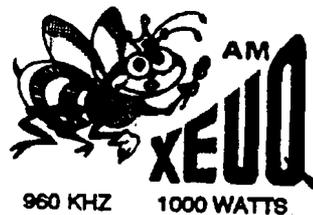
Hideki Watanabe - Japan <NCB02724@nifty.ne.jp>

We had the DX-Pedition in Hasunuma from May 1-3. Hasunuma is in the west 70 km from Tokyo and the sea-side village of the Pacific.

531 ABC-(6DL) AUS 1820 p EG // 1548kHz
 540 ABC-(2CR) AUS 1505 f EG //630,1548kHz
 558 4AM AUS 1923 f EG
 558 DZXL PHL 1905 f Fi Opening ann.
 567 KGUM GUM 0904 f EG News, ID at 0906.
 576 UnID PHL 1350 f/p Fi
 585 V.O.Asia TWN 1606 f IND //7445kHz
 612 KUAM GUM 0845 f EG Movie music px, CM.
 621 R.Pyongyang NKO 0022 g JP
 630 ABC-(4QN) AUS 0915 f EG News report, //-1548kHz.
 630 DZMM PHL 1606 p Fi
 666 DZRH PHL 1304-f Fi
 693 Bangladesh Betar BGD 1630 g Be
 693 4KQ AUS 1730 g EG Pops mx.
 774 ABC-3LO AUS 1717 p EG Local ID at 1759
 780 KNOM-AK ALS 1515 f EG talk & C&W ID "K-NOM"
 801 KTWG GUM 0908 f EG Religious talk px.
 828 ABC AUS 1720 p EG // 1548kHz
 870 KAIM HWA 0914 f/g EG Gospel Song px.
 882 (4BH) AUS 1525 f EG Pops mx.
 909 RRI-Sorong INS 1258 p IND
 936 KSAI MRA 0924 f/g EG Gospel Song px, ID at 0930.
 990 UnID ??? 1746 p EG
 1017 2KY AUS 1705 p EG ID "2KY"
 1017 Tonga B.C. TON 0850 f/g TO Gospel Song px, ID at 0901.
 1035 2ZB NZL 0959 f EG ID "News-talk ZB"
 1035 SIBC SLM 0846 p EG Talk px, //-5020kHz.
 1040 KLHT HWA 0938 f/p EG Gospel Song px, ID at 0941.
 1044 ABC AUS 0916 p EG //630kHz.
 1053 2CA AUS 1918 p EG ID "10-53 2CA"
 1053 UnID ??? 1758 p EG 2 stations
 1080 KCNM MRA 0755 g EG Country music px. 0800 ID "You are listening to the Big 10-80 KCNM, Coconuts Country ..., Saipan."
 1089 3WM AUS 1729 p EG "10-89 3WM"
 1098 (V7AD) FSM 0945 p TR
 1206 2CH AUS 0906 f/p EG
 1206 2CC AUS 1820 f EG ID at 1830
 1206 UnID ??? 0948 f EG
 1210 KZOO HWA 0855 p JP ID "KZOO radio"
 1224 AFN-Kwanjalein MHL 0835 f/p EG OM talk px. 1800 AP network News
 1233 UnID ??? 1543 p EG
 1269 UnID ??? 1545 p XX Non Stop rock'n roll mx
 1287 2TM AUS 1850 f EG ID at 1900
 1332 (4BU) AUS 1547 p EG
 1359 AFKN KOR 1750 f EG //1530kHz.
 1377 3MP AUS 1620 p EG
 1377 2XX NZL 1832 p EG
 1380 KIFO HWA 0840 p EG news
 1413 BBC-Oman OMN 1510 p EG //1476kHz
 1449 (V6AH) FSM 0940 p ??
 1476 4ZR AUS 1555 f EG ID at 1600
 1476 1XD NZL 1800 p EG relay BBC World Service
 1476 UnID PHL *1959- p Fi better in USB mode.
 1494 (DWSS) PHL 1445 p Fi
 1503 DYBB PHL 1301 p FP OM talk px.
 1512 ABC-(2RN) AUS 1559 f EG @ABC NEWS
 1520 KKSJ-OR USA 1225 f EG oldies ID "Sunny Radio"
 1530 DZME PHL 1409 f/p Fi
 1540 KISA HWA 1251 f EG talk ID "KWAI"
 1548 ABC AUS 0930 f EG
 1548 DW-Trincomalee SLI 1657 g IS



1550 KYCY-CA USA 1210 f EG C&W ID "KYCY"
 1593 (V6AK) FSM 0948 p TR Local pops & OM talk.
 1629 R.Italia AUS 1528 p IT Soccer relay from Italy.
 1638 UnID AUS 1450 f XX
 1640 KDIA-CA USA 1235 p EG talk ID "KDIA"
 1650 KKTR-CA USA 1241 f EG oldies ID "KGIL"
 1683 UnID AUS 1505 f XX Middle East mx.
 1701 UnID AUS 1114 p XX music px.



Receivers : AR7030, AR7030+, HF150E, HF1000A.

Antennas : SE-250m Beverage x 2, NE-200m Beverage.

Members : K.Gosui, K.Horiba, Y.Katagiri, T.Kuroda, T.Nishiguchi, M.Takahashi, S.Taniguchi, H.Watanabe.

CONNELLY GRAYLAND PARALLELS

From Mark Connelly: I understand that a major DXpedition is underway at Grayland, WA on the US West Coast. Refer to "http://surf.to/grayland99". This weekend I did some DX as a sort of "parallel effort". I also expect to DX on Wednesday night (UTC Thursday morning: 1 JUL) from Rockport, MA. Here's what I've logged so far on the parallel effort during this time of year with the shortest nights. Dates and times are UTC.

*** South Orleans, Cape Cod, MA: 26 JUN 1999 ***

0200-0259 UTC : Anguilla-690, Cuba-720, Spain-729, Colombia-760, Cuba-759.78, Spain-792, St. Kitts-830, Cuba-830, Canaries-837, Italy-846, Spain-684, Spain-855, unID-940 with EE talk and classical music (like old CBM that's now off), Spain-1044, unID-1050.31, Cuba-1060, UK-1089, Venezuela-1140, Bermuda-1160, UK-1215, Libya-1251, Spain-1296, St. Pierre-1375, Sudan-1296 interval signal blasting over Spain (!) at 0250 UTC. Colombia-1170, Spain-1134, unID-1135.8 weak het, Spain-1116, Spain-1107

0300-0324 UTC: Sudan-1296 sign-on LOUD!, Sao Tome-1530 (good, // 7105), unID-1529.54 het against Sao Tome & WSAI, Ceuta-1583.6, Anguilla-1610 (// 690), Canaries-Spain-1179, Portugal-1035, Spain-1026, Algeria-891, Jamaica-700, UK-693, Ireland-612, Ireland-567 LOUD!, Germany(t)-549 (o/AA)

*** East Harwich, Cape Cod, MA: 26 JUN 1999 ***

0823-0907 UTC: Cuba-670, Venezuela (Coro)-780, Cuba-940, Colombia-1000, Mexico-940, Turks & Caicos-530, Cuba-570, Cuba-600, Cuba-640, Cuba-620 (typical Cape Cod pre-dawn surge of low band Cubans)

*** Rockport, MA: 26 JUN 1999 (pre-sunset) ***

2340-2359 UTC: Ceuta-1583.6, Spain-1575

*** Rockport, MA: 27 JUN 1999 ***

0000-0059 UTC: Canaries-621 strongest TA (huge!), Canaries-882, Canaries-1179, Spain-1296, Spain-1143, Spain-1098, Canaries-1008, Spain-999 het only (too much CKBW), Azores-836, Morocco(t)-819, Spain-738, Western Sahara-711.04, Algeria-549, Saudi Arabia (?) - 648 (AA program at 0057)

0100-0125 UTC: Spain-774, Spain-1107, Spain-729, Venezuela-670, Netherlands-675, Spain-756, Venezuela-940

Ben Dangerfield adds his observations (Ben's full report is found above): "I see that Mark is wondering if any of us is hearing anything this summer besides what he gets on those shore trips. Well I've been trying since coming home from my last cruise in mid-May and have heard very little, but this doesn't surprise me. I've been studying TA reception [and to some extent :LA] over the past two seasons, and have to say that every year there has been a big drop-off in TA activity during May, June and July before it picks up again in August, and a similar though less drastic decline in LAs. I don't think this is all due to the short darkness, but also to the position of the sun, and the weather. Does anyone have any theories? I also have DXed from such places as the Nova Scotia and Massachusetts shores where the TAs were much stronger than inland. The ocean skip has to be a factor, too. In June,

TA reception hasn't begun until well after sunset here, and the only two recent "better" nights were June 22 and 23 [into 6/24 GMT] On those nights the low end really opened up with good signals on 531,549,585,612,675,684 and 693. There were some fair signals in the 800's, but the rest of the band was pretty dead. Previously, 1251 was often good along with the Saudis on 1512 and 1521. I have and tried for your Sudan-1296, Mark, but so far it hasn't made it to Wallingford. As for LAs, just some Cubans and weak Columbians. In the mid 1960s, lower SA was good in the summer."

And Mark checks in with more observations from Rockport, MA (30 JUN (2352 UTC) to 1 JUL (0224 UTC): There were some excellent and unexpectedly strong signals from Denmark-1062, Norway-1314, Netherlands-747, Germany-756, Switzerland-765, Ireland-567/612, several UK stations, etc. In other words, Northern European signals were rocking in as if it were December. Of course, usual stuff from Spain, Canary Islands, Morocco, Algeria, etc. was also loud. I hope the Grayland DXers are enjoying similarly good conditions.

KRUEGER KEYS IN TO KUBA AND KARIBBEAN

(International DX items excerpted from a lengthy report by Terry Krueger. For the full e-mail report, please contact Terry at the address shown above)

- 530 TURKS & CAICOS ISLANDS R Vision Cristiana, 1420+ 6/20, logged in the parking lot of Wooten's Nature Tours near Ochopee, fair w/ SP preacher. The Bahamian ZLS beacon on 526 also present, splattering in weaker on the Sony car radio.
- 580/700 JAMAICA RJR, Galina, 1708+ 6/21, fair w/ M&W local nx, parallel 700-Montego Bay, which was slightly better. No other Jamaicans heard. Can anyone confirm that 850 is active (or silent as I suspect)? Logged at Long Key SRA.
- 870 CUBA R Reloj, unknown site, 1659+ 6/21, very good when the Key West TIS on 870 was nulled. Logged at Long Key State Recreation Area.
- 1050 MEXICO R Pirata XEQQQ, Cancun, Quintana Roo, 1705+ 6/21 at Long Key SRA. XInt w/ SP M ID, SP modern rock.
- 1180 CUBA/FLORIDA R Rebelde/R Marti, 1659+ 6/21, Marti dominating at Long Key SRA. On the return home, the tight antennae pattern of R Marti (Marathon, FL) is dramatically evident when crossing the northern half of Seven Mile Bridge, daytime local. Once in Marathon-proper, Rebelde is more pronounced under Marti. Rebelde was airing Michael Boltin's version of "White Christmas" (parallel 96.7 MHz) at this time (1412+ 6/25). Christmas music from Cuba at the end of June. Does it get any stranger? (I heard a Christmas ad on FM E-skip this week from Alabama - Jim)
- 1200 CUBA R Sancti Spiritus, 1635+ 6/21, checking for R Ariguanabo (seems I only hear them at home daytime!), only this w/ vocals, ID (M kept pronouncing more like "Spirito"), parallel very poor 1210 (under the Miami Springs SP talker). Logged at Long Key SRA.
- 1240 BAHAMAS ZNS-2, Nassau, New Providence, 1620+ 6/21, w/ Cuban R Veinte Seis nulled on the YB-400, very good w/ Bahamian-accented preacher till 1629, then gave 242 (Bahamas) area code for pledges, finally live W dj briefly, into another canned gospel program. Logged at Long Key SRA.
- 1330/1390 CUBA R Jaruco, Jaruco, Habana, 1640+ 6/21, xInt w/ traditional vocals, W ID. 1390 slightly weaker. Logged at Long Key SRA.
- 1420/1460 CUBA R Cadena Agramonte, unknown site, Camaguey, 1715+ 6/23, M&W LAm and Cuban nx, good. No trace of R Llanuras. Logged at Key West, parallel weaker 1460 (and no luck w/ R Santa Cruz del Sur, Camaguey there either).
- 1490 CUBA R Camoa, San Jose de las Lajas, Habana, 1725+ 6/23, SP techno/dance and rap vocals, W bottom of hour. Recheck 2220, nice local mx, then at 2028, W "Esta es Camoa" followed by M "R Camoa la agria, 6 horas y 30 minutos, musica campesinos" into another song. Good at Key West.
- 1540 BAHAMAS ZNS-1, Nassau, New Providence, 1635+ 6/21, very good in passing w/boring talk program on sewage and irrigation upgrades (hmm, sounds like Key West) hosted by W. Logged at Long Key SRA.
- 1540 CUBA R Sagua, Sagua la Grande, Villa Clara, 1636+ 6/21, at Long Key SRA, xInt when ZNS-1 was nulled, baseball scores by M, ID at 1638.
- 1550 CUBA R Nuevitas, Camaguey, 2231+ 6/23, mushy SP love songs, M ID and introduced Ecuadorean pop song. M&W canned station promo/ID 2258. Good at Key West.
- 96.7 MHz CUBA R Rebelde, Habana, 1435+ 6/20, logged in the parking lot of Wooten's nature Tours near Ochopee, fair w/ live coverage of ... US churchworker Joan Brown Campbell's EG speech, with SP translator and refs to Fidel in the audience. Parallel all audible Rebelde MW outlets.

A Look Back At the HCJB 690 kHz DX Tests

By Richard McVicar

In 1994, 1995 and 1996, HCJB ran a series of fifteen DX test programs on its mediumwave frequency of 690 kHz. The purpose of the tests were threefold:

—To make Ecuador a slightly easier DX target for those interested in hearing this Andean nation on the mediumwave broadcast band.

—To observe the already well-known phenomena of dusk and dawn enhancement.

—To observe the effects of the sun and Earth's geomagnetic field on the propagation of the test signals.

I was pleased with the results overall, especially that which related to the first and second goals. I didn't get too far with the third, partly because the sun wasn't up to much activity and partly because I didn't gather enough data. Also, what data I did gather may have not been the right kind.

To give DXers time to plan to listen (and perhaps erect huge antennas,) each of the tests were announced on HCJB's "DX Partyline" and "The Latest Catch" programs ahead of schedule. HCJB is indebted to the many DX clubs and newsletters around the world who kindly reprinted the test schedule information in their monthly bulletins and over the Internet. Much appreciation also goes to the other DX programs that announced the schedules.

For the test programs, we used audio code signals (as opposed to true CW where the carrier is turned on and off) and high-pitched audio sound effects. This audio was broadcast on a regular amplitude modulated carrier. On all but two of the tests, the transmitter used was an aging HCJB-built 50 kw unit located on Pichincha volcano, just west of Quito. (Two of the tests featured the use of different transmitters. These are noted below.) The 690 kHz antenna has a north-south directional pattern and is situated on Rucu Pichincha, part of the massive Pichincha volcano. (The highest point of Pichincha, Guagua Pichincha, lies further to the west.)

The piercing audio of the code and sound effects was sometimes able to penetrate the comparatively subdued audio of other stations sharing the 690 kHz frequency. Words sent in International Code were usually different for each test and ranged from character names in C.S. Lewis novels to dessert foods. The idea was to use words and phrases that no one would be able to guess if that person were to prepare a report of a fabricated reception. (There were only two or three such reports. I wish I had kept the one where the talented author invented an entire paragraph of English-language test text, which included a brief history of HCJB!) Some of the code messages consisted of phrases such as "I won a t-shirt," which became a fact for the DXer who copied it and sent us a report. Other audio included dogs barking, police sirens, whistles and music ranging from Andean folk to Prokofiev.

The first test included code as well as bilingual explanations of the hobby of DXing. Both voices were male, that of Mauricio Carpio for Spanish and my own for English. On subsequent tests, the only spoken audio was in Spanish with announcer Tanya Davalos giving an identification and explanation (with local listeners in mind) of what in the world was going on. This was aired several times in each program.

So as not to interrupt regular programming, each test was scheduled at a time not conflicting with HCJB's daily broadcasts on 690 kHz. That is, the tests aired between 0504 and 0830 UTC. Some of the times lined up favourably with the sunrise terminator in different parts of Europe and Africa while others with the sunset terminator in New Zealand, Australia and Japan. In the results which follow, the terminator location is mentioned for each test in known DXer-populated areas of the world.

Below is a brief account of each test. Solar and geomagnetic indices were obtained from the web page of the Space Environment Center, provided by the US Dept. of Commerce, NOAA, Space Environment Laboratory. A and K indices mentioned are Estimated Planetary Indices, as opposed to Middle Latitude and High Latitude indices, also found at the same site. My thanks to David Clark who directed me to this useful web page (www.sel.bldrdoc.gov/index.html).

1) May 29, 1994 0500-0530 UTC (terminator in mid British Columbia, Canada, just getting to New Zealand and leaving Portugal)

Reports:

—The first report received was a thrilling encouragement from Mark Connelly at Harwich, Cape Cod, Massachusetts. "The code IDs cut through the other three co-channel stations (CBF, HJ CZ and Anguilla) like a hot knife through butter." He reported the signals as poor to fair. His equipment consisted of two phased wires together with his MWDX-6 phasing unit.

—Bruce Conti, Nashua, New Hampshire (who had erected an antenna in a Nashua high school football field especially for the test.)

—Al Merriman, Virginia

—J.D. Stephens, Huntsville, Alabama

—Robert Tiara, Hendersonville, North Carolina.

Solar & geomagnetic conditions: A-Index: 37 K-Index: 6 Solar Flux: 69 Sunspot No: 0

Apparently, a disturbance took place on the sun just about the time of the test. Twenty-four hours after the test, the A-Index was 44 with a K-Index of 7. With these more-disturbed conditions, it may have been possible to hear the test under auroral conditions on a much wider basis one day later.

2) December 24, 1994 0515-0545 UTC (terminator in southeast Europe, N. Russia, Africa)

Reports:

—Mike Hardester, Jacksonville, North Carolina

—Mark Connelly, Harwich, Massachusetts.

Both reported this test with very poor signals.

Solar & geomagnetic conditions: A-Index: 23 K-Index: 3 Solar Flux: 80 Sunspot No: 50

3) May 13, 1995 0600-0630 UTC (terminator at New Zealand)

Reports:

—Bruce Conti, Rockport, Massachusetts—very poor signals using two phased wires each over 1000 feet in length

—David Russell, Illinois Very faint code reported. (David, an HCJB missionary, was home on furlough at the time. The code IDs on the first test programs in 1994 were tapped out by David, HC1DVE.)

—Basil Jamieson, Paul Ormandy, Alistair Sutherland and Peter Grenfell, Waiianakurua, New Zealand.

The four New Zealand DXers, all listening at the same location, were able to hear voice segments as well as code. Signals were fair. As part of the code message they successfully copied included the words, "I won a mug," each of their radio-logged-liquid receptacle collections increased by one.

Solar & geomagnetic conditions: A-Index: 10 K-Index: 3 Solar Flux: 81 Sunspot No: 70

4) October 7, 1995 0600-0615 UTC (terminator crossing the British Isles, France, Spain)

Reports:

—Don Moore, Davenport, Iowa. Poor to fair signals. Don commented that Mexican & Central American MW stations were being well received over the previous few nights. Don was using a 400 foot (length) antenna.

—Oscar Javier Ariza Miranda, Bogota, Colombia. Fair signals. Oscar heard the test on a boom-box receiver. He was able to null-out the local Radio Deportes in Bogotá. He copied a complete ID voice text.

Solar & geomagnetic conditions: A-Index: 28 K-Index: 6 Solar Flux: 73 Sunspot No: 11
5) November 5, 1995 0603-0620 UTC (terminator across western Europe)

Reports:

—Jerry Berg, Lexington, Massachusetts Poor signals—heard a siren & code

—David Gasque, Orangeburg, South Carolina

Solar & geomagnetic conditions: A-Index: 11 K-Index: 1 Solar Flux: 75 Sunspot No: 0

6) December 3, 1995 0600-0615 UTC (terminator in Central Europe)

Reports:

—Clive Rooms & Steve Whitt, Sheigra, Scotland. On the annual Sheigra DXpedition, these two DXers became the only two people to convincingly describe test details as heard from a European location. They successfully taped several seconds of siren sound effects and code. The antenna used was 450 yards in length and directed at 270 degrees.

—Rev. Jim Renfrew, Rochester, New York. Signals were very poor and suffered from a buzzing Cuban transmitter, also on 690 kHz. Jim was successful at hearing a "t-shirt" message.

—Jerry Berg, Lexington, Massachusetts. Signals poor to fair. Jerry's comments included the adrenalinal level-raising "Wreaking havoc with reception of local stations up here!"

—John Sgrulletta, Mahopac, New York. Very poor signals.

Solar & geomagnetic conditions: A-Index: 7 K-Index: 2 Solar Flux: 73 Sunspot No: 23

7) January 7, 1996 0800-0815 UTC (terminator across the British Isles, Scandinavia, New Zealand and Japan)

Reports:

—Ron Musco, Poquonock, Connecticut Poor-very poor signals

—Mike Hardester, Jacksonville, North Carolina Poor signals, complete CW words copied.

—Tony Ward, Whitby, Ontario, Canada Poor signals on a 750-foot longwire. Nothing heard at the same time on a loop.

—Randy Stewart, Springfield, Missouri. Very poor but a good amount of code copied. Using a 15-inch amplified box-loop antenna. Caribbean stations & Saudi Arabia coming in on MW.

—Kermit Geary, Walnutport, Pennsylvania. Very poor signals with Anguilla coming in at the same time. Kermit also mentioned having heard HCJB MW tests on February 3, 1946 on 974 kHz and on 700 kHz on March 13, 1961. It was an honour for me to be able to sign a QSL card that would go into one of the most incredible collections of MW QSLs in the world.

—Gerry Bishop, Niceville, Florida. Very poor signals. Gerry also heard MW stations in Venezuela, Colombia and the Caribbean on a 100-foot antenna.

—John Long, Southbury, Connecticut. Code and tone heard using an R-8 and a 1000'-foot long Beverage antenna directed at 160 degrees.

—William Revaz, Oxford, Connecticut. Very poor signals on a 135' longwire

Jim Pogue, Memphis, Tennessee

Solar & Geomagnetic conditions: A-Index: 3 K-Index: 1 Solar Flux: 83 Sunspot No: 45

8) February 4, 1996 0606-0621 UTC. (terminator in Central Europe).

This test had a late start time with an interesting reason... At 0600 UTC, the transmitter on Mt. Pichincha did not come on the air as scheduled. After running down the three flights of stairs to HCJB's Programming Automated Control Center, I learned that "Antenna Hill" on Mount Pichincha was in a sector of Quito which was undergoing electricity rationing. (The rationing was on account of low water levels at Ecuador's largest hydro-electricity generating plant.) We called the shortwave transmitter site at Pifo, where HCJB's 25 kilowatt MW backup transmitter was located. It came on the air a few minutes later and the test proceeded.

Reports:

Jim Bryant, Aledo, Texas. Very poor signals. (Jim's report made running down the stairs worthwhile!)

Solar & geomagnetic conditions: A-Index: 5 K-Index: 1 Solar Flux: 74 Sunspot No: 0

9) March 3, 1996 0600-0615 UTC (terminator in western Europe)

Reports:

Jean Burnell, St. John's, Newfoundland, Canada. Heard code only, using a Drake R-8 and 50-foot random wire antenna and a preamp. (Jean has also been successful at hearing a regular HCJB broadcast on 690 kHz.)

Yoshihiko Hida, Pilar, Paraguay. Code copied well.

Solar & geomagnetic conditions: A-Index: 6 K-Index: 2 Solar Flux: 70 Sunspot No: 0

10) April 7, 1996 0515-0530 UTC (terminator crossing the British Isles, France, Spain)

Reports:

Ruben Antonio Sagristani, Cordoba, Argentina. Very poor signals. Using a Sony 2010 receiver and loop antenna.

Solar and geomagnetic conditions: A-Index: 3 K-Index: 0 Solar Flux: 68 Sunspot No: 0

11) May 5, 1996 0545-0600 UTC (terminator at New Zealand)

Reports:

Henrik Klemetz, Bogotá, Colombia. Code heard under local Radio Deportes

Basil Jamieson, Alistair Sutherland, Oamaru, N.Zealand. Code and some other audio portions heard.

Solar and geomagnetic conditions: A-Index: 7 K-Index: 3 Solar Flux: 70 Sunspot No: 12

12) June 2, 1996 0600-0615 UTC (terminator at New Zealand)

Reports:

Paul Ormandy, Waiianakarua, New Zealand. Weak to occasionally fair signals on a poor evening for Latin American MW signals.

David Sharp, Lutz, Florida. Very very poor signals

Basil Jamieson, Waiianakarua, New Zealand. Code and tones heard.

Solar and geomagnetic conditions: A-Index: 6 K-Index: 1 Solar Flux: 68 Sunspot No: 11

13) July 7, 1996 0801-0816 UTC (terminator crossing the Canadian Maritime provinces and eastern Australia)

Reports:

Bryan Clark, Auckland, New Zealand. Very poor signals. Peru also heard on 730 kHz.

Paul Ormandy, Waiianakaura, New Zealand. Not as good as the signal heard on the May and June tests due to Australian QRM at the later hour.

Solar and geomagnetic conditions: A-Index: 9 K-Index: 4 Solar Flux: 72 Sunspot No: 27

14) August 4, 1996 0600-0615 UTC (terminator at New Zealand)

Reports:

Paul Ormandy, Waiianakarua, New Zealand

Solar and geomagnetic conditions: A-Index: 6 K-Index: 3 Solar Flux: 78 Sunspot No: 29

15) September 1, 1996 0515-0530 UTC (terminator nearing New Zealand, crossing the British Isles, Spain, Portugal)

(This was the first and only test—so far—on HCJB's new Harris transmitter, which replaced the old 50 kw unit on Mt. Pichincha. The transmitter is capable of running at 100 kw, but is operated at 50 kw.)

Reports:

Jerry Coatsworth, Merlin, Ontario, Canada Bill Dvorak, Madison, Wisconsin. Fair to good signals reported while using only the internal ferrite core antenna on his portable receiver! (CBF in Montreal

on 690 kHz was completely nulled out.)

Stephen George, Amherst, Massachusetts. Very weak signals

Paul Ormandy, Waiianakarua, New Zealand. Fair-good signals and Paul successfully copied the "t-shirt" message. Paul reported conditions being very good with long path Europeans coming in as well.

Solar and geomagnetic conditions: A-Index: 5 K-Index: 1 Solar Flux: 74 Sunspot No: 11

Conclusions:

The tests took place during the years heading into a solar minimum when there was relatively little solar activity taking place. Not surprisingly then, there were no geomagnetic disturbances during the times of the tests. That, unfortunately, results in a lack of differing solar/geomagnetic data with which to compare and draw conclusions.

Veteran CBF DXer James Goodwin in Toronto, Ontario, kindly looked over the above test data. He comments that "wrong interpretations can be made if only the A-reading at test time is given. The figure can be misleading in these cases because the test occurs in a very early part of the day while the figure reflects the experience for the whole day."

Concerning the K index, Mr. Goodwin believes that the K index figure can also sometimes be misleading. He writes that, "A sudden increase in geomagnetic activity may quickly increase general absorption levels and enhance north-south paths. A relatively short burst of geomagnetic activity can pass away quickly, leaving the bands somewhat dead for 12 or more hours. In that time, while all reports may say that the K is back to a 0 or 1, tuning the bands doesn't indicate the fact at all."

Even with the limited amount of data gathered, one well-known phenomenon which I believe was observed effectively during this series of tests was that of reception being enhanced by the receiver being in the terminator. This was especially evident with the New Zealand receptions during New Zealand evening twilight. The enhancement phenomenon with the 690 kHz tests would most likely have been all the clearer (data-wise) if we could have stretched the duration of each test to that of a few hours on either side of dawn and/or dusk. However, even at those late hours, there were probably enough listeners in Quito tuning by 690 kHz questioning our sanity as it was!

Mediumwave and shortwave DXers alike might agree with me that more DXers would be able to hear such tests if they coincided with geomagnetic storm conditions. Perhaps, now with so many DXers on the Internet, it would be worthwhile to schedule tests on very short notice. If I correctly understand the relationship of solar flares/coronal mass ejections to the solar wind to the Earth's geomagnetic field to the ionosphere, it would be best to air a test about 24-36 hours after a solar flare/coronal mass ejection occurred. This would be at the point when auroral conditions here at Earth would reach maximum. Another positive factor for DXers attempting to hear DX on 690 kHz is that the 50 kw broadcaster in Montreal, CBF, has moved to the FM band.

To the many DXers around the world who tried to hear the tests, a heart-felt thank you. I had a great deal of fun putting the eccentric little programs together and only wished I could have popped in to various locations on the planet in attempts to hear the beeps, barks and whatnots along with you. To those who were fortunate enough to actually hear those strange code words and siren wailings, thank you for your valuable reports and recordings!

73 and God bless,

Richard McVicar DX Test Coordinator

(A broadcaster, Rich McVicar served with HCJB's English Language Service from 1990-1996. He also served as Frequency Manager from 1994-1996. Rich and his family now live in central New York state. His program, Wake Up Smiling, is heard on the Mars Hill Network, based in Syracuse. It might be the only North American FM morning show with regular auroral alerts and occasional interval signals.)

The NRC AM Radio Log, 19th Edition, is compiled from both members' reports and from other sources so that it is the most accurate and complete record of Canadian AM stations available. It includes an Expanded Band station listing, a complete punched for station listing, and a listing of U.S. and Canadian non-NRC stations. Price: \$23.50; \$28.00 for members: to Latin America, \$23.50; \$28.00 for the rest of the world: \$28.00. Order from: NRC, Box 164 - Mannsville, NY 13661 (NY residents, please add tax).



Guide to some eastern Massachusetts sites used for successful medium-wave DXing

Mark Connelly, WA1ION@ix.netcom.com

Comments: My principal activity in medium-wave DX is foreign station reception. Regions of greatest interest are Europe, Africa, Middle East / Western Asia, South America, the Caribbean, and Central America. Bearings of interest range from 30 to 210 degrees clockwise of true north. Interfering domestic signals are mainly found on bearings of 220 to 340 degrees.

Often there's a need to operate from a site that is not one's home location. Some of the reasons are the following:

- * Most house sites have unacceptably high levels of man-made electrical interference from power-lines, TV's, computers, motors, and some kinds of lighting fixtures.
- * It may be impossible to use a functional antenna (this is especially true of steel-frame apartment buildings).
- * The home site may be near one or more strong broadcast transmitter sites. My house is less than 3 miles / 5 km from 50 kW WRKO-680. WNFT, WNRB, and others are within 10 miles / 16 km.
- * The location may have electrical characteristics (poor ground, horizon blockage on DX bearings, etc.) that make it vastly inferior to good sites within a relatively short drive. When the Algerian clandestine (RASD) was on 1544, the highest it ever registered at home in Billerica was S9. Less than an hour's drive away, at Granite Pier in Rockport, signal levels of S9+40 had been recorded on the same equipment several times around local sunset.

If you could kick DX signal levels up by 10 to 40 dB without a corresponding increase in domestic interference just by taking a short ride, what would YOU do ?

What makes a good site ? Little or no man-made RF noise is a must. If you can get away from the "crunch zone" of local broadcasters, that would be good (though a loop antenna with high-Q can still get you some DX in RF-heavy metropolitan areas). The electrical characteristics of a high-performance site are fairly specific: you must have good conductivity and a low horizon towards stations you want to hear. Also, to "ice the cake", poor conductivity and blockage towards undesired "pest" signals can improve that all important DX-to-QRM ratio. You might as well have the location do some of the work before you marshal directional antennas, phasing, regenerative high-Q preselection, IF filtering, DSP, and all the other weapons to the battlefield.

Seacoast sites are far superior to any other locations, even mountains, farm fields, etc., for the kind of DX I do. There are several things that must be said of the eastern Massachusetts coast. Like other coastal areas in the northeastern states, as well as in Europe, Japan, and southern California, most of this area is highly developed. Open areas are few, buildings are everywhere, and large sections of coastline are not publicly accessible. Beaches, piers, and other public areas are often crowded and, even when they aren't, they seldom offer the kind of space needed for "dream" antennas such as Beverages. Most of the time, stringing out more than about 100 ft. / 30 m of wire would get you into a difficult situation with the police or with local troublemakers.

If you use antennas that are mounted on your vehicle, you have a much wider choice of usable locations than if you insist on installing longwires and Beverages. I've found that a broadband active loop phased against an active whip (to produce a cardioid pattern) is often the system of choice for efficient frequency-agile international DXing. These antennas fit on the car roof. The 6 ft. (1.83 m) per side square broadband loop does draw the attention of passers-by. Some look at it and must think "CIA spy". For less conspicuous DX operation in crowded areas, a remotely-tuned loop using a Quantum ferrite head gives a good deal of sensitivity, and some directivity, in a small package. One can easily reach out of the driver's side window to turn the loop when necessary (or to take it back inside the car if it's necessary to leave a site quickly because of weather, unwelcome visitors, etc.). Another single-antenna approach is the use of an active whip: this can be broadband or remotely-tuned by the use of a varactor diode and tank inductors.

The following list of DX sites are ones that I use from time to time. Yet to be thoroughly investigated is the area within the Cape Cod National Seashore. Also, I have not researched the south coast region from the Rhode Island border to the Cape Cod Canal in much depth. Nantucket and Martha's Vineyard have not been visited in many years. As I travel the area, I'll update the list periodically.

Note that there are several good map servers on the Internet that can be used in conjunction with the coordinates I provide. Try these:

" <http://www.mapblast.com/mbblast/index.mb> "

" <http://roadmaps.lycos.com> "
 " <http://www.mapquest.com/> "
 " <http://city.net/maps/> "
 " <http://tiger.census.gov/cgi-bin/mapsurfer> "

Map CD ROM's are available from Microsoft, Rand McNally, DeLorme, and others. I often use the Eastern Massachusetts topographical map CD which is purchasable from
 " <http://www.topo.com/> " and from the REI chain of outdoors-goods stores.

Mark's Eastern Massachusetts DX Site List Updated 15 JUN 1999

Coordinates are in decimal degrees. Multiply the number after the decimal point by 60 to get minutes of latitude or longitude.

NORTH SHORE

The North Shore has some luxurious suburbs with very expensive homes; it also has a number of old fishing and industrial cities of lesser splendour. Cape Ann (Rockport, Gloucester) is geographically ideal for DX purposes since it has shorelines facing both Trans-Atlantic and Latin American targets. It's also a bit more separated from powerhouse local stations than are Lynn, Swampscott, and Marblehead.

Gloucester, MA
 (GC= 70.68 W / 42.607 N)
 (Stage Fort Park)

This is a busy area, so inconspicuous rooftop antennas are probably the best choice. During the winter, wires to 30 m may be runnable. I've had some particularly good African receptions here.

Ipswich, MA
 (GC= 70.766 W / 42.607 N)
 (Crane's Beach: east end of Argilla Road)

Maps show this to be a spacious area with some interesting antenna possibilities. What isn't shown is the fact that sometimes a locked gate prevents you from getting as far in as you'd like to go. When the gate is open, you may have to pay for parking and the place could be too crowded for the deployment of serious wire antennas.

Lynn, MA
 (GC= 70.927 W / 42.463 N)
 (Lynn Shore Drive near Wolcott Road)

Busy area; you park along the main road beside the beach. OK for a small rooftop ferrite loop. You'll need the loop's high Q because of monster signals from WBZ, WROL, WLYN, WPZE, WEZE, WXKS, WNRB, and the 382 kHz Logan Airport beacon. This is a site with really good "kick" towards Africa and Brazil on those auroral nights. It's a fairly short ride from downtown Boston.

Marblehead, MA
 (GC= 70.83 W / 42.50 N)
 (Fuller Lane off Ocean Avenue - near locked gate to private beach)

The best Marblehead site for southern Europe and northern Africa. Rooftop antennas only. If the cops make you move, there are two other DXable sites not far away.

Marblehead, MA
 (GC= 70.855 W / 42.491 N)
 (Devereaux Beach)

Good general South America / Caribbean site: a fine place to be on an auroral night in late autumn or winter. It's usually too crowded during the summer for much more than car radio dial twisting (if you can find a parking space). WBZ and WESX have needle-bender signals here so be advised.

Marblehead, MA
 (GC= 70.833 W / 42.505 N)
 (Chandler Hovey Park / Marblehead Lighthouse)

Reasonable for European DX during the cooler months. It's somewhat blocked to the south; therefore, it's of limited utility during aurora.

Rockport, MA
(GC= 70.622 W / 42.667 N)
(Granite Pier)

This could be the best site on the North Shore list. A lot of legendary DX (Israel, Iran, Greece, and more) has been bagged here by BADX members as well as by such illustrious visitors as Jean Burnell of Newfoundland and Aart Rouw of Germany. Weekdays from just before sunset to 11 p.m. are preferable in terms of reduced crowds and police activity.

Rockport, MA
(GC= 70.632 W / 42.657 N)
("Hospital Hill"/Poole Hill: park at W end of Summit Ave.)

This site has adequate land for Beverages. Permission to use it must be obtained from the town. The last activity here was the May 1995 DXpedition (the "parallel effort to Newfie-3"). I'm not aware of current site status.

Rockport, MA
(GC= 70.60 W / 42.636 N)
(Pebble Beach: Penzance Road, E of South St.)

Latin America oriented site usable all year with on-car antennas. Wire antennas might be possible on nights during the winter.

Rowley, MA
(GC= 70.825 W / 42.75 N)
(end of Stackyard Road at Parker River National Wildlife Refuge: salt-marsh)

On a recent outing, Bruce Conti encountered police who told him that the site closes at dusk (of course that's just when the DX really starts to cook). It would be unfortunate if the site is not usable as it's one of the few with adequate space for big wires. The wide salt-marsh also has the distinction of being one of very few US sites from which India has been conclusively logged on medium wave (twice at that!) This has been the traditional gathering spot of the annual Boston Area DXers' "DX Clams" summertime outing after the obligatory seafood dinner at Ipswich's Clam Box restaurant. Future gatherings may have to be moved to Rockport or elsewhere.

Salisbury Beach, MA
(GC= 70.82 W / 42.871 N)
(eastern end of Route 1A off Route 1)

This is too busy in the summer, but it's a decent October to April venue. Find a spot right near the beach (next to the somewhat run-down arcade buildings and amusement rides) rather than parking in the gated area; otherwise, you and your car might get locked in not too long after sundown! Because this is a barrier beach with some marsh behind it, the "front to back" ratio isn't super. Still I've heard some good eastern European, Middle East, etc. DX here including "killer" Syria-783 one night. The site is convenient to high-speed Routes 495 and 95, so driving time here can be reasonable, even from quite a distance.

Swampscott, MA
(GC= 70.911 W / 42.468 N)
(Humphrey St., near Blaney Beach / Ingalls Terrace)

This is right down the street from the Lynn site, so many of the comments for that site (such as those about powerhouse local signals) apply here. Car rooftop antennas only: I'd go with the remotely-tuned ferrite loop as choice #1. The best reception aperture is towards the Caribbean and western South America, so this site is a good choice for an auroral evening.

SOUTH SHORE

You'll want to steer clear of the WBZ transmitting site in Hull (and also nearby Hingham and Cohasset) where "volts per meter" injections of WBZ can easily cripple a receiver's front end. It should be noted that substantial areas of Plymouth (near White Horse Beach) have streets marked "Private: Local Residents Only". This is a sign that invariably causes much anger amongst DXers scrambling to find a good shore location in time for a sunset DX session when the early-arrival heterodynes on the car radio are foretelling superb reception.



Duxbury, MA
(GC= 70.651 W / 42.047 N)
(west end of Powder Point Bridge, at King Caesar Road)

This is an excellent site for DXing Africa and Brazil. The parking area overlooks a salt-marsh which submerges at high tide. There's a small sand beach where people often fish and dig for mussels and clams. Duxbury Beach, a narrow sand barrier, is across the wooden Powder Point Bridge.

Duxbury, MA
(GC= 70.67 W / 42.039 N)
(Town Pier: east end of Mattakeeset Court off Washington St.)

The car park is often busy, so I'd stick with smaller rooftop antennas. You get very good exposure to Africa here, and reasonable clout towards the Middle East, Europe, and northeastern Brazil.



Duxbury Beach, MA
(GC= 70.647 W / 42.056 N)
(Gurnet Road, 1 km S of Marginal Road)

Think of this as an October to April site. In the middle of winter you can probably get away with stringing out some pretty decent wires here, especially at low tide. There is some water on the inside (west) of this barrier beach, so the "front to back" ratio isn't going to be quite as good as from the other Duxbury sites.

Kingston, MA
(GC= 70.722 W / 41.997 N)
(rest area / lay-by on Route 3 near mouth of Jones River)

This is listed as more of a "convenience site" rather than as a superlative DX QTH. If you're stuck in traffic on the way to the Cape, or you hear a radio report of a massive back-up ahead at the Sagamore Bridge, pull in here and DX for an hour or so. The usual blasters from Spain, Morocco, Algeria, Senegal, and the Canaries shouldn't be hard to find in the early evening on any kind of decent radio 'n' antenna combination. Mauritania-1349 used to scream in here, but they've been silent for quite a while. You can see WPLM-1390's towers to the south and marvel at how effective their north null must be (as you listen to WDCW Syracuse and other co-channel stations nibbling away at 'PLM).

Marshfield, MA
(GC= 70.69 W / 42.13 N)
(boat slipway area, near junction of Ridge Road & Ferry St.)

This is a small, but effective, site where the high-band Europeans can really boogie in at local sunset. Historic Brant Rock, site of Reginald Fessenden's first speech broadcast in 1906, is nearby. The Coast Guard commo-facility NMF is just up the road (but it doesn't seem to be a front-end bender).

Plymouth, MA
(GC= 70.68 W / 41.98 N)
(Robbins Road - Holmes Reservation, N of Nelson Street Beach)

A good site that offers a degree of seclusion and the ability to run wires. Watch for unpleasant vegetation (poison ivy and thorny brambles) near the side of Robbins Road halfway down the hill. I've heard some good eastern Mediterranean DX (Greece, Turkey, etc.) here and Egypt-864 is usually blasting in with Koranic vocals an hour after sunset on any half-decent night. Faint-hearted front-ends will be challenged by strong WPLM, only about 2 km distant.

Plymouth, MA
(GC= 70.672 W / 41.967 N)
(Nelson Street Recreational Area / Beach)

Closing time is supposed to be 9 p.m., so this is primarily an autumn / winter venue. For Africa and Brazil, it is superior to the nearby Robbins Road site. It is just about equivalent to it for Europe and the Middle East. WPLM is really strong here, so use tuned antennas rather than the broadband approach.

Plymouth, MA
(GC= 70.63 W / 41.94 N)
(Plymouth Beach: Route 3A between Clifford Rd. & "Plimoth Plantation")

An autumn / winter site that is best suited to northern European reception. Wires to 60 m could

probably be run in the "off season".

Plymouth, MA

(GC= 70.541 W / 41.927 N)

(bluff overlooking beach: Manomet Point Road just E of Arnold Ave.)

This site has a nice combination of altitude and coastal proximity: not a common occurrence on the Massachusetts coastal plain. The area is too crowded in the summer and, in any event, is suited to car-mounted antennas only. The view is great and the Trans-Atlantic signals at sunset can be pretty impressive also.

Quincy, MA

(GC= 71.015 W / 42.279 N)

(Wollaston Beach)

This is a convenient site for city-dwellers. On the "down side" it's extremely crowded most of the time. Also it's in the crunch zones of WBZ, WPZE, and WJDA: these transmitters are all within 10 km. These facts indicate that a compact high-Q loop antenna is the only way to go. Good European reception (bearings 30 to 75 degrees) can be had here, so the site has some merit.

Scituate, MA

(GC= 70.726 W / 42.193 N)

(near Front St. & Brook St.: waterfront municipal parking area)

Rooftop antennas only. Useful for Europe, North Africa, Middle East.

Scituate, MA

(GC= 70.727 W / 42.201 N)

(near junction Jericho Road & Hatherly Road: marina / boat launch area)

This is space-limited like the previously-listed Scituate site. It's somewhat better for Africa. This is a short distance from the former transmitting location of shortwave legends WIXAL / WRUL / WNYW / WYFR.

North Scituate Beach, MA

(GC= 70.762 W / 42.24 N)

(near junction Bailey's Causeway and Glades Road)

Good during the less-crowded autumn and winter seasons. I've had some big signals here from several of the Fortaleza, Brazil stations; also the Africans come in at a good level on semi-auroral nights. If it's cold and rainy (or snowy), the joggers will be less numerous and moderate-length wires may be "stringable".

CAPE COD

The song says "You're sure to fall in love with old Cape Cod". The words are true whether you like swimming, sailing, golf, seafood, or - for that matter - foreign DX.

My list of sites below merely scratch the surface of potential locations. The Cape has shorelines that face in all compass directions (with sandy soil to provide blockage in varying landward directions). Sites that face west could be useful to the domestic DXer and for pre-dawn attempts at seldom-heard exotics from the South Pacific and Down Under. With CBL vacating 740, looking for Tahiti-738 at 4 a.m. local may not be as futile an effort as it used to be. Go to a site in Wellfleet facing westward to Cape Cod Bay and you just may get lucky. Be that as it may, the emphasis below, as on the North Shore and South Shore lists, are bearings to Europe, west Asia, Africa, the Caribbean, and South America.

Chatham, MA

(GC= 69.949 W / 41.672 N)

(Chatham Lighthouse: Main St. between Water St. & Bearses' Lane)

This is a picturesque as well as DX-useful area. There's a good size parking area east of the lighthouse. Those using broadband active antennas should know that there's a 325 kHz DGPS station at the site. It can mix with the 100 kHz Nantucket LORAN signal to provide an intermod challenge to lower-quality front-end amplifiers. I'd use tuned antennas here for best results.

North Chatham, MA

(GC= 69.993 W / 41.713 N)

(Pleasant Bay: Route 28 near Harwich town line)



You go downhill into a dirt parking area that is rather bumpy. The site is primarily for European DX as it is somewhat blocked for bearings south of 75 degrees.

West Dennis Beach, MA

(GC= 70.176 W / 41.65 N)

During beach season, it will cost you \$8 to get in here. From mid-September to mid-May, the area is freely accessible and relatively uncrowded. This is a long beach, about 2 km or so. During poorer weather, with few other people nearby, you can run out some serious wire, especially at low tide. This site faces south: performance to the Caribbean, South America, and Central America can be very impressive during auroral conditions. Even on "normal" nights when I listened from there as a "kid" in the early '60s, 4VEH Haiti, then on 1035, frequently overpowered WBZ-1030. A recent daytime check revealed purely groundwave signals from WOKV-690 in Jacksonville, FL and Radio Vision Cristiana - 530 from Turks & Caicos. Until WOBM-1160 came on the air from coastal NJ, Bermuda could be heard during the day at West Dennis Beach. Cuba was also noted there during the day when it ran a superpowered rig on 830 kHz 10 or 15 years ago.

Harwich, MA

(GC= 70.04 W / 41.668 N)

(Red River Beach)

During the "off season" (October to April), the beach can be used without the otherwise-required town sticker. This is primarily a Latin American DXing location that provides a little bit of African pick-up. Europe is somewhat blocked. In the coldest weather, or during storms, you could run out some wire without bothering anyone. Broadband front ends may be challenged by a mix of the 100 kHz Nantucket LORAN and the 325 kHz Chatham DGPS. At least you don't have to worry about WCC anymore.

Orleans, MA

(GC= 69.936 W / 41.787 N)

(Nauset Beach)



This is an excellent site for DXing Europe in autumn and winter during the optimum sunset - 1 hour to sunset + 2 hours reception window. If you don't have too much company, you may be able to string some wires if you can work around the crude chicken-wire fences that are supposed to deter people walking on the dunes.

Orleans, MA

(GC= 69.953 W / 41.81 N)

(beach area: northeast end of Tonset Road, at Weeset Road)

This is an excellent site for sunset-period DX from Europe and the Middle East.

Most operation will be with car-mounted antennas, though wires up to 30 m may be used if you put them in less-likely-to-be-walked areas and if you make them hard to see.

Orleans, MA

(GC= 69.969 W / 41.754 N)

(Town Landing at east end of Portanimitic Road)

Orleans has got to be one of the greatest towns in Massachusetts for DXers and boaters alike because of its generous number of freely-accessible town landings. The Portanimitic Road site is good to Europe and great to Africa, Brazil, Suriname, the Guianas, and the eastern Caribbean. Walking into the adjacent marsh is discouraged, so stick with a loop / whip cardioid array on top of the car.

South Orleans, MA

(GC= 69.991 W / 41.735 N)

(Town Landing, off Route 28, 0.3 km N of Tar Kiln Road)

One can usually DX in relative seclusion at the tree-sheltered site right off busy Route 28. I have had some of my strongest Middle Eastern, North African, and southern European receptions from here. Latin Americans can also do well when there's a bit of aurora. This is truly a high quality location. When Sudan-1296 cruises in at better than S9 during its 0300 UTC sign-on, you know you've made a good site choice for an impromptu car DXpedition. The distance to the shore line varies considerably with the tide. At low tide time, wire antennas may be viable during autumn and winter (when boating activity tapers off).

Wellfleet, MA
(GC= 69.73 W / 41.91 N)
(Marconi Beach site)

A DX site with DX in its history. Guglielmo Marconi made the first USA to Europe "QSO" from here in 1903. There's a lot of land out there with beach grass, sweetfern, beach rose, bayberry, and a scattering of pitch pines and cedars to which you could string a not-overly-conspicuous wire. The site is reasonably "juiced up" towards Europe and North Africa. Wellfleet has Cape Cod Bay west of it as well as the Atlantic to the east, so don't expect as much rejection of New York, Boston, and Providence "pest" stations as you might enjoy at the Orleans sites. The large amount of available land can be a boon to longwave and tropical-bands DXers who just need high sensitivity set-ups (rather than strong site directionality). With a bit of planning, and a consultation with park officials, a full-blown Beverage DXpedition could be mounted at the Marconi Beach site or elsewhere in the National Seashore. Late autumn would likely be the best time for this. I think that hams have had approved Field Days and other events out there.

South Yarmouth, MA
(GC= 70.20 W / 41.65 N)
(Windmill Beach: River St. at Willow St.)

This is a great little site overlooking the Bass River near its mouth. Salt-marshes, the western end of West Dennis Beach, and open ocean are just beyond. With a car-roof-mounted loop / whip cardioid antenna set-up and a suitable receiver, you can milk out the excellent Africa, South America, and Caribbean pick-up this site has to offer just after local sunset. I've heard more Brazilians from here than from any other US site (Duxbury comes in second in that regard).

South Yarmouth, MA
(GC= 70.198 W / 41.645 N)
(Bass River Beach)

From October to April, this is a good general-purpose DX location. You might be able to string out 60 m or so of wire when cold weather reduces the amount of visitors to the beach. Receiving characteristics are somewhat like those of West Dennis, though Africa and Europe might be somewhat better due to more water on those bearings before low-conductivity sand is encountered.

A DX'er's Technical Guide

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Professional Sports Networks

Barry S. Finkel bsfinkel@ANL.gov
10314 S. Oakley
Chicago, IL 60643-2409
Network listings for team sports stations

Detroit Tigers 1999 Ernie Harwell, Jim Price (06/25/99 subject to change) (from <http://www.detroitigers.com> [via Fred Nordquist])

580 WTCM-MI	1240 WATT-MI	1380 WPHM-MI	1470 WLQR-MI
590 WKZO-MI	WCBY-MI	WPLB-MI	1490 WMPX-MI
600 WCHT-MI	1270 WMKT-MI	1400 WCCY-MI	93.7 WNBY-MI
760 WJR -MI *	1280 WFYC-MI	WRCC-MI	940 WIDG-MI
790 WSGW-MI	1320 WDMJ-MI	1450 WHTC-MI	100.1 WSHN-MI
830 WMMI-MI	1340 WBBL-MI	WIBM-MI	104.3 WCZY-MI
980 CFPL-ON	WCSR-MI	1460 WBRN-MI	104.7 WKJC-MI
1230 WSOO-MI	WMBN-MI		

Here are some flagships for the independent baseball leagues from Bob Pietsch (via e-mail).
Northern League (www.northernleague.com)

Adirondack Lumberjacks - station/announcer info unavailable
Albany-Colonie Diamond Dogs - station/announcer info unavailable
Allentown Ambassadors - 1320 WTKZ-PA; Jeff Tourial
Duluth-Superior Dukes - station/announcer info unavailable
Elmira Pioneers - station/announcer info unavailable
Fargo-Moorehead Redhawks - 1280 KVOX-MN; announcer info unavailable
Madison Black Wolf - 100.5 WTLX-WI; Rich Reynolds
Massachusetts Mad Dogs - station/announcer info unavailable
New Jersey Jackals - station/announcer info unavailable
Quebec Le Capitals - station/announcer info unavailable
St. Paul Saints - 980 KKMS-MN; Jim Lucas, Don Wardlow
Schaumburg Flyers - 1410 WRMN-IL; announcer info unavailable
Sioux City Explorers - 1360 KSCJ-IA; Todd Jamison, Chris Varney
Sioux Falls Canaries - station/announcer info unavailable
Waterbury Spirit - 1320 WATR-CT; announcer info unavailable
Winnipeg Goldeyes - CJOB-680-MB; announcer info unavailable



Frontier League (www.frontierleague.com)

Canton Crocodiles - 900 WCER-OH; announcer info unavailable
Chillicothe Paints - station/announcer info unavailable
Cook County Cheetahs - 1230 WJOB-IN; Steve Dull, Milt Pappas
DuBois County Dragons - station/announcer info unavailable
Evansville Otters - 1330 WVHI-IN; announcer info unavailable
Johnstown Johnnies - 1230 WCRO-PA; announcer info unavailable
London Werewolves - station/announcer info unavailable
Richmond Roosters - station/announcer info unavailable
River City Rascals - 590 KFNS-IL, 100.7 KZZN-MO; announcer info unavailable
Springfield Capitals - station/announcer info unavailable

Western League (www.westernbaseball.com)

Chico Heat - 1290 KPAY-CA; Rory Miller
Reno Black Jacks - station/announcer info unavailable
Sacramento Steelheads - station/announcer info unavailable
Sonoma County Crushers - 1350 KSRO-CA; Steve Bitker, David
Raymond Tri-City Posse - 960 KALE-WA; announcer info unavailable
Zion Pioneerzz - 890 KDXU-UT, 1450 KSGI-UT; announcer info unavailable

Atlantic League (www.atlanticleague.com)

Atlantic City Surf - 1450 WPPG-NJ; announcer info unavailable
Bridgeport Bluefish - station/announcer info unavailable

Lehigh Valley Black Diamonds - station/announcer info unavailable
 Nashua Pride - 1590 WSMN; Ben Cloutier
 Newark Bears - 89.5 WSOU-NJ; Dave Popkin
 Somerset Patriots - 1450 WCTC-NJ, 1040 WJHR-NJ; announcer info unavailable

Texas-Louisiana League (www.txproball.com)

Abilene Prairie Dogs - 1340 KWKC-TX; Jimmy Pogue, Tim Becwar
 Alexandria Aces - station/announcer info unavailable
 Amarillo Dillas - 1440 KPUR-TX; announcer info unavailable
 Bayou Bullfrogs - station/announcer info unavailable
 Greenville Bluesmen - station/announcer info unavailable
 Ozark Mountain Ducks - 98.7 KWTO-MO; announcer info unavailable
 Rio Grande Valley White Wings - station/announcer info unavailable

Here are two of the missing Major League Baseball network lists.

Montreal Expos 1999 (EE) Dave Van Horne, Joe Cannon (from Marc Griffin via Tom Reiser [e-mail])

580 CFRA-ON	600 CIQC-PQ *
1290 CJBK-ON	920 CJCH-NS

Montreal Expos 1999 (FF) Rodger Brulotte, Jacques Doucet (from Marc Griffin via Tom Reiser)

550 CHLN-PQ	730 CKAC-PQ *	1150 CJRC-PQ	1270 CFGT-PQ
560 KCKN-PQ	800 CHRC-PQ	1220 CFVM-PQ	1290 CHRM-PQ
590 CKRS-PQ	900 CKVD-PQ	1230 CHVI-PQ	1340 CFED-PQ
610 CHNC-PQ	910 CHRL-PQ	1240 CFIM-PQ	CHAD-PQ
630 CHLT-PQ	1000 CFLP-PQ	CJMD-PQ	1400 CJFP-PQ
710 CKVM-PQ	1150 CHGM-PQ	CKLS-PQ	CKRN-PQ

The First Day of Summer '99

By Bruce Conti

It was Mark Connelly who once said, "The DX season ends on the same day it begins, on the longest day of the year." In other words, there's no such thing as the "DX season," at least in terms of mediumwave radio. Although it's true that noise levels from thunderstorm activity can be as excessive as the summer heat, the worst of it tends to subside after sunset with the quietest conditions found during the pre-dawn hours, prime time for down-under transpacific targets. The Grayland, Washington DXpedition is traditionally held at this time of year, in part to take advantage of maximum darkness south of the Equator. Despite the increased noise around here, there is DX to be had at dusk and beyond. Summer DX is typically short-skip dominated. Many regional domestics that would be drowned by other stations in the winter can be easily logged, thanks not only to summer conditions but also to longer hours of operation at full power. For those who set their sights on targets across the pond, transatlantic DX is dominated by stations from Spain, Algeria, and Morocco, with occasional surprises from other parts of Africa.

Technically, summer began on June 21 at 3:50 pm EDT, when the sun aligned with the Tropic of Cancer. The official first full day of summer was Tuesday, June 22. With the thought of making DX on this day a traditional event, I attempted some serious listening. My loggings, although nothing spectacular, are a good example of the potential for a variety of catches in summer. DXing on the first day of summer can be challenging and interesting, but for me it's also a time for reflection, thinking about the past DX season and what lies ahead.

The Year in Brief

The 1998-99 DX season was supposed to be marked by a rise in solar activity associated with the onset of cycle 23. (Activity typically increases dramatically at the beginning of a solar cycle followed by a gradual decrease over the remaining years of the cycle.) The predicted auroral conditions would have brought about some interesting Caribbean and Latin American DX. However with the exception of a couple of briefly intense storms, the anticipated overall more active conditions never materialized. Instead, just the usual stations were heard from Colombia and Venezuela for the most part. Transatlantic DX remained rather consistent, although some of the effects of the new solar cycle were evident by the dominance of Mediterranean signals and the less than stellar performance of stations from northern latitudes. Stations such as Norway-1314 and Denmark-1062, which provided for some spectacular listening for midwestern DXers at the end of solar cycle 22, were subdued by cycle 23. Perhaps more interesting from my standpoint was the dominance of stations from Cuba, received on almost



every frequency from 550 to 970 kilohertz over the course of the season. On the domestic scene, more stations began broadcasting on the AM expanded band, or x-band. Once difficult states to hear such as Colorado and Wisconsin became easy targets, at least for me here on the east coast. The big news of the year had to be the departure of the CBC from the clear channel frequencies of 690, 940, and most recently 740 kilohertz, although it would've been sweeter with sustained auroral conditions.

Future Plans

While some doom-seers fear peak solar activity more than the Y2K computer bug due to the potential for significant disruption of satellites and power grids by geomagnetic disturbances, it now appears that solar cycle 23 will be a dud according to some forecasts. Nevertheless, DXers should expect more pronounced auroral conditions with the peak of cycle 23 expected to occur sometime between 2000 and 2003. I will continue to keep my ears open for Latin American and rare Central American openings. The Y2K bug might make things interesting for DXers if computerized broadcast networks experience any difficulties, or power blackouts occur. An economic recession resulting from Y2K might force some stations to go dark. Rather than get caught up in the millennium hype though, I'm simply looking forward to the new season. In the meantime, summer is a good time for experimenting. I hope to kick off the new season with some antenna experiments, implementing variations of the K9AY loop that was demonstrated by Al Merriman during the 1998 Newfoundland DXpedition and refined by Mark Connelly in his latest technical construction article.

First Day of Summer DX Logs

All times are EDT (UTC-4). Equipment: Drake R8B, MWDX-5 I.C.-tank phasing unit, 100-ft east sloper and 100 ft wire, both noise-reduced via 4:1 xfms and buried coax lead-ins. Location: Nashua NH

549 ENRS Les Trembles, Algeria - 6/22 2325 - Loud, at an almost local-like level with string music and Arabic vocals, the strongest of only a handful of transatlantic signals received tonight, all at the low end of the dial.

609 RNF synchros, Spain - 6/22 2315 - Fair; talk in Spanish, loud het against 640 kHz domestics, the strongest signal from Spain tonight.

640 CBN NF St. John's - 6/22 2345 - Good; classical music parallel CBA-1070, over WWJZ and het from 639 kHz. CBN is rarely heard here, with New Jersey, Ohio, Cuba, and Venezuela typically dominant.

693 RDP Terceira, Azores - 6/22 2110 - Fair; pop music over/under RNF-Spain, and at 2320 a huge signal with a man in Portuguese and light English vocals.

740 WGSN NY Huntington - 6/22 2105 - Good; AP news, IDs as "1100 and 740 WHLI" and "WHLI with the great standards of yesterday and today," with CBL-Toronto off.

740 WJIB MA Cambridge - 6/22 2310 - Fair; WJTO/WJIB ID and easy listening music over/under CHCM-Newfoundland and WMBL-North Carolina, with CBL off.

750 WAAT PA Olyphant - 6/22 2058 - Good; contemporary Christian music, full data sign-off, leaving RCR-Venezuela in clear.

750 RCR Caracas, Venezuela - 6/22 2100 - Good after WAAT sign-off, futbol play-by-play, RCR Deportes promo, faded under WSB-Atlanta by 2145.

760 WCHP NY Champlain - 6/22 2045 - Fair; gospel hymns, partial data sign-off mentioning sign-on at 0615, leaving WJR-Detroit in clear.

840 WRYM CT New Britain - 6/22 2115 - Fair; report in Spanish "...por la cadena Caracol" and local ads including mention of "salsa de Puerto Rico" event in Hartford, Radio Tropical IDs.

940 WIPR PR San Juan - 6/22 2220 - Briefly good over Radio Reloj-Cuba, "La voz del pueblo" ID and easy listening music, 2358 ID, "Esta es WIPR AM San Juan," with CBM-Montreal off.

Sign-Off

I hope this year-end report was at least somewhat interesting summer reading. Your feedback is encouraged, through Musings or the NRCDXAS e-mail reflector. Maybe this could be the start of a new tradition, leading to a year-in-review edition of *DX News* every summer. I envision an annual report featuring contributions from the membership about experiences and observations of the past season and future plans, along with first day of summer logs. What do you think? 73

Not sure about renewing?

Consider these benefits of a membership in the National Radio Club: 720+ pages per year of varied and comprehensive DX and radio information ... reduced prices for publications ... responsive editors ... and the friendliest bunch of DXers in the world! Why not send that renewal check to Ron Musco at the membership center today!

570 KLIF AM
 "TalkRadio"

Musings

of the Members

Thoughts from NRC members ... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

Dave Schmidt NRCMusings@aol.com
P. O. Box 3111
Scranton, PA 18505-0111

Times are local per Muse; submit double-spaced only.

Warren Greenburg

It's been a while since my last musing. I'm currently employed as a contract engineer for a telecommunications manufacturer, and our group is doing network integrations around the US. I missed Ray's Thanksgiving event and last year's convention because of work. With luck I'll be able to hit both of them this year. I haven't had much time at the dials, but I try to check the x-band in every city I get to.

Paul Mount - PO Box 142 - Morganville NJ 07751 <<PMountNJ@aol.com>>

Back in 1990 at the NRC Pittsburgh convention, a local CE told us how Satellite radio was coming and that terrestrial radio towers would be a thing of the past. This motivated me to photograph as many nearby AM radio towers as possible and I added the videotaping thereof in 1995. Here we are towards the end of the decade and satellite radio is still "coming", with a little bit of progress to report (such as deals between satellite radio program providers and car manufacturers) yet some AM stations are still proposing wild, "lets put up multiple towers" changes for attempts at survival in case that doesn't happen as soon as thought.

Here's some more detail on some such tower site applications: WEEU Reading PA currently operates on 850, with 1kw fulltime, one-tower day, 4 towers night, from a site just NW of Reading. Their CP involves changing frequency to 830, with 5 kw day, 6 kw night, from five towers day and night, from a site 20 miles northwest of Reading up near I-78 (in fact, the towers are up per Bob Smolarek). From the proposed patterns I saw, looks like they could legitimately ID as "Reading-Pottsville" in the daytime, and I wonder if they are thinking "Reading-Philadelphia" at night. Of course with that power they probably had to move off 850 so as not to interfere with WWDB-860 Philadelphia.

Next there's a pair of applications in Maryland that the FCC has deemed "mutually exclusive." WCBM-680 Baltimore currently runs 10kw day, 5kw from a 4 tower site Northwest of Baltimore near the I-695 beltway and I-795 that leads towards Reistertown. They want to move their tower site a few miles to the SW and increase to 50kw day, 20 kw night from a six tower site (two rows of three oriented NNE-SSW, with a tight directional beam to the ESE into Baltimore) This location is South of Wards Chapel, west of Randallstown. Meanwhile WWTL Walkersville MD currently operates on 700 khz, 500 watts daytime only from a 3 tower site SE of Walkersville and NE of Frederick with a null to the west for WLW. They had already applied for a city of license change to Poolesville and are now applying to move to a 4 tower site to just NW of Damascus, increasing to 25,000 watts, still daytime.

The latter's move is more nefarious than may be obvious; they are absolutely saying goodbye to Walkersville-Frederick and instead want to become a Washington DC station, or at least one serving some of the wealthy suburbs, most notably Potomac MD. Their new proposed pattern goes straight South, meaning anyone in Walkersville would have to DX their former local. This Damascus application ties in with another well-known application to move that has gone through a couple of modifications.

WDMV-540 Pocomoke City, a 500 watts day / 240 watts night station on Delmarva, had in 1992 been granted an application to move to Brinklow MD (halfway between Washington DC and Frederick MD), despite the fact that it would be a move of 130 miles! However Birch Broadcasting's CP was cancelled and application for extension of time denied in 1997.

Seeing opposition to the Brinklow application, WDMV also submitted a new application to change city of license to Damascus, a town about 10 miles North of Brinklow, with tower site the same one as WWTL proposes to also move to (this would be 4 towers in a parallelogram, putting their 1kw day/night signal SSE into Washington). And, there's more, there is also an application in from Chesapeake Radio to put a 1 kw, 4 tower station on 540 in Pikesville, MD using the WCAO-600 Baltimore site. Their signal would mostly go SE into Baltimore. This application would likely be mutually exclusive from the Damascus application.

I'm sure there was an argument submitted to the FCC how Pocomoke City wouldn't be without local service, as an FM on 106.5 has come on in recent years, and another argument about how Brinklow (or now Damascus) have no local service because of most of the Washington stations being directional away from that area,



at least at night. And, given the directional patterns of the proposed 540's, listeners in Pocomoke city would still hear something originating in MD on 540, even if not local.



47
570 KLIF AM
TalkRadio

Now a couple of local tower applications: WWRU-1660 Elizabeth NJ, currently running 1 kw nights from that tiny tower also used by WJDM-1530 in Union NJ, appears to be abandoning its idea to put up towers near Lincoln Highway in Linden and instead is looking to go directional at night (against the guidelines that all expanded band stations be non directional day and night) The proposed site is N 40-47-59 W 74-06-24 which, unless there's a mistake, suggests ANOTHER new site in the Meadowlands, this one BETWEEN the 1010 and 620 site, which as some of you know, is not very far (like 1/4 to 1/2 mile). The application is for 9000 watts, 4 towers night, continuing to run 10kw day non-D from the WKDM-1380 site. There is some remaining vegetation just north of the 620 site to build upon (I went there and checked!)

And speaking of WJWR-620, who moved from Livingston, east to Lyndhurst two years ago, of course there's a lot of population on the back side of their Milwaukee null, like much of Passaic County, that used to be able to hear 620 at night that can't now. So WJWR has applied for a NINE tower, 20 kw site near the Passaic/Morris County borders, west of Wayne, out near the Lincoln Park airport! Although I wrote up the 620 situation as of a couple years ago (right before the last convention I attended) some of it is too complicated to try to explain in an already lengthy muse here.

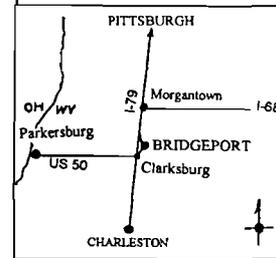
I hope to attend the 1999 convention and also visit the FCC for some more station dirt...er..information (unless its the WWJZ-640 file, then it probably is dirt); while it would make sense to be fresh off a visit when I hit the convention, I'm not sure my other travel plans would allow it, thinking of going to Detroit (on purpose!) meaning I may have to go to Washington AFTER the convention. 73

N R C ANNUAL CONVENTION

September 3-6, 1999

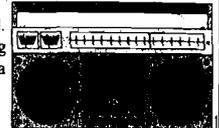
Holiday Inn

Bridgeport, West Virginia



Here's your chance to begin the autumn dx season in one of the best places we can imagine in the whole country! Just think: No big city stations for miles and miles, and pests? None! That's right! Bridgeport has no AM station, and Clarksburg several miles away has just two AMs with night operations, and they are both 1,000 Watters! Where else can you get away from it all for a terrific weekend in the beautiful hills of West Virginia with new and old friends who share your hobby?!

And it all starts on Friday, September 3rd. We'll have a reception program in that evening you won't want to miss when Bill and Brenda Swiger get things rolling for the weekend.



HERE'S THE DETAILS:

Hotel: Holiday Inn, 100 Lodgeville Road, Bridgeport, WV. 1-304-842-5411— \$70.85 including tax for a Room with two double beds and no limit mentioned on how many can be in a room. Reservations MUST be made by August 13, 1999 to guarantee this rate! Be sure to call the Bridgeport Holiday Inn directly (not through the 800 number) to get that special low rate and tell them you are with the National Radio Club.

Convention Registration: \$35 up to August 1st and includes Saturday banquet, Sunday breakfast and all the soda / beer and snacks you can snarf during the weekend. Please register by August 1st so we can be sure to have enough hotel rooms reserved. Registration after August 1st is \$40. Your registration should include your name and the name of any guest and payment for each person you are registering for the convention. Send that to:

Mr. William Swiger, One Casey Lane, Bridgeport, WV 26330.
304-842-4635

Auction items should be sent to this same address.

Travel:

Air: You can fly US Air into Clarksburg and take a taxi from there to Bridgeport. Experienced travelers in and out of Bridgeport usually find it just as easy and less expensive to rent a car in Pittsburgh (2 hours) or Columbus (3 hours) and drive to Bridgeport.

Bus: Greyhound has daily service from Baltimore, Charleston, Columbus, Pittsburgh and Washington.

Train: Train transportation to Bridgeport is not available.

A RARE OPPORTUNITY! NEW X-BAND STATION .. 1610 kHz .. and you can be on it!!

Yes, the world famous convention station will be on the air to inform and entertain you. Some of the most professional air talent in the club hits the radio waves starting on Friday for your drive in. There will be contests, and lots of fun. AM? FM? It wouldn't be DX unless you really went looking for it! So tune in 1610 as you get near Bridgeport and be sure to come see us once you're settled in at the convention hotel.