



DX Monitor

Devoted Exclusively to
Broadcast Band DXing

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DX Calendar

- Mon Nov 10 WYNN-540, Florence, SC, 0100-0200 EST, will test with music and voice IDs. Phone calls can be made to 803-662-6364. Send reports to Andrew L. Baily, P.O. Box 1586, Florence, SC 29503.
- Sun Nov 23 WAYC-1600, Bedford, PA, will test 0000-0020 EST with music and voice IDs. Will use 5000 watts 0000-0015, 285 watts 0015-0030. Send reports to WAYC, P.O. Box 1, Bedford, PA 15522.

As noted in the President's Report (Page 2), Mike Hardester has resigned as CPC Chairman. If you'd like to volunteer for the position, get in touch with Father Jack as soon as possible. Mike has done a heck of a good job getting the CPC going again, so the momentum is there for some eager DXer to take over.

Other Stuff

Beginning this week, DX Worldwide has been split into eastern and western sections. Your comments, pro or con, on this arrangement would be very much appreciated.

Charlie Taylor has sent us the name of a bumper sticker collector in Italy: Fabrizio Floridi- Via le G. de Leontini, 260 - 00124 Roma, Italy. If you collect such things, and feel like trading one of your for one from Roma or Milan, well....there 's your chance.

Anyone who is in need of foreign mint stamps for return postage can get a price list from the DX Stamp Service by sending an SASE. Their address is 7661 Roder Parkway, Ontario, NY 14519.

This is your last chance to order an IRCA Almanac at the prepublication price of \$4.50. After October 31, the information-packed book will be available at the higher (but still cheap) price of \$5.50 for members, \$6.50 for non-members. The 1980 Almanac includes Sunrise Sunset maps, a table of sunset times for U.S. cities, the Frequency Check list, complete lists of national, state, and regional network affiliates and the features the carry, lists of syndicated program affiliates, slogan list, AM/FM simulcast list, utility station list, Sports Network information, a list of the past year's station changes, and a bunch of other stuff. To order your very own copy, send a check or money order to IRCA Goody Factory, P.O. Box 17088, Seattle, WA 98107.

Also available from the Goody Factory is A DXer's Technical Guide, 100 pages of fascinating stuff on receivers, antennas, accessories, receiver modifications, and construction projects, at the low, low price of \$4.50 for members, \$5.00 for nonmembers.

Kind of a light issue this week. It's time to turn on your radios, folks. There's DX coming in! 73, bp.

★ ★ *New Members* ★ ★

IRCA—Our 17th Year

Editor: Rich Segalas • P.O. Box 26254 • San Francisco, CA 94126

New Members, Membership Renewal, Address Changes—Send to the Above Address

Bradley E. Wilkinson, P.O. Box 15044, Norfolk, VA 23511
Michael Richey, 7211 Trask Avenue, Apt. C, Westminster, CA 92683
Gary T. Shea, 3355 No. Oakland Ave., Apt. 205, Milwaukee, Wisc. 53211

Address Changes

Elliot Straus, 49 Koenig Lane, Freehold, N.J. 07728

Renewals as of 17 October 1980

Michael J. Cooper, Dennis Muskat, Steven A. Grandi, Peter A. Nolan,
Vernon L. McDonald, Kenneth W. Lackie, Frank Hostetler, Walt Breville,
J.A. Plax, Robert E. Fischer, Ron Thompson, Bill Block

A couple of error corrections from my last column:

G. Hoare, 1713 Palmetto, Ridgewood, N.Y. 11385
B.B. McClurkan, 3250 W. Bangor Court, Irving, Texas 75062

DON'T FORGET THAT ALL RENEWALS AND ADDRESS CHANGES SHOULD COME TO ME
AT THE ABOVE ADDRESS

There may be a get-to-gether at my house either Thanksgiving weekend or
the weekend before Thanksgiving. Watch this column for later developments.

president's REPORT

Father Jack Pejza
3433 Somerset Ave.
Castro Valley, CA 94546

Board Action:	PB	NHP	DK	PRM	BP	SS	GT	
9.2.1.	A	F	F	F	A	F	A	Passed
9.2.2.	O	O	O	O	O	O	A	Defeated
9.2.3.	O	O	O	O	O	O	A	Defeated
9.2.4.	O	O	O	O	O	O	A	Defeated

- 9.2.1. Confirm appointment of Dave Korinek as Publisher. Phil Bytheway resigned because of the press of other duties.
- 9.2.2. Merge WDXF and EDXF. (Submitted by Rob Harrington).
- 9.2.3. Merge EDXR, CDXR, and WDXR. (Submitted by Rob Harrington).
- 9.2.4. Drop ELT in favor of GMT in all columns. (Submitted by Rob Harrington).
- FB- Phil Bytheway; NHP- Nick Hall-Patch; DK- Don Kaskey; PRM- Paul Mount; BP-Bruce Portzer; SS- Sue Sirulnick; GT- Gerry Thomas (no ballot received).

Pending BoD approval, DXW has been split into two sections, with Neil Kazaross doing the Eastern and Central sections and Pat Martin doing the Mountain and Pacific DXers. There should be an announcement in DXW of this by the time you read this.

Mike Hardester has resigned as CPC Chairman because Uncle Sam is sending him on to advanced Navy school in medicine. We'll miss Mike in this position; in the short time he's been in it, he has done a good job. We need a volunteer to replace him in this important position. Let me know if you are interested.

73 de FJP.

Father Jack

I should have announced it before but forgot to: bids for the 1981 Convention site should be submitted ASAP. Write me for the proper forms if you are interested. One Western city is interested.

Eastern DX Roundup

Bob Lazar
3837 Milan Drive, Apt. 1
Alexandria, VA 22305
703-549-6217 until 10 pm.

Deadlines: Tuesdays 10/28, 11/4, Mon. 11/10, Tues. 11/18

- 540*WGTO*FL*Cyprus Gardens, 10/6 0026 "on the air for testing purposes at 50 kw's" by male CE. Xlnt. (WPT-DC)
980 unid FL?10/6 0018 spot for Daytona Inn after spot for Overland Parks in Fort Lauderdale. Good, then faded out. (WPT-DC) (perhaps this is WPIP (ex-WLOD) Pompano Beach, Fla. which has been granted fulltime authority--ed)
900 WAYN NC Rockingham, 10/9 1845 s/off by OM & "You're a Grand Old Flag". Fair amid QRM. #11 on 900. (WPT-DC)
1300 WMVO OH Mount Vernon, 10/8 1845 s/off by OM w/ ment of FM on 93.7 Mhz. Fair to good. #11 on 1300. (WPT-DC)
1530*WCKY*OH*Cincinnati, 10/13 0215 "WCKY conducting tests", apparent PoP test. Xlnt. (WPT-DC)
1540 WIPM NC Elkin, 10/13 1854 s/off by OM w/ frequent ments of Elkin Valley, ment 1000 watt power. Fair signal. #17 on 1540. (WPT-DC)

IT'S A LONELY WEEK HERE IN EDXR-LAND!

WPT - Bill Townshend, 4500 Connecticut Ave. NW, #901, Washington, DC 20008 (Realistic TRF)

Warning: If some different people don't report to EDXR next week, I'll have to rename this column the Bill Townshend DX Roundup (BTDXR). 73.

CENTRAL DX ROUNDUP

Robert Kramer
4639 N. Albany
Chicago, IL 60625

UnDed, Special, Changes, et. al.

- 890 WIS CHICAGO, 10/6 0341-0430, in rare silent period, except for 10 sec. OC at 0417, left a perfect path open to much desired Columbian on this freq.. Noted testing W/R&R at 0430. RG-IL
- 570 WMAX SD YANNTON, 10/4 0430-42, extremely poor O/garbage W/Nx, ID, OM reading local sports scores, many from SD conference. RG-IL
- 910 KRIO TX MCALLEN, 10/6, 0439-0448, very poor U/KPOF & WIGS mix, W/RR & OM DJ who said "music for you all night long on RIO". RG-IL
- 980 WAZS SC SUMMERVILLE, 10/11 0600 fair-good W/SSB S/On, WONE nearly nonexistent during aurora (a index of 34). RK-IL
- WBZK SC YORK, 10/11 0700 atop freq., but fair, W/S/On just prior to WAZS SSB. RK
- 1190 WJES SC JOHNSTON, 10/12 0250 good even W/WOWO, W/ET TP, ID at 0156. RK-IL
- 1230 WSOK GA SAVANNAH, 10/13 0343 atop channel W/ID, unnn. RK-IL
- 1330 WKFA AL SCOTTSBORO, 10/9 0700 fair U/KUKU SSB W/S/On, RK-IL
- 1340 KRCC MN ROCHESTER, 10/11 0539 dominating channel W/Sports, unnn. RK-IL
- WKRM TN COLUMBIA, 10/12 0400 fair W/ID. RK-IL
- WKGN TN KNOXVILLE, 10/12 0209½ fair W/PSA, unnn. RK-IL
- 1400 WJJK WI EAU CLAIRE, 10/7 0200 fair-good W/SID, Mutual NX. RK-IL
- 1440 KPUR TX AMARILLO, 10/6 0209-0225 poor U/WROK W/RR mx, several "14 KPUR" IDs. RG-IL
- 1580 WJIK NC CAMP LEJEUNE, 10/7 0715 fair, mucho WONX slop, W/S/On. RK-IL

Freak Check

- 790 KGHL MT BILLINGS, 10/6 0245½-0258½ poor U/WAKY & WMC pests" W/TT & ID. RG-IL
- 860 WEVA VA EMPORTA, 10/5 0001-0010, poor U/WDMG W/TT per list. RG-IL
- 950 KFSA AR FORT SMITH, 10/6 0140-0144½, fair O/KIMN & WKAZ pests W/TT per list. RG-IL
- 1340 WCDT TN WINCHESTER, 10/13 0311-0335 fair-poor on unsked F/C, dial tone, only one ID hrd (about 30 sec. after check began). RK-IL
- 1550 WIRW KY IRVINE, 10/4 0308-0315 O/pest KKJO W/TT per list. RG-IL

The Illinois Connection

RG.... Rob Gerardi 1418 N. Lincoln, Apt. D Benton, IL 62812 TRF
RK.... Robert Kramer 4639 N. Albany Chicago, IL 60625 HQ-129-X, HQ-100C, loops, LW

RK's progress report

	Last week	This Week	New	To Go
Heard	2789	2793	4	207
QSLed	1806	1819	13	181

WESTERN DX ROUNDUP

Nancy Hardy
2301 Pacific Avenue
Aberdeen, WA 98520

All times are
Eastern Local

Phone for hot WDXR tips: (206)532-6827 till 10:30pm(FLT)--no collect calls

DEADLINES: Thursdays 10/30, 11/6, 11/13, Wednesdays 11/19, 11/26

REPORTERS FOR THIS ISSUE:

- (NHP) Nick Hall-1538 Amphion Street-Victoria, BC V8R 4Z6
Transmogriified HRO, FET AA loop
(MH) Mike Hardester-574 Deer Springs Road-San Marcos, CA 92069
SPR-4, R. West ferrite loop
(BH&NH) Bill & Nancy Hardy-2301 Pacific Ave.-Aberdeen, WA 98520
FRG-7, SM-1
(JH) John Hart-P.O. Box 644-Carlin, NV 89822
Panasonic RF-594
(JKL) Jack Latteman-314 NE 56th Street-Seattle, WA 98105
Modified FRG-7, R. West MW-1 ferrite loop
(PT) Pete Taylor-2614 Jackson Street-San Francisco, CA 94115
(RW) Robert Wien-1309 Dentwood Drive-San Jose, CA 95118
GE long-range portable, SM-2

- *****
700 KBYR AK, Anchorage 9/25 0919 "7-oh-KBYR" ID noted, fair after old rock mx. (NHP-BC)
740 CBL ON, Toronto 9/26 0554 ID, invitation to listen to "Metro Morning" program, nice folk guitar inst. by John Fahy, vocal by Anita Kerr singers. Good in KCBS null. (JKL-WA)
750 KFQD AK, Anchorage 9/25 0130 huge signal w/Chuck Berry mx, ID & TC. Dominating channel. (NHP-BC)
760 WJR MI, Detroit 10/2 2215 hrd loud & clear o/u KFMB w/Tigers--Yankees baseball game, ID "You're listening to WJR, Detroit."
780 WBBM IL, Chicago 10/2 2345 w/good sig "Newsradio 78," (JH-NV) / (JH-NV) promo for (Chicago) Tribune. No sign of KCRL! (JH-NV)
850 KTAC WA, Tacoma 10/4 2315 beware! We hrd a jingle for "K-L-O-Z, F-N, means clothes from Frederick & Nelson." They've run this jingle on TV ads for this department store, & it's likely it runs on other top 40 outlets in this region such as KJR-950. (BH&NH-WA)
910 KMJC CA, El Cajon changed formats today 10/1, to canned religion (taped pgms). Noted 1030(ELT) w/local relig. pgming & IDs as "K-Magic." Format was (my favorite) oldies. No previous ancmnt & was doing oldies up to 2230 on 9/30 when last hrd. "Serving the inspirational needs of San Diego, at nine-ten on your dial, this is K-Magic, San Diego. Owned by the Gates Company." (MH-CA)
960 KDOT UT, Provo 10/7 1702 ex-KAYK 1st time hrd w/new all. ID as "The station that loves you, the all new 9-60, K-D-O-T." (JH-NV)
1000 KXRB SD, Sioux Falls 10/7 1636 good sig., "Oct. is Country Music Month" w/ address given. New. (JH-NV)
1010 KIQI CA, San Francisco now SS, ID as "La Grande." (PT-CA)
1050 KBLE WA, Seattle 10/7 1845 w/relig. program, ID. Popped out of nowhere. New. (JH-NV)
1100 WWWE OH, Cleveland 10/3 0420 good sig, w/local wx, beauty contest promo, ID "11-hundred, 3WE." (JH-NV)
1120 *KPNW* OR, Eugene-Springfield 10/13 0320 w/OC. (RW-CA)
1140 WRVA VA, Richmond 10/3 0334 good sig. at first, then some fading. "Big-time radio in Richmond, VA." Truckin' program. Strong QRM. National wx given by alphabet. "W-R-V-A" ID also. (JH-NV)
1210 WCAU PA, Philadelphia 9/27 1253 PA nx, TC/ID "1255 WCAU Newsline," ads. Fair to good on night of TA opening. (JKL-WA)
1370 (KEEN) CA, San Jose 10/10 0300-0330 totally off. (RW-CA)
KSOP UT, South Salt Lake 10/10 0312-0325 good o/KWRM w/ads, wx, nice IDs. Not new, but gave address as P.O. Box 25548, SLC, 84125.
1450 KYOU CO, Greeley 9/30 2340 & 10/1 0010 good sig o/jumble, / (RW-CA) w/C&W mx, ID "KYOU Country, K-you Country." (JH-NV)
KVSI IL, Montpelier 10/1 0815 ID, wx, farm nx, Howard Cosell at 0825.
KRZY NM, Albuquerque 10/1 0500 ID, C&W mx, "Workingman of / (JH-NV) the week," good signal. (JH-NV)
1470 CKO PQ, Pointe Claire noted "Oh Canada" weakly 9/22 0600, then a sort of music box, followed by "...CKO...good morning Canada" & into nx. Much wanted. Not even any CJVB OC this AM. (NHP-BC)
1490 CJPR AB, Blairmore 9/22 0306 "CJPR Crow's Nest Pass Radio" ID after nx and sports. Not //CJOC at this time? (NHP-BC) (The town of Blairmore is now part of the "Municipality of Crownest Pass."-NH)

- 1560 KPMC CA, Bakersfield appears to be running live local country mx after midnight. One cowboy announced "7 nights a week on KPMC, midnight to 2 Mon.-Sat. 11-4 on Sunday." Don't know if they s/off at all on MM. This heard on 9/22. (NHP-BC)
- 1570 CKLM PQ, Montreal 10/1 2302 FF w/nx, pop rr mx, very strong sig. faded out to CKLQ. New. (JH-NV)

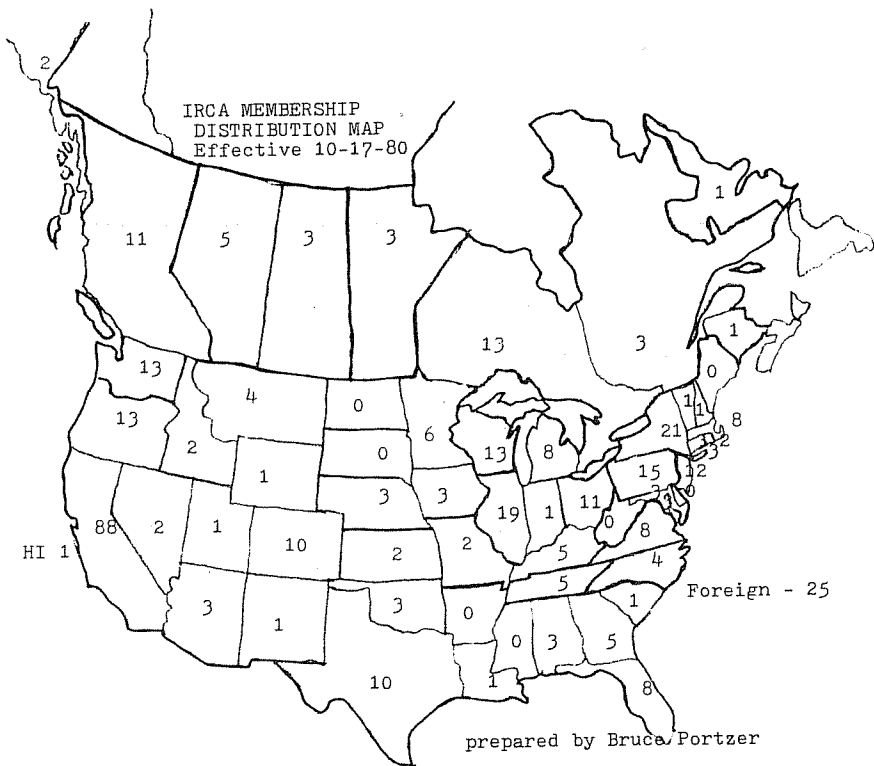
DX TEST:

540 *WGTO* FL, Cypress Gardens 10/13 0302-0357+ signing on 3 hours late for test, but finally on in CBXQ null. Quite weak but steady w/ rr mx, voice IDs, jingle IDs, & 1 kHz tones at various times. New, state #40. A first-rate & first-quality DX test, tnx to Mike Hardester for a fine choice for a test. (RW-CA)

UNID's:

- 770 10/11 0723 strong in KOB null w/mx like Everly Bros. & other older rr. Long, deep fades. Still in as late as 0816 so doubt WABC, or a KXA ET, possibly KUOM ET or maybe KTWG, hi. Any new AK's or HI's out there? Help! (RW-CA) (KXA is now fulltime w/oldies!--NH)
- 990 9/22 0430 rocker here w/EDT TC. Fair to poor, but no useable ID. WNOX seems likely per loop, format & TC. Some Latin interference. (NHP-BC)
- 1239 Noticed 1 kHz whistle off KROY while driving around Marin county (San Rafael) 10/5 and it was still there 10/10 but can't pull any audio out. Loud days, suspect KESE. (PT-CA)
- 1370 10/10 0318 unID C&W fading o/KSOP, but gone before ID. Looped NE. CPOK?
- 1510 10/13 0247 unID OC strong in KXX null, nulled at same time. / (RW) This could be unID that's been testing SSS+ lately, w/tone slopping 1490-1510. Possibly KDJQ, but pre-midnight testing is illegal. This one also had rr mx a few seconds at 0315, then off w/no ID. (RW-CA)

Looks like not too many people in WDXR-land are DX'ing. Not even any new reporters to welcome, or any "penguin flipper awards" this week, hi. ☺



DX Worldwide



Neil Kazaross

Editor

All times UTC
Deadline Tuesdays

Union College Box 1024-Schenectady, NY 12308 - 518-370-6835, 1200-0030 ELT

Since this is my first column I'll start with a brief intro. I'm a 22 year old Senior at Union College majoring in Electrical Engineering. I've been a member of NRC for three years and I just recently joined IRCA.

DXWW has been split into two parts: DXWW East and DXWW West. DXWW East is for DXers living in the Central and Eastern time zones and eastward into Europe and Africa and will be edited by myself. DXWW West is for DXers living in the Mountain and Pacific time zones and westward into Oceania and Australia and will be edited by Pat Martin- P.O.Box 843, Seaside, OR 97138.

TRANS-ATLANTIC DX ROUNDUP

- 549 ALGERIA Oran 0014 Sept 19, poor w/AA moaning. (Connelly-MA)
567 IRELAND Tullamore 0519 Sept 20, strong w/OC & TT before normal s/on; fading down to poor at 0600 when noted w/EE talk. Noted poor w/EE mx 0601 Sept 28. (Connelly-MA)
585 SPAIN Madrid 0521 Sept 20, poor w/YL in SS. (Connelly-MA)
612 MOROCCO Sebbaa Aïoun 2334 Sept 8, pr-fr w/AA chants. (Kaz-RI)
612 UNIDS 0523 Sept 20, two OC's here w/SAH (probably Morocco/Ireland) (Connelly-MA)
693 ENGLAND Droitwich 0318 Oct 3, good w/EZL mx & "BBC Radio 3" LD by YL. (Kaz-NY)
702 MOROCCO Sebbaa-Aïoun 2347 Sept 1, pr-fr w/African mx. (Kaz-RI)
747 t HOLLAND Lopik 0529 Sept 20, poor w/OM&YL in Germanic lang. (Con-MA)
756 W.GERMANY Braunschweig 0015 Oct 3, fair w/folk-rock vocal. (Con-MA)
765 SENEGAL Dakar 2336 Sept 14, good w/OM in AA, low modulation. Loud w/children singing, then West African plucked string instrumental mx at 2353 Sept 17. (Connelly-MA)
774 SPAIN syncros 2357 Sept 17, v.good w/soft jazz. Noted w/ OM in SS fair O/SAH pile & WABC slop 0604 Sept 28. (Connelly-MA)
782 PORTUGAL Porto-Miramar 0605 Sept 28, fr-gd w/jazz then PP talk.(Con)
783 E.GERMANY Burg 0013 Oct 3, Musak, good but strongly hetted by 782 - Portugal. (Connelly-MA)
819 ANDORRA La Vieja 0530 Sept 20, good w/ YL in FF. (Connelly-MA)
819 t MOROCCO Rabat 0608 Sept 28, poor w/ apparent AA wailing. (Connelly-MA)
873 SPAIN Zaragoza 2345 Sept 8, pr-fr w/ orchestral mx. (Kaz-RI)
873 W. GERMANY Frankfurt 2350 Sept 8, poor w/ rock mx & AFN EH ann. during fade of the Spaniard. (kaz-RI)
891 ALGERIA Algiers 2328 Sept 14, xlnt w/ AA vocal . Blasting in w/ gypsy- style violin mx, 2313 Sept 21. At local level, annihilating WLS w/ male AA chanting & strings 0023 Oct 3. (Connelly-MA)
Noted w/ tremendous sig. w/ AA talk 2332 Sept 8. This is the strongest TA in KI now. (Kaz-RI)
1044 MOROCCO Sebbaa- Aïoun 2348 Sept 14, pr-fr w/ jazz drum solo, slopped by WHN. (Connelly- MA)
Poor in WHN slop w/ Rock mx & FF ann. 2320 Oct 3. (Kaz-NY)
1062 Portugal Norte- Azurara 0045 Oct 3, cl mx on strong carrier, but audio weak, barely making past slop. (Connelly-MA)
1188 UNID 0041 OCT 3, w/bits of mx. (Connelly-MA)(Probably Hungary or Ireland- ed.)
1205 t FRANCE Bordeaux 0550 Sept 28, Strong OC noted before start of programming - soon faded. (Connelly- MA)
1269 W.GERMANY Neumunster 0035 Oct 3, fair in slop w/ uptempo big band mx. (CONNELLY-MA)
1287t CZECHOSLOVAKIA Praha-Melnik 0034 Oct 3, assumed w/ bits of opera, poor w/ pronounced SAH present. (Connelly-MA)
1349 MAURITANIA Nouakchott 2330 Aug 28, pr-fr w/African mx. (Kaz-RI)
1395 ALBANIA Lushnje 2315 Oct 3, fr-gd w/ JS talk by OM. (Kaz-NY)
1422 W.GERMANY Saarbrücken 0512 Sept 20, poor w/bits of pop mx; unid second station under possibly in AA - SAH of 2.8 Hz. (Connelly-MA)
1557 FRANCE Nice 0501 Sept 20, loud w/ nx in FF. (Connelly- MA)
1578.6 UNID 0548 Sept 28, poor w/ African sounding mx - maybe just the Juban. (Connelly- MA)
1584 UNID 0500 Sept 20, carrier ratpack on this GY channel. (Connelly)
1593 W. GERMANY Langenberg 0458 Sept 20, fair w/ OM in GG . Good w/ YL GG pop vocal at 0420 Sept. 28. (Connelly-MA)

PAN-AMERICAN DX ROUNDUP

- 550 VENEZUELA Caracas YVKE 0414 Oct 8, way on top w/ R.Mundial ID & TC (Kaz-NY)
- 570 VENEZUELA Villa de Cura YVLX 0346 Sept 14, good w/ Rumbos pgm. w/ frequent doorbell chimes & SS talk, mixed w/ .MCA & others. (Con-MA) Noted u/mess w/ doorbell chimes //670 w/ rx at 0401 Oct 8. This gets out quite poorly for listed 200kw. (Kaz-NY)
- 620 DOMINICAN REPUBLIC Santo Domingo HISD 0323 Oct 8, xlint w/ LA mx & Radiotelevision Dominicana ID & TC during semi AU cx. (Kaz-NY)
- 640 COLOMBIA Santa Marta HBJJ 0603 Oct 8, good u/ Cuba w/ many RCN ID's (Kaz-NY)
- 660 UNID 0455-0500 Oct 8, noted w/ soft Musak & SS ann. during WNBC rx. Lost at 0500 ID time as .NBC had T40 mx which wipe them out. This was not // the Cuban Progreso net. so it must be something else. (Kaz)
- 825 ST. KITTS Basseterre K. Paradise 0116 Oct 2, per Portzer tip this has moved here from 1265. Noted xlint w/ID lightly spotted by wGY which is only 4 miles away. (kaz-NY)
- 860 NETHERLANDS ANTILLES Curacao PJC2 0255 Oct 6, PJC2has apparently moved here from 850 and raised power considerably. They play EE pop and some SS songs and songs in what is apparently a dialect I'm not familiar with. The only ID's are the SID in JS " Ocho Cincuenta" There is occasionally talk in a SS sounding dialect. At 0700 they s/ off w/ only the SID. I' ve heard mentions of "... Antilles" & Papiamento. Ernie Cooper has heard them in Papiamento. I've no idea what Papiamento sounds like. I also heard a song which mentioned Curacao many times. (Kaz-NY)
- 870 PUERTO RICO San Juan WROA C338-0352 Oct 8, is now SS . noted good o/WWL w/ San Juan ments. & Radio "Whoa"(as one would say to stop a horse) ID's. Lively LA mx. (Kaz-NY)
- 870 CUBA Sancti-Spiritus CMHB 0608 Oct 8, fair U/WWL // 880. (Kaz-NY)
- 940 MEXICO Mexico City XEQ 0613 Sept 28, dominating the channel w/ SS sporting event and frequent ment. of Mexico City & Distrito Federal (Connelly-MA)
- 1080 VENEZUELA Barcelona YVQJ 0333 Oct 8, w/ ID after LA mx then Rumbos nx w/ doorbell chimes, U/AU weakened WTT. (Kaz-NY)
- 1080 VENEZUELA Maracay YVNR 0334 Oct 8, fading in w/ YVQJ u/ WTT. w/ R. Mundial ID . Another LA noted way u/ toc. (kaz-NY)
- 1100 ANTIGUA ZDR 0402 Sept 14 , good atop JS LA's w/ BBC nx relay, WWTB nullied. (Connelly-MA)
- 1150 + CUBA/VENEZUELA suspected here w/ an OM speaking o/ LA mx during AU. There have been heard like this in the past. (Kaz-NY)0210-0215 Oct 8.
- 1180 UNID 0220 Oct 8, noted w/ Cuban Reloj u/WIAK w/ romantic LA mx.(KAZ)
- *****

Western members please remember to send your reports to DXWW West editor. Pat Martin - P.O. Box 843, Seaside OR 97158.

CONTRIBUTORS

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Narragansett RI - R390A, two beverages, Sanserino loop.

1981 World Radio TV Handbook Pre-publication Discount The 1981 WRTH will retail at \$17 in the U.S.A. orders are now being taken at \$15 per copy including UPS or Book Rate shipping of copies when received early in 1981. The deadline for orders is 10 December 1980 after which time the price will be \$17. Orders should contain check or money order payable to DONALD ERICKSON. Please enclose a self-addressed, stamped envelope for confirmation of shipment. Canadians may enclose an unstamped envelope with return address and should use only International Money Order or Canadian Postal Money Order payable in U.S. dollars. All orders should specify 1981 WRTH on the outside of the envelope and be mailed no later than December 10, 1980, to: Donald Erickson, 6059 Essex Street, Riverside, Calif. 92504. 1980 WRTHs are no longer in stock; they may still be ordered from Watson-Guptill in Cincinnati. All orders are accepted with a guarantee of immediate refund at any time before shipment, without question. Inquiries welcome at 714-687-5910 until midnight PST.

DX Worldwide - West

POST OFFICE BOX 843 - SEASIDE, OREGON 97138 - 503 - 738 - 3198 - DEADLINE TUESDAY

Welcome to DX Worldwide-West! There are now two DX Worldwide sections. People in the Central and Eastern time zones please report to Neil Kazaross and if your in the Mountain and Pacific areas (including Australia, New Zealand, Japan, etc.) please send your reports to me at the above address. Thanks. I am very pleased to take over part of this section as Elliot Straus has done a great job. We only have reports from a couple people this time. Thanks to Neil for forwarding the reports to me. Here goes:

TRANS-ATLANTIC DX ROUNDUP

- 756 t WEST GERMANY, DLF assumed the one w/ YL in unid lang. briefly in well at 0431 9/26, faded until 0434, back 0446-0449 w/ light inst. mx and YL talk. (Portzer)
*also noted quite strong for a few minutes at 0444 on 9/26 in GG? (Martin)
- 846 t ITALY, Rome??, possibly the one here with Om in language which sounded SS or Italian, at 0358 on 9/27, soon lost to KTAC slop. (Martin)
- 873 WEST GERMANY, Frankfurt-AFN heard well several evenings with light Inst. mx and once with Football Game (9/29) at 0445. Quite strong. (Martin)
- 882 t WALES, BBC strong het on KRWN/WCBS, various times 0333 to 0500 on 9/26. But best from 0409 to 0414 w/bits of Pop Mx surfacing through 880 slop. (Portzer)
*Also noted several evenings from 0200 to 0500, with mx. Caught good sig. on BBC mx at 0400 on 9/28, also pips on the hour. (Martin)
- 891 ALGERIA, Alger-heard quite well several evenings with chanting and man in unid lang., sounded close to Arabic. Heard the best at 0350 on 9/26. Taped rep. sent. My first African. Anybody know if they verie? (Martin)
*UNID, het 0334, 9/26 looping around 40-60 degrees (too much WLS to get decent bearing). Het loud at times but too much slop to get audio. Gone by 0500. Algeria? (Portzer) (Bruce this was probably Algeria, as I was getting a strong signal at times here, Neil K. said that he was getting a strong signal alot of the time back in N.Y. It looks like Algeria has boosted power, as they never have been as strong as now. Maybe a megawatt.)
- 1017 t WEST GERMANY, SWF-presumed the one with YL in GG, then into Inst. mx at 0440 on 9/27, soon lost to 1020 slop. (Martin)
- 1044 EAST GERMANY, DDR- good signal with OM in GG (mx?) at 0400 on 9/27 (Martin)
- 1197 UNID, VOA likely w/weak carrier almost producing audio, from 0346 to 0429 on 9/26. (Portzer)
- 1206 UNID, het on R. Cayman at 0350 on 9/26. A few bits of audio trying to get through. France? (Portzer)
- 747 UNID, weak het at 0443 9/26. Hadn't been there earlier. Holland suspected. (Portzer)

This has been one of the best openings I have ever experienced for TA's. Thanks to Bruce Portzer and Dave Williams for the phone calls.

PAN-AMERICAN DX ROUNDUP

- 834 t BELIZE, R. Belize at 0729 on 9/22, apparently on w/ Jazz. Still there at 0821 w/ soul mx. I wonder why?? (Portzer)

TRANS-PACIFIC DX ROUNDUP

- 576 USSR, Khabarovsk, assumed the YL vocal, good in passing at 1339 on 9/25. (Portzer)
- 585 UNID, good carrier, little audio at 1340 on 9/25. Probably China or USSR. (Portzer)
- 594 JAPAN, Tokyo-JOAK-fair w/man in JJ at 1341 on 9/25. (Portzer)
- 648 USSR, Iman-good w/Kremlin chimes at 1330 9/24, then KK talk. (Portzer)
UNID, weak oriental talk w/USSR at 1330 on 9/24, soon faded. (Portzer)
- 650 ALASKA, Anchorage-KYAK good w/local ads and promo, then C&W mx at 1331, 9/24. (Portzer)
*Also good with C&W mx at 0557 on 9/25, under/over KORL (Martin)
- 657 NORTH KOREA, Pyongyang-good with om in KK at 1300 on 9/15. (Martin)
- 660 ALASKA, Fairbanks-KFAR-fair through KBOI slop w/Pop mx and ACN mx at 0555 on 9/26. (Portzer)
*Good with Pop mx and local ads at 0615 on 9/23. (Martin)
- 666 USSR, Komsomolsk, Jazz mx mixing w/JJ at 1337 on 9/24, also // to 4485 KHZ. (Portzer)
- 670 ALASKA, Dillingham, KDIG hrd. 0647 to 0715 on 9/22. Had ID at 0700 and then into NPR prog. WMAQ was nulled out and sig. was weak but steady. (B. Block)
UNID, 1 KHZ TT under KBOI at 1337, 9/24. Also 1320 9/24 Someone o/KBOI w/ talk on voting by racial minorities. Only possibility seems to be KDIG, unless spurs. (Portzer)

- 693 JAPAN, Tokyo-JOAB, fair in JJ, // to 747, etc. at 1351 on 9/23 (Portzer)
 711 AUSTRALIA, Launceston (Tasmania) hrd with ABC mx at 1300, Local mx at 1302 some
 KIRO slop, but holding its own, on 8/12 (Martin)
 750 ALASKA, Anchorage-KFQD hrd from 0636 to 0645 with Million Dollar Weekend ID at
 0637 then into oldies on 9/22. (B. Block)
 780 ALASKA, Nome-KNOM hrd 0747-0810 On 9/22. Had mx at 0755 by YL. Had a long wx rep.
 from 0800-0804. Gave time and temp. at 0805. No ID but gave as "It's ___ in the
 Gold Rush City." (B. Block)
 *Also hrd. with C&W mx at 0745 on 9/26. Good sig. with KCRL off. (Martin)
 *KNOM hrd. at 0738 on 9/22, good to fair with wx for Western Alaska in WHEM null.
 790 ALASKA, Glenallen-KCAM, hrd with ID at 0730 then into "Night Sounds" (Portzer)
 (rel. prog.), on 9/26. New! Reported and verified. (Martin)
 800 ALASKA, Juneau-KINY hrd with Pop mx and ID after record at 0715 on 9/26. Haven't
 hrd. in years. (Martin)
 810 JAPAN, Tokyo-Far East Network hrd. with end of Rock prog., and nice ID at 1400
 on 9/14. Reported and verified. New! (Martin)
 819 NORTH KOREA, Najin-strong KK talk at 1350 on 9/23, then March mx. (Portzer)
 837 CHINA, Dominant w/violin mx, // to 6665, from 1251 to 1303 on 9/24. Usual 5 & 1
 pips at 1300 over two other sets of pips. (Portzer)
 JAPAN, Niigata-JOQK good w/interviews in JJ at 1337 on 9/23 over unid CC mx.
 855 CHINA, Shanghai-CPBS 2nd prog. fair w/CC talk from 1321 on 9/24 (Portzer)
 77 to 7770 KHZ w/piano mx at 1343, through splat from local KTAC-850 (Portzer)
 864 JAPAN, Muroran-Asahikawa-JOQF/JOHE good to nil o/u HLKR from 1306 to 1331 on
 9/25 w/rock mx and YL ann., // to JOHR-1287. Not bad for a pair of 3KWerst!
 SOUTH KOREA, Ganreuny-HLKR, hrd. with flute mx, KK ann. then (Portzer)
 3 & 1 pips, hrd. from 1359 to 1400 on 9/23 o/unid. JJ. (Portzer)
 JAPAN, Muroran-JOQF-hrd. with ID on hour "JOQF"-call in EE at 1300 on 10/3.
 875 NORTH KOREA, Wonsan-usual male KK harangue at 1246, 9/26, fair w/ (Martin)
 het on JOGB-873. (Portzer)
 882 SOUTH KOREA, Daegon-HLKI, weak w/female operatic vocal, // to HLKR-864, from 1341
 on 9/26. (Portzer)
 918 UNID, het at 1344 on 9/24, too much slop from local KIXI-910 to get audio.
 963 UNID, China suspected w/operatic vocal, then YL in UNID lang. at (Portzer)
 1349 on 9/24. more opera v. mx at 1350, then abruptly faded. Again from 1343-
 1355, 9/24 w/ CC mx & talk. Harp mx at 1355, then gone as tho they signed off.
 Sig. was strong on peaks, but suffered from sudden deep fades and slop from KJR
 950 KHZ. Lang. didn't sound like standard CC, although mx hrd. had a CC flavor
 to it. Didn't find any SW parallels. Help. (Portzer) (Bruce: The Far East Radio
 Log has three CC stations listed: Zhejiang PBS, Liaoning PBS, and Peking. All 3
 stations are near the coast, so could be any or all if they were in //-P.M.)
 963 JAPAN, NHK 1, pips weak barely above noise at 1400 on 9/25. (Portzer)
 1008 JAPAN, Osaka-JONR-fair w/JJ, YL through KOMO-1000 slop at 1407. 9/23 (Portzer)
 1017 SOUTH KOREA, Andong-poor w/Inst. mx and bits of KK talk at 1357 on 9/24, three
 and one pips mixing w/NHK pips from JOLB at 1400. (Portzer)
 1044 CHINA, great w/vocal mx. at 1248 on 9/26. (Portzer)
 1107 UNID, 2 stations weak at 1253 on 9/26, one w/Chinese-like mx, the other w/man and
 Woman in JJ or KK. (Portzer) (I've hrd. a couple JJ's on 1107 KHZ, JOHR and JOCF,
 also a unid under them, poss. CC-P.M.)
 1197 UNID, oriental talk at 1303 on 9/26, YL in what sounded like JJ. Too much CKDA/
 KEY slop to ID. (Portzer) (Just received a verie from JOBF-Kumamoto, sounds like
 it may have been them.-PM)
 1206 CHINA, Yanji, Yarbian PBS, seemed to have JJ talk as well as the usual KK at 1305
 on 9/26, w/good sig. Also on 9/14 w/ YL in KK. (Portzer)
 1250 ALASKA, Homer-KBBI-hrd. at 0758 on 9/22 with ID by laid-back ann., then show
 tunes, good in CKOM null. Also at 0844 w/Marine wx, then theme from Born Free.
 (Portzer) (Great catch Bruce!-PM)
 1287 JAPAN, Sapporo-JOHR-fair w/Pop tunes at 1315 on 9/26. Then man and woman in JJ.
 1413 UNID, het on high side of CFUN-1410, at 1248 on 9/25, too much splat (Portzer)
 to get audio. (Portzer)
 1476 CHINA, CPBS-2, good at 1130 on 9/14 w "Zhongyang Renmin Guangbo Diantai" ID by YL
 then what sounded like rx by CM in CC. ID at 1145, then talk. (Portzer)
 U.S.S.R., 1130 on 9/14, R. Moscow IS weak w/ China. Bits of KK talk surfaced
 during next half hour, then IS again 1200. (Portzer)
 1566 SOUTH KOREA, Cheju-HLAZ, fair w/KK talk at 1126 on 9/14. (Portzer)

VERIES:

- 540 AUSTRALIA, Longreach-4QL, rec. normal ABC card in 2 wks. no signer (Martin)
 550 ALASKA, Anchorage-KENI-sent nice letter verie with KENI T-shirt in one wk.
 signer- Kent Byus-P.D. (Martin)
 630 AUSTRALIA, Townsville-4QN, rec. normal ABC card in 3 wks, no signer (Martin)

729 AUSTRALIA, Adelaide-5CL, rec. large ABC card in 2 months-no signer (Martin)
 756 CHINA, CPBS detailed card rec. in 3 wks, no signer (Martin)
 790 ALASKA, Glenallen-KCAM-rec. letter veris w/postcard of tower & Mountains-
 in 10 days-signed by Carlyle Callis-GM. (Martin)
 810 AUSTRALIA, Bega-2BA-normal ABC card rec. in 6 wks from Sydney. (Martin)
 JAPAN, Tokyo-Far East Network-rec. unsigned card in 17 days. (Martin)
 837 JAPAN, Niigata-JOQK, rec. NHK card in 28 days. (Martin)
 882 CHINA, Fujian PBS card rec.-detailed in 3 wks, no signer (Martin)
 891 JAPAN, Sendai-JOIK-rec. detailed letter from NHK office in Tokyo. (Martin)
 1017 JAPAN, Fukouka-JOLB-nice hand written letter and photos of station, in 3 wks.
 1035 CHINA, CPBS-rec. detailed card in 3 wks. (Martin) (Martin)
 1143 JAPAN, Kyoto-JOBR, nice card rec. in 2 weeks. (Martin)
 1170 CHINA, Japanese Dept. veried rep, in 3 wks. (Martin)
 1197 JAPAN, Kumamoto-JOBF-sent nice card and hand written letter-5KW, received in 3
 wks. Signer in JJ lang. (Martin)
 1206 CHINA, Yanji, Yanbian PBS, sent v/q in 2 wks for EE rpt. sent to Beijing (Portzer)
 1332 JAPAN, Nagoya-JOSF-sent vq in 10 days w/ details. (Martin)

Thanks to these reporters:

Bill Block-- 9307 S.E. Clay St.-Portland, Or. 97216
 Hammarlund HQ0140XA-Radio West Loop

Bruce Portzer--6546 19 NE-Seattle, Wa. 98115
 HQ 180A-4 Foot loop, SB 620 Panadapter, FRG-7

Yer Editor-- E.H. Scott (RBO-2)-230 foot LW/4 ft. Box loop/3 Ground Radials

 Kanadian Korner...Knews from "The Frozen Knorth"...October 15, 1980.

550 ON CHNO Sudbury wants 50kw. days
 570 NB CJEM & twin, CKMV-1490 will drop all SRC (CEC French) soon.
 580 PQ CHLC & twin, CFRP- 620 join "Le Réseau Radiomutuel" Network.
 730 NB C Grand Falls 10kw. d/n wants to twin CJCJ-920. Delete 1240.
 740 BC CBRN 1prt moves to 90.7 FM.
 740 PQ CCSI-13 1prt is ex CBGL...now relays CCSI-FM Sept-11es.
 790 PQ CKSH Baie-Comeau 1/4kw. Box 260, 42 Place Lasalle G4Z 2H1 is on.
 910 ON CKLY drops all CBC...now available via CBCEP-FM 95.5
 910 PQ CHRL joins the "Télémedia" Network of Quebec
 1130 PQ CBGA-10 1prt is ex CBFR
 1140 PQ CCSI-1 1prt is ex CCFJ...relays CCSI-FM.
 1220 NB CKWM Moncton wants 25kw. d/n.
 1220 PQ CCFM Amqui is on (twins CCFP-1000) & joins "Télémedia"
 39 Saint-Benoit Blvd. GOJ 1B0
 1230 ON CFFA Uncle Dan Says (Sys) this one will get new calls.
 It's time! PA stood for old Port Arthur.
 1230 PQ CCSI-2 1prt is ex CEDR...relays CCSI-FM.
 1240 PQ CCSI-4 1prt is ex CDDP...
 1260 BC C Nanaimo 10kw. is the other freq. bid...plus 1350.
 1270 PQ CBGA-6 1prt is ex CBGD.
 1280 PQ CKCV got the OK for 50kw. d/n
 1340 ON CKHD see 1450...CRPC listed it here too.
 1380 PQ CBGA-9 is ex CEGJ.....CBGA-5 is ex CBGB....exciting, eh?
 1400 ON CCSI Sioux Lookout is the call for a CDDR-900 1prt twin.
 1450 ON CKHD Hudson (CRPC also says 1340) is call for CDDR-900 1prt twin.
 1450 BC C Chetwynd got the OK...a twin for CJDC-1350 Dawson Creek.
 1450 PQ CCSI-5 is ex CEGP....9 ex CBGG....-7 ex CEGK
 1470 PQ CCSI-11 is ex CBGI
 1480 ON CKAN is on...old news!
 1480 AB CKER Edmonton 10kw. NSP got OK. Multilanguage stn.
 1490 ON CKEF Ear Falls is call for this CDDR-900 1prt twin.
 1490 BC CKOO-1 Oliver is call for this CKOK-800//CKOO-1240 twin.
 1530 MB CISV Winkler-Morden is on. SV-Sun Valley (or is it Serving Vinapic)
 1530 PQ CCSI-10 is ex CBGH.
 1550 PQ CCSI-8 is ex CEGQ....CSFI-12 is ex CBGK
 1550 PQ CBGA-3 is ex CBGE
 1600 SK C Wollston got the OK for a big 12 watts 50% EE//Chipewyan

(Continued on page 23)

EASTERN DX FORUM

"La colonne
des 80's"

Deadlines: Tuesdays

Paul Mount
471 Emerson Avenue
Teaneck, NJ 07666
201 836 1137 evenings

NIEL WOLFISH 15 Donwoods Grove Toronto ON M4N 2X4 Oct 1

Hello again. Fall has arrived, and so has a bit of DX. Finished off September with 2 new SSS catches: WXVA-1550 and 1540 WYRD (while CHIN was still on!). Also caught CBX (for only the second time ever) with really outstanding signals and good reporting details. Once my CBX verie hopefully arrives it'll be my 10th and final province verified. Now all I need is CFFB & CFWH (wishful thinking). No veries in, just promo items. To close off this Forum a couple of notes. 1430 CKFH will once again be carrying Toronto Maple Leafs Hockey. I'm not sure if there is a network. If you are into trading/collecting radio station promotional items drop me a line. Hope you all have more time to DX than I. 73's Niel Wolfish

MICHAEL L. HOGAN 13910 Chippewa Ave. Apt 1 Burnham IL 60633 Oct 7

I'd like to state my support for Paul Mount's feelings regarding the separation of IRCA/NRC in the Sept 20 issue of the DXM. It also is my feeling that the IRCA and NRC serve different purposes. I'm not saying that either club is superior or inferior; but in most cases both clubs serve the different likes of the BCB DX group. Granted a combined bulletin and/or convention would save costs to both clubs and their members; but there are many other things to take into consideration. Personally I prefer IRCA's DX Forums to NRC's Musings as in my mind a DXer's loggings belong in a 'logging section' and not in an opinions section as the Forum section is. I would also like to see a separate column in IRCA pertaining to bandscans. Bandscans, valuable as they are, take up too much space in a Forum. Why not put those scans in a column where they can be compared side by side to other DXers loggings. Well, that's it for now, except contribute to your club and good DXing. (Welcome, Mike=PRM)

HERMAN AMIS 10 Hill St. Newark NJ 07102 201 623 3217 ^{via} phone Oct 14

I have just joined IRCA and am rather new to AM DXing. My receiver is the FRG-7 by Yaesu with filter, from Gilfer. I would like to ask that anyone with experience with the YAESU contact me to discuss what antenna works best with it. I have considered the Sanserino Loop, Palomar loop, McKay Dymek (which Paul did not recommend, in favor of the Space Magnet) and possibly a short longwire. Also I would like to know where to get these antennas and the associated cost. I found out about IRCA through the Foreign Log volume 7, and saw Paul's name in it so gave a call. It was surprising to hear that he has had success with portables to the point of 38 states. Also recommendations of other receivers would be appreciated. Evenings are the best time to call as I work overnight at WNJR. Hope to hear from many of you soon. 73

PAUL MOUNT 471 Emerson Avenue Teaneck NJ 07666 Oct 15

A reminder that we're weekly now so send in as many Forums as you want, as often as you want, to be in every week. Nice to speak with Herman Amis and hope I was of assistance. Herman you may be sad to know that WNJR isn't a blockbuster here; nulling it brings CKFH-ON loudly. Julie came out from Ohio last weekend to visit and we went to the Rockages show, featuring record dealers (Frank Merrill notably absent), button and T Shirt sellers, films and video performances of rock and roll items. Also ran into Bill Wurtzel on 43rd st. Talking to Herman got me motivated to DX right away, and heard WRBX-1530 for 15 minutes till their 6:45 s/off for a new station. I'm against a combined convention because two conventions gives more people a chance to attend one, especially when they're separated by a further distance than St. Louis and Peoria, hi. Can't say the Yankees will win the World Series so 73.PRM

GREG MONTI 1110 Fidler Lane # 1424 Silver Spring MD 20910 Sept 28

Saw two unusual items on TV last night. First, in the Kelly Month Show, which CBS appears to be running opposite NBC's Saturday Night Live, there was a sort of documentary segment about WFAT-1620, the New York City pirate that made headlines last year. They interviewed someone from FCC Field Operations, and went into the makeshift studios to see the station's tow now-famous announcers Hal Hall and Larry McRae at work. (These scenes were staged since they were filmed after the pirate transmitter was confiscated.) The two guys even had

(Greg) monogrammed coffee mugs! The FCC part was interesting, too, showing the Feds tracking them down with Rascal digital receivers, among others! Some of it was a little silly, showing an animated sequence of model cars with loop antennas on the roof driving around city streets and zeroing in on the culprits, but on the whole, it was an interesting piece. Just after that program ended, local WDM-9 ran a public service announcement for the American Radio Relay League. It was a full 30 seconds, with none other than Dick Van Dyke sitting in front of what was presumably his own rig. He explained what Amateur Radio is and why it is important to the nation's technological health and safety in emergencies and gave the Newington CT address. Very well done. Think of what something like that would do for IRCA! It would probably be very expensive though. Maybe all the mediumwave clubs could get together to produce such a spot. There'd be problems other than cost, like who would be the spokesman and how would that spokesman get the audience's attention? (Run nude on a balcony?—PRM) Just a thought, or is it a daydream? 73.

NEXT TIME YOU'RE WAITING FOR THAT TONE TESTER TO IDENTIFY, HOW ABOUT GETTING YOUR TOTALS UP TO DATE, AND SEND THEM TO MIKE JEZIORSKI'S DX RECORDS COLUMN? AFTERWARDS, WRITE UP YOUR DX AND SEND TO ROUNDUP, TOO!

Dublin Is Talking About

Pirate Radio Stations

By Selwyn Parker
Chronicle Foreign Service

Dublin

WHEN GOVERNMENT officials tried to batter their way through the steel door of one of Dublin's pirate radio stations, DJs and administrative staff prepared to flee. The door, held, and Capitol Radio is still on the air.

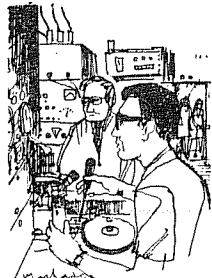
At other pirate stations, staff members allege, the post office inspectors were abusive and threatening. The inspectors deny this.

But it's all part of the war of nerves between the government and Ireland's booming underground new industry, illegal broadcasting for profit.

★ ★ ★

IN DUBLIN, the center of pirate radio, at least five stations broadcast a daily program in open and cheeky defiance of the law. What makes it worthwhile for the pirate stations is the willingness of advertisers and the community in general to support them. Profits can be high, easily justifying the risks of the wrath of the Department of Posts and Telegraphs.

Elsewhere in Ireland there are probably 20 other pirate stations. Nobody knows exactly how many there are, not even the Department of Posts and Telegraphs.



Like the Dublin-based stations, they broadcast a mostly musical program aimed at youthful tastes. "They play my kind of music," said an 18-year-old schoolgirl.

But DJs also host chat shows about local issues and provide a "notice board" of local events such as sports matches and charity fund-raising. It's a service the staid national radio and television network, RTE, can't provide.

The government simply can't shut the pirates down. "We've raided them, taken them to court and even got convictions but under the present legislation we haven't closed them," a government spokesman admitted ruefully.

The maximum fine under present law for illegal broad-

casting is a 50 pounds for the first offence. But new legislation before the Dail (Parliament) will impose a real deterrent to the pirates — a maximum fine of 10,000 pounds and/or two years imprisonment. That's a penalty that will kill off most pirate stations overnight.

★ ★ ★

THE SIZE of the new fines reflects the government's anxiety about the pirates' cavalier exploitation of the airwaves. A pirate station in Waterford repeatedly jams an emergency air/sea rescue channel. Another in Dublin occasionally blends its hard rock into the police channels.

Recently, one of the pirate stations, Big D, broke into a network church service, startling the worshippers, while householders in a Dublin suburb were mystified by the soft music another pirate accidentally broadcast into private telephones. Still another blotted out Radio Moscow in Dublin.

Although the stations provide "employment and enjoyment," one opposition MP told Parliament, the pirates probably have only a few months more on the air. Shortly the government will hand out a few private broadcasting licences to keep the community happy, and then start imposing its draconian fines.



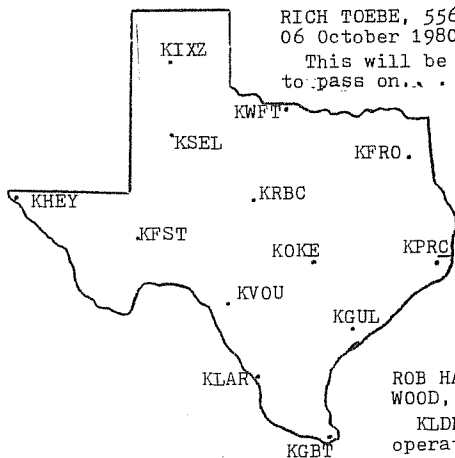
★ ★ ★ ★

Western DX Forum

IRCA—Serving the Broadcast Band DX'er Since 1964

Editor: Ric Heald • 1058 Sanchez St • San Francisco, CA 94114 • (415) 821-0447

1980/1 Deadlines—Every Wednesday 10 Days Prior to Publication Date through 18 March 1981
(Note: Tuesday Deadlines Prior to U.S. Holidays and 3-Day Weekends)



RICH TOEBE, 556 SANTANDER DR., SAN RAMON, CA 94583
06 October 1980

This will be short, but bad news doesn't take long to pass on...

Just read in the Wall Street Journal that our favorite (especially Ric's, hi) Postal "Service" is raising international rates an average of 30% effective 1 January 1981.

The 31¢ airmail stamp is being phased out in favor of the new improved 40¢ version, while air postcards go up from 21-to-28¢ and aerograms from 22-to-30¢. No mention about IRCs, however. (They probably don't know what they are, hi-RtH.)
Good DX to all. 73 de RT

ROB HARRINGTON, 3181 S. YORK ST., ENGLEWOOD, CO 80110 - 12 Oct 1980 via Tele-Forum

KLDR 1090, recently approved for fulltime operation with 50 kw D and .5 kw N, is apparently having trouble with their new 50 kw

rig. Today, Sunday, 12 October, they have been going back and forth between the two powers. Every time they fire up the 50 kw rig, there is a hum which at times is as loud as the music. That lasts for a few minutes, then they cut back to .5 kw. (Sounds like a tad bit of RF to me-RtH). Their format is Oldies and they are preparing for 24-hour operation in the very near future. The transmitter is not in Watkins as I had assumed. I have driven nearly every street in and around that town and no sign of their nine towers. Will keep checking for correct location.

If any of you out there are ham radio operators, would you please send me your call letters and frequencies most often worked and times. I will be taking my Novice test soon, and am contemplating setting up a network.

In other local news, SS KFSC 1220 was set afire by some incendiary device a short while back. Seems someone was protesting the SS ads for Coors Beer, a company that has been involved in many minority hiring suits.

There seems to be some trouble at all news radio here. Seems some of the DJs from KHOW split for the all news station, and according to KHOW, before their contracts expired. Will keep you posted.

That's it for now. Good DX and 73 to all.

RIC HEALD, 814 OHIO ST, VALLEJO, CA 94590 - 15 October 1980

That's right, Vallejo. I am still maintaining the San Francisco address, so you may send your forums to either location, preferably Vallejo. I will have an A or B after the street number; that will be decided by me (both tenants are moving out simultaneously) depending on the condition the former tenants left the place, hi.

It appears that this is the semi-annual echo chamber WDXF. Come on gang, get those typing (and writing) fingers busy; I need the action, hi.

DX. Well, in a word, nil. Too busy getting a new career off the ground and too tired to DX after driving all day. That should settle down once my move is complete.

For the purists, my new location is exactly 40 km (25 mi) from the old one. Nearest local after KNBA would be KVON (19 km) then KNEW 910 and KCBS 740 (24 km) and the others farther out, of course. Have had the car radio and TRF in Vallejo, and DX just after LSS seems to be superior to anything I have experienced from any other Bay Area DX location. Curiously KDIA 1310 is quite loud even though their pattern should be at least partially nulled toward Vallejo. Sacramento area stations are excellent daytime, but drop off substantially at night. And yes, Virginia, there is a KPLS 1150. They're in, barely, daytime. Believe I will be far enough from locals to be able to use the FRG-7 and leave the Hammarlund in San Francisco. We shall see.

Format at KNBA is Adult Contemporary or MRK depending on with whom you speak, hi, with some cross-over C&W and MoR. It's pretty much at the discretion of the DJ, and there's about 300 records at his disposal. When I'm on the air (Saturday afternoons) it tends to be a little MRK, the MoR records somehow can't be found (hi) and a lot of cross-over Country with a lot of liberties taken with the cross-over, hi. So much so that the boss has taken notice and has given me the green light for me to do a lot of just plain Country and see what the audience reaction will be.

By the way, this new location on Ohio Street offers a fine view out the kitchen window to the Napa Valley and the last 10 meters or so of KNBA's tower, about 1.2 km away. Signal is clean (with a capitol C). I've noticed from the monitoring equipment that even with the VU meter pegged, peak modulation on the monitor rarely exceeds 100% keeping in mind that 125% is now permitted. CE says that increasing peak modulation levels was one of the worst things the FCC did and believes a radio station owes it to its audience to keep the signal clean, crisp, bright and sharp. Amen, brother.

And yes, I will be the unofficial "official" v/s at KNBA, but address your fan (or fang) mail to Rick Thomas (my air name; Thomas is my middle name).

That's it this week. I'll leave adequate space for bp, Korinek, Bytheway, Jason or O'Hare to fill in with a forum(s), depending on, of course, whom-ever has chosen to make a guest appearance in Seattle this week, hi. It's beginning take on the "...filling in for Johnny Carson" routine!

Come on sports fans, send 'em in. Go Phillies! 73 de Rth..

Tuesday, September 23, 1980

San Rafael
Independent-Journal, 35

via
Rth

The Far East Network's mission remains the same

By Bryan Brumley

YOKOTA, Japan (AP) — The first-time western traveler to Asia, twirling the dial on a hotel room radio, may be astonished to find rising amid the babble of unfamiliar languages a voice with an American drawl, reading the news in English.

But to millions of Americans and other English-speaking people who have lived in Asia over the past 3½ decades, this is the familiar sound of the Far East Network, the U.S. military broadcast system that claims an audience of 23 million people in Japan alone.

FEN, which marked its 35th anniversary in mid-September, was born during World War II as the "Jungle Network," also known as the "Mosquito Network," broadcasting American news and music to the GIs and helping offset the propaganda of Japan's infamous "Tokyo Rose."

The network that once broadcast from shanties and mobile vans in the rain forests of New Guinea and Guadalcanal now operates from eight stations in the Western Pacific, including a multimillion-dollar computerized studio at Yokota Air Base on Tokyo's western outskirts. But the mission remains much the same.

"As far as programming is concerned, we try to make our people feel as if they never left home," said Capt. Leslie Burnett, a 33-year-old Marine Corps veteran who, as network operations director, supervises FEN's 280 military and civilian employees.

To achieve this, the network loads its broadcast hours with taped programs of popular state-side record shows like Wolfman Jack and Charlie Tuna, "Country Countdown" and "American Top 40." Americans wake up to "Paul Harvey News and Commentary" and hear delayed reports on major league baseball and other sports.

The network makes a policy of broadcasting nothing that would offend the host country, and avowedly seeks to present news in an unbiased manner. As Tokyo's daily Mainichi Shimbun noted recently, FEN steers clear of political propaganda, although travelers report that its shortwave broadcasts can be heard as far away as Peking.

Major Japanese newspapers print daily program guides, and one has taken advantage of FEN's popularity by publishing a listening guide in book form. Burnett says 3,000 Japanese a month write asking for advance schedules, but that is only a fraction of the total local audience, some of whom apparently listen merely to improve their English — free.

"Sometimes the Japanese call and ask, 'What's the name of that song?' or ask me to speak a little slower," says Jon Yim, a 23-year-old Navy journalist from Honolulu. Yim, whose five years' broadcast experience is exceptionally high for FEN, says: "It's almost like working for a civilian station. The only difference is you wear a uniform."

One of the biggest complaints among regular FEN listeners is the frequent mispronunciation of names in the news. One woman broadcaster referred to Illinois Democratic "Senator Adelle Stevenson," instead of Adlai, and another called Sen. Paul Laxalt of Nevada "Reagan campaign manager Paul Laox," substituting the name of a local discount store.

"What with Iran and Afghanistan and all, reading the news has become more difficult," admits Burnett.

"We can train them. But how do you know in advance that someone will go on the air and say, 'The Oath of Hypocrites,' as happened recently?" He blames much of this problem on the volunteer army, whose ranks include fewer enlisted men

and women with thorough educations, or who have previously worked in radio or television.

"You get the kids with no broadcast experience whatsoever," Burnett says. "During the draft era, people with experience joined and served with AFRS." FEN and a similar network in South Korea are part of the Armed Forces Radio and Television Service.

Burnett says he also has trouble convincing experienced hands to broadcast news. Most would prefer to be disc jockeys and play their favorite music — rock 'n' roll.

"News is the main reason we are here," he says. "The entertainment is just sugar-coating."

In the evenings, the Far East Network concentrates on television programming, consisting almost exclusively of taped popular American shows transmitted by cable on U.S. bases. "We just figure that at 6 in the evening, the TV switches on the we have lost our radio audience," says Burnett.

Perhaps the most notorious incident drawn from the FEN archives is the series of radio bulletins broadcast on May 29, 1947 by two privates who reported that a giant sea monster was advancing on the Japanese capital, impervious to bullets and grenades.

English-speaking Japanese listening that night flooded the police telephone switchboards, and Japanese and U.S. authorities were in an uproar.

Finally, a network newscaster got close enough to interview the monster, who said he had come ashore to say hello to FEN, and then sang, "Oh, I'm the Reluctant Dragon," a tune from an animated movie.

Among those not amused by the incident was Gen. Douglas MacArthur, commander of the occupation force, who directed an aide to call the station and then relieved the offenders of their broadcast duties.

DX RECORDS

Editor: Michael Jeziorski
3908 Circle Dr.
Brookfield, IL 60513

DOMESTIC HEARD

NAME, STATE	YR	TDH	TSH	ST	PR	CC	BEST	DATE
Allen, CA	'23	3070	3699	49+	8	+	WUMS-1560-OH-5w	6/17
Kramer, IL	'70	2588	2760	50+	10	+	KNPT-1310	3/16
Kwiatkowski, IL	'70	1701	1701	49+	9	+	CBEE-1400-ON-40w	7/1
McKinney, IL	'69	1383	1419	46+	8	-	KUUU-1590-WA	5/19
Portzer, WA	'64	1297	1740	45	7	+	WKBR-1250-NH	3/13
Rieger, WI	'67	1201	1297	47+	9	+	1190-KRDS-AZ	6/25
Kenneally, OH	'78	914	1090	43+	6	-	KRDS-AZ-250w	6/21
White, VA	'68	846	925	38+	7	-	PRN-1620	5/4
Brooker, ON	'73	682	748	40+	9	-	WFOY-1240-FL	7/5
Wien, CA	'76	681	838	39	7	+	KDLG-670/WLCK-1250-ET	6/17
Jeziorski, IL	'78	665	691	41+	6	-	WYRE-810-MD	7/22
Hogan, IL	'69	653	687	45	10	+	KLAD-960-OR	6/29
Hall-Patch, BC	'74	618	800	41	5	-	CA 108 STNS	12/23
Wolfish, ON	'77	610	715	43+	10	-	1560-KPMC-CA	6/18
Clemmer, IL	'75	465	480	37+	5	+	WPGC-1580-MD-SSS	7/16
Thomas, FL	'77	451	702	38+				5/18
Ross, ON	'76	433	467	40+	8	-	KNIX-1580-AZ	6/25
Remington, CA	'78	402	452	35	5	-	KBHB-810-SD	3/13
McFadden, OK	'71	327	327	37	4	+		4/23
Carter, WY	'77	327	362	34	3	+	KBRT-740-CA	6/19
Knight, CO	'79	317	372	35	4	-	KEST-1450-CA	6/20
Saltmarsh, NH	'78	303	309	28	6		CBMI	5/3
Thompson, KY	'79	231	231	31+	2	-	1070-KNX-CA	6/30
Scrapneck, MB	'78	157	158	32	6		KAAV/KMOX	6/19
Svajdlenka, WA	'75	132	136	21	3	+	WHN-1050-NY	6/24
Monti, MD	'79	129	129	21+	4	-	WNDB-1150-FL	6/20
Lewis, CA	'79	118	118	28	4	+	WCAU	6/17
Carlson, MI	'80	37	40	11	1			6/18
Jaisun, WA	'58		742	42	6	+	KPSO-1260-TX-500d	4/24

This is the first of four sections of DX Records. I want to thank all who contributed. The report form was successful enough to begin the column, but I would like to see more contributors. It is not too late to get your totals in for the Domestic Verified column or the Foreign H/V columns. Comments: YR=year started; TDH=Total Domestic Heard; TSH=Total Stations Heard; ST=states; PR=provinces; CC=call changes (+yes, --no); best can include best catch, best state, or anything else you are proud of. Ties were resolved by the date of the report. For the purposes of DX Records, Canada, Alaska, and Hawaii are considered domestic, but are separate countries, according to the IRCA countries list. Oh, yes, + under the states column denotes that DC has been heard. Now that you 28 folks have sent in your totals, don't forget to revise them. Any reports more than one year old will be put aside until revised.

WRITING ARTICLES FOR DX MONITOR

Articles on ECB DX related topics are always welcome in the pages of DX Monitor. If you've put together some good feature-length material on domestic or foreign DX, radio stations, receivers, or a similar topic, there are several ways to get it into print.

- If it's technical, send it to Technical Editor, Nick Hall-Patch, 1538 Amphion, Victoria, BC V8R 4Z6.
- If it's non-technical, send it to Special Features Editor, Matthew Shugart, 12561 Groveview St., Garden Grove, CA 92640.
- Or, you can save Nick or Matthew some work and type it yourself. Use 8 $\frac{1}{2}$ x14 paper and leave a $\frac{1}{2}$ " margin on the left and right hand sides, and 1" at the top and bottom. 8 $\frac{1}{2}$ x13 is okay, too, as are other sizes, provided your typing occupies an area measuring 7 $\frac{1}{2}$ " wide and 12" long. That's all there is to it.

See how easy it is? You, too, can become an author.....

If you have a question or if you need some 8 $\frac{1}{2}$ x14 paper, then get in touch with us at HQ and we'll be glad to help you.

--- Bruce Portzer, Editor-in-chief

REPORT FROM SCANDINAVIA

Pete Taylor

On August 10, Kristine and I, accompanied as usual by our trusty companions, the ICF 6700W, SM-2 loop and Realistic CTR-48, took off for 3½ weeks in Europe (to see some of her distant relatives) and 2½ weeks on the east coast (to see some of mine.) Highlights were (1) visiting the town of Kyrkjebø in Norway (Kristine's maiden name is the anglicized version, Kirkebo); (2) visiting Jens Frost and Andy Sennitt of WRVH outside of Copenhagen; and (3) visiting Lars Ryden and his family in Stockholm. We stayed with relatives or friends in all places except Stockholm and Copenhagen, so had some noise-free locations from which to DX.

Two significant things stood out on the dials this trip. First, the amount of Western music being played on Russian, East German and Polish stations. You can no longer differentiate them from some of the others on the basis of music. Secondly, the increasing number of beacons on the broadcast band. Of 37 beacons noted between 545-1290 kHz, 17 of them were on the 10kHz spacing we use in the U.S. You first think you have a nice skip in from the East Coast, but no such luck; it's a beacon. These would make nice TA catches. Perhaps some of our European members have a list of them.

KYRKEBØ, NORWAY is between Vadheim and Høyanger on the Sogne fjord (61N10, 05E55) and due to the mountains, it is not an outstanding DX location despite the absence of any locals. Daytime, you hear BBC Burghhead (693/810/1053/1215); other BBC (909/1089/1449); Norway (630/1314) and Gøteborg (981).

BERGEN, NORWAY is on the SW coast and this is a fine location, on the water. Daytime reception here includes all of the above, except Gøteborg; Netherlands (675/747/1008); Ireland (567/612); Belgium (540/621/927); Stockholm (774); Thorshavn, Faroe Is. (531); and other British stations including Newcastle R4/603; BBC-648; Plymouth R4/855; UNID-1152 & 1170 & 1485. The two towers from the old 890kHz facility are still standing on an island NE of Bergen; NRK doesn't want to spend the money to take them down. This is a very lovely city, but the weather is not the greatest.

STOCKHOLM, SWEDEN is another beautiful city, and thanks to Lars Ryden, we were able to enjoy it more. After dragging my wife out of the famous NK store, I was able to observe the following daytime DX: Stockholm-774, which is directional (Geneva plan calls for 600kw with a DA of 220°); Finland (558/962); Kaliningrad (873/1143/1386/549); Leningrad (601); Vilnius (612 RR/666/1107/Kaunas); Estonian S.S.R. (711/1035/1332/1512); Latvian S.S.R. (945/1071/1350/1422) plus an UNID on 1215, (Tartu or Orissaare, EССР, says WRVH.)

COPENHAGEN, DENMARK. When not shooting film at the Tivoli, or walking down the mile long shopping street, the following were noted daytime: E&W Germans everywhere (531 558 567 575 603 657 693 702 729 756 783 828 855 882 936 972 990 999 1044S; USSR (549 873 1143, all presumably Kaliningrad); Gøteborg, Sweden 981; Netherlands (747); Poland (1080); Kalundborg (1062); and UNID 639/738 (probably Czechoslovakia & Poland, respectively.)

OSLO, NORWAY. We spent the most time here, but the least amount of time DXing (too busy with relatives, eating gjeitost and other num nuns; we are both still suffering from cholesterol withdrawal). No locals; the strongest day signal was Kalundborg-1062.

HASLEMERE, SURREY, ENGLAND is about 40 miles SW of London. It was quite lush, actually, since it had been raining all summer before we got there. Daytime reception: BBC 648 693 720 801 855 909 1053 1089 1215 1296; BBC local - 999 Solent (Southampton); 1035 (Medway, Chatham); 1359 (Solent relay, Bournemouth); 1458 (Radio London); 1485 (R. Brighton). IBA locals: 999 (Unid); 1152 (LBC); 1170 (UNID); 1431 (Radio 210, Reading) and 1548 (Capital Radio, London). Also noted testing was 2CR, Two Counties Radio, 828 Bournemouth, due to start 9/15/80 at 5:59am. On 526, the BBC was testing its TIS, with different XRs rotating about every 1½ minutes (Central/South/North/West London XRs). There was none from East London, but there was an unexplained noise in the rotation after the West XR which could have been East trying to come on, but failing. Other daytime reception: France (585 603 711 837 864 1071 1377); Belgium 540 621 927 & I believe 1125); DDR (531); BRD (549 576 594); Ireland (567 612 1186); Netherlands (675 747). The most consistent overall signal in the places I visited was 747 Holland. Now down to the meat and potatoes; reception locations: NO-Norway/Oslo; NB-Bergen; NK-Kyrkjebø; S - Stockholm; C - Copenhagen; H - Haslenere.

531 NB FAROE IS., Thorshavn s/cn 0715 w/chimes, "Utvarp Faroya," talk, prayer/hymm.
Noted 8/22 with EE comedy LP cut 0830.

558 NO FINLAND Helsinki nx 2108 8/26 w/DDR rock under

585 NB SPAIN Madrid & Riyadh even 2310 8/25

603 NO FRANCE/UK Lyon & Newcastle even 2115 8/26

612 NK USSR Mayak IS 2330 8/17

629 NO TUNISIA Tunis presumably still here, fair AA 2320 8/25; bad het on Vigra

666 NK LITH.S.S.R. Vilnius 8/17 2245: began EE in 1964; pop. 3,398k vs. 2,930k (1940).

End of "mailbag" pgm. "til we meet again next Sun." BRD rock under & then even.

Health care discussion/1107 & 1557 at 2255 8/26 (from Oslo).

702 N/ NORWAY Finmark - never heard a peep out of this one from anywhere.

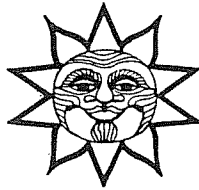
- 712 NO LIBYA? Same sort of haranguing and same audio quality as on 1250, with which it might be //, 2350 8/26. Creates het on the 711 stations.
- 720 NO POLAND Katowice (listed) //738 1080 at 2140 8/26 w/BBC under
 ND USSR - jamming back on RFE during Polish crisis at various times(2325 8/25)
- 782 -- SYRIA? AA noted several times along side Burg-783 (het always there nites)
- 801 NK USSR "Govorit Leningrad" 2159 8/26, then tone; weak Munich & BBC under
- 819 NO POLAND Warsaw off w/anthem 2200 8/26; then AA noted
- 828 H UK/Bournemouth - new local radio testing 9/2; 9/15 start date
- 873 C USSR "What the World Needs Now" (male vocal); vocalese "Cherry Pink" (Helmut Zacharias); Mayak IS & ID & RRNX 2230 8/31. Not exactly a mystery, but a good sample of their westernized music
- 891 NO ALGERIA AA strong 2215 8/26, with USSR under//873.
- 900 NO SAUDI ARABIA Guriat under Milan 2220 8/26; never that mighty
- 936 NO BRD Bremen rock; USSR (Lvov?) weak under in EE//1323 1386 1394 8/26 at 2225
- 945 NO USSR Mayak IS 2230 8/26, and then non// RR newscasts at the same time
- 972 NO USSR (Nicolayev?) even w/Hamburg (and//1026) 0005 8/27 in RR
- 980 NK ALGERIA fair 2350 8/17
- 999 NK UK UNID; weather, "VHF off til 6am," Foreham? 2300 8/17
- 1026 NO UNID Pops (Belfast?) w/RR under 2240 8/26
- 1035 NK UNID strong AA noted 2303 8/18, Iraq?
- 1062 C DENMARK Kalundborg easily nulled for Italian reception & not exactly local
- 1030 H USA/MASS. Boston weak 2340 9/2
- 1080 NK POLAND Katowice loud w/EZL//737 819 1206 1260 1367 8/15 at 2145. Noted off from Oslo 2250 8/26; Spain hets noted
- 1124 NO LIBYA? Strong OC noted often, just like in Cape Town last year (2255 8/26).
- 1143 NK USSR Kaliningrad EE NS 2309 8/17; Cossack mx in what I believe was EE pgm 2258 8/26//1170; from Oslo, noted dropping 194/201/227/256m (1548 1594 1323 1170kHz) but keeping 216/262/321m (1386 1143 936). "Goodbye to listeners in Africa" from Radio Moscow World Service" 2300 8/26.
- 1170 NK UK Two stations with "Independent Radio News" 0001 8/18, split 0003
- 1196 NO UNID drums, het, presume Morocco, 2306 8/26
- 1206 NO POLAND? Presume this, in GG//1260 8/26 2310. From (C)even w/Bordeaux 8/31 2131.
- 1215 NO UK - very low power BBC all alone 2314 8/26
- 1250 NO LIBYA Tripoli low modulation AA & het 2315 8/26, fair level
- 1332 NO UK Hereward Radio TT & test ID w/jingle 2325 8/26; says sked is 6a-9p M-F, 7a-9p Sundays. Studios Bridge St., Peterborough. Weak days from (H).
- 1323 NK CYPRUS BBC Mediterranean relay stn. ovg 2314 8/17 after EE disc. on Ireland
- 1350 NO FRANCE w/1349 het 2320 8/26; presume Nouakchott is still 1349
- C LATVIAN S.S.R. "Orange Colored Sky" Nat Cole, Radio Riga ID 2046 8/31, dead air, chimes, nx
- 1359 C DDR Berlin EE "links with Cuba" 2045 8/31.
- 1360 NB AA weak 2330 8/25, presume Kirkuk
- 1386 NK USSR Kaliningrad EE disc. of space pgm., Vietnamese cosmonaut, Kazakhstan film works 2315 8/17 (still EE 0008). From (B) EE headlines, RMWS Newsreel 2215 8/22; from (NO) 8/26 2250, RM "non-stop music" featuring "Yes Sir, I Can Boogie" by Treff '77//1323 1494. At 2259 1494 went off; 1386 & 1323 split with different EE newscasts.
- 1395 NO ALBANIA Lushnje EE discussion 2225 8/26, then anthem, IS (horns) 2230
- 1458 C UNID jamming 2104 8/31
- 1467 NK MONACO Monte Carlo w/British voiced preacher 2355 8/18
- 1476 B AUSTRIA Vienna - 4 C&W cuts, 2 disco cuts before 2300 ID 8/25; from (C)pops, "much more music" ID, Blue Danube Radio, 2230 8/30
- 1503 NK POLAND historical Q&A, EE mailbox, good level 2252 8/18
- 1510 H USA/MASS. Boston WITS "Boston Red Sox Radio Network" ID 2330 9/2, but the play-by-play sounded recreated & I didn't sense ballpark audience noise. Fair level.
- 1554 NK UNID, het here, Melene? (also noted elsewhere in Europe)
- 1560 H USA/NYC WQXR fair level 2334 9/2, about the same as WTTTS
- 1566 NO TUNISIA Sidi Mansour same pinched audio as always, fair 2340 8/26
- 1575 NO DDR pops//1584 1602 8/26 2342

In addition, the following beacons were heard in various parts of Europe:

545 LIC 633 LAM 684 R 747 BA 825 KB 850 LK 960 AZ 1020 DK
 580 KT 640 AO 720 LW 770 LW 830 SW 900 HE 965 BV 1060 ?
 590 KL 652 RR 731 KW 795 WT 841 KR 930 SW 975a RD 1290 DJ
 600 NK 669 WDS 732 W 820 Y 848 Q? 950 DT 986a FK
 625 FC 672 DT 734 WCO 825 DR (---?) 960 HT 994 B(TS?)

We were quite busy w/relatives in Bergen so I didn't get a chance to try Faroes-531 at night (s/on 1830, probably under DER) or for Iceland or Greenland. Perhaps next time we'll get up into northern Norway. A lot of other stuff was heard, but I have tried to exclude the obvious unless reception was unusual. The increase in the number of local stations has made DXing in Britain a little more challenging. The music on the BBC synched stations sound OK but the voice often sounds like its coming from a tube of some sorts. 73s for now.

MIDDAY D X RECORDS



the 40's

Gerry Thomas
Post Office Box 2036
Pensacola, FL 32503

I hope everyone caught the mid-summer midday skip of August 7, 8, and 9. Really astounding conditions here resulted in WSM and KIKK taking turns on 650, and KCTA obliterating the Cuban regular on 1030, to cite just two examples. This skip occurred just a few weeks after the summer solstice, a time when photoionization of the D-layer (as a function of zenith angle) would be expected to be near maximal...it appears that we have much yet to learn.

A real fine turn-out this time, 17 contributors including three newcomers. Welcome to Paul Mount, John Sullivan, and Ken Horne (whose letter was postmarked February but arrived here in mid-summer!) and thanks everyone for your support of the column!

Now the "40's"....

STN (QTH)	PATH	DX'ER (QTH)	DATE	DISTANCE	POWER
540					
WGTO (FL).....	Sea.....	C. Taylor (Bermuda).....	Reg.....	1063 mi.....	50,000w
CBEF (ON).....	Land.....	Merrill (ON).....	8/73.....	455 mi.....	2,500w
KDLT (UT).....	Land.....	Meehan (CA).....	Reg.....	409 mi.....	1,000w
WDVM (NY).....	Sea.....	P. Taylor (MA).....	7/31/55.....	384 mi.....	250w
WDMV (MD).....	Sea.....	Connelly (MA).....	Yr Rnd.....	378 mi.....	500w
CBXQ (BC).....	Land.....	Portzer (OR).....	?.....	307 mi.....	40w
CBK (SK).....	Portzer (WAA).....	[804 mi] (50kw)	WGTO (FL).....	Sullivan (NC).....	[573 mi] (50kw)
WGTO (FL).....	Thomas (FL).....	[371 mi] (50kw)	WDMV (MD).....	Kazaross (RI).....	[344 mi] (.5kw)
KWMT (IA).....	Onyschuk (IL).....	[344 mi] (5kw)	KEOK (IA).....	P. Taylor (KS).....	[287 mi] (1kw)
WDAK (GA).....	Thomas (FL).....	[194 mi] (5kw)	KVIP (CA).....	Allen (CA).....	[170 mi] (1kw)
WLIX (NY).....	Mount (NJ).....	[151 mi] (.25kw)	WETC (NC).....	Sullivan (NC).....	[129 mi] (5kw)
WARO (PA).....	Mount (OH).....	[123 mi] (.25kw)			
640					
CMQ (Cuba).....	Sea.....	C. Taylor (Bermuda).....	Reg.....	1256 mi.....	50,000w
FR3 (Guadeloupe).....	Sea.....	C. Taylor (Bermuda).....	Reg.....	1128 mi.....	20,000w
WHLO (OH).....	Land.....	Kazaross (RI).....	11/79.....	524 mi.....	1,000w
KFI (CA).....	Hall-Patch (BC).....	[1028 mi] (50kw)	CMQ (Cu).....	Thomas (FL).....	[586 mi] (50kw)
KFI (CA).....	Allen (CA).....	[359 mi] (50kw)	KFI (CA).....	P. Taylor (CA).....	[350 mi] (50kw)
WHLO (OH).....	Mount (OH).....	[298 mi] (1kw)			
740					
WMBL (NC).....	Sea.....	C. Taylor (Bermuda).....	Reg.....	1131 mi.....	1,000w
KCBS (CA).....	Land.....	Meehan (CA).....	Reg.....	436 mi.....	50,000w
WKIS (FL).....	Land+Sea.....	Thomas (FL).....	Yr Rnd.....	375 mi.....	5,000w
CBX (AB).....	Portzer (WAA).....	[566 mi] (50kw)	CBX (AB).....	Horne (BC).....	[348 mi] (50kw)
CBX (AB).....	Alvi (SK).....	[298 mi] (50kw)	WNOP (KY).....	Mount (OH).....	[123 mi] (1kw)
840					
4VEH (Haiti).....	Sea.....	C. Taylor (Bermuda).....	Reg.....	990 mi.....	10,000w
WHAS (KY).....	Land.....	Thomas (FL).....	1/18/80.....	549 mi.....	50,000w
PIRATE (CA).....	Sea.....	Mittman (CA).....	1978.....	44 mi.....	4w
WHAS (KY).....	Townshend (DC).....	[474 mi] (50kw)	WHAS (KY).....	Mount (OH).....	[206 mi] (50kw)
940					
WINZ (FL).....	Sea.....	C. Taylor (Bermuda).....	Reg.....	1043 mi.....	50,000w
CJGX (SK).....	Land.....	Alvi (SK).....	Yr Rnd.....	193 mi.....	10,000w
XEMV (BCN).....	Land.....	Mittman (CA).....	Yr Rnd.....	182 mi.....	1,000w
KWRC (OR).....	Land.....	Portzer (OR).....	?.....	159 mi.....	250w
CBU (BC).....	Land.....	Horne (BC).....	Yr Rnd.....	46 mi.....	40w
WINZ (FL).....	Thomas (FL).....	[535 mi] (50kw)	KFRE (CA).....	Meehan (CA).....	[276 mi] (50kw)
WYLD (LA).....	Thomas (FL).....	[176 mi] (10kw)	CBM (PQ).....	Connelly (MA).....	[174 mi] (50kw)
KFRE (CA).....	P. Taylor (CA).....	[160 mi] (50kw)	WFNC (NC).....	Sullivan (NC).....	[146 mi] (50kw)
WCIT (OH).....	Mount (OH).....	[135 mi] (.25kw)	XEMV (BCN).....	Meehan (CA).....	[106 mi] (1kw)
1040					
WHO (IA).....	Land.....	Kazaross (NY).....	?.....	985 mi.....	50,000w
CMCW (Cuba).....	Sea.....	Kazaross (FL).....	3/79.....	430 mi.....	10,000w
WHO (IA).....	Alvi (SK).....	[963 mi] (50kw)	WHO (IA).....	Barfield (FL).....	[845 mi] (50kw)
WHO (IA).....	Thomas (FL).....	[845 mi] (50kw)			

STN (QTH)	PATH	DX'ER (QTH)	DATE	DISTANCE	POWER
-----1140-----					
WRVA (VA)	Sea	C. Taylor (Bermuda)	Reg	808 mi	50,000w
CBI (NS)	Land+Sea	Connelly (MA ^a)	?	587 mi	10,000w
KRAK (CA)	Land	P. Taylor (CA)	11/11/58	67 mi	5,000w
WRVA (VA)	Connelly (MA ^a)	[482 mi] (50kw)	KGEM (ID)	Portzer (WAC)	[445 mi] (10kw)
CKXL (AB)	Portzer (WA ^a)	[442 mi] (50kw)	KGEM (ID)	Portzer (WAB)	[432 mi] (10kw)
CJTR (PQ)	Connelly (MA ^a)	[343 mi] (10kw)	CKXL (AB)	Alvi (SK)	[326 mi] (50kw)
WRVA (VA)	Sullivan (NC)	[191 mi] (50kw)	KMJJ (NV)	Meehan (CA)	[153 mi] (10kw)
-----1240-----					
WFOY (FL)	Sea	Sullivan (NC)	6/21/80	452 mi	1,000w
KROY (CA)	Land	P. Taylor (CA)	9/3/61	86 mi	250w
WOCB (MA)	Connelly (NJ)	[283 mi] (1kw)	WOCB (MA)	Connelly (NS)	[256 mi] (1kw)
-----1340-----					
KAPA (WA)	Land	Portzer (WA ^a)	?	358 mi	1,000w
WMBO (NY)	Land+Sea	P. Taylor (ON)	9/4/51	134 mi	250w
WMID (NJ)	Connelly (MA ^a)	[273 mi] (1kw)	WJLS (NS)	Connelly (MA ^a)	[233 mi] (1kw)
KAPA (WA)	Hall-Patch (BC)	[122 mi] (1kw)	XEAA (BCN)	Meehan (CA)	[106 mi] (1kw)
-----1440-----					
KVON (CA)	Land	Portzer (WA ^a)	?	643 mi	5,000w
CJOI (AB)	Land	Alvi (SK)	2/80	286 mi	10,000w
KUHL (CA)	Land	Mittman (CA)	Yr Rnd	145 mi	1,000w
KVON (CA)	Meehan (CA)	[452 mi] (5kw)	WGIG (GA)	Sullivan (NC)	[394 mi] (5kw)
KODL (OR)	Portzer (WA ^a)	[273 mi] (5kw)	KXXR (WA)	Portzer (WA ^a)	[231 mi] (5kw)
WNFL (WI)	Onyschuk (IL)	[210 mi] (5kw)	WAJR (WV)	Mount (OH)	[160 mi] (5kw)
-----1540-----					
KXEL (IA)	Land	Alvi (SK)	12/79	946 mi	50,000w
WADK (RI)	Sea	C. Taylor (Bermuda)	Reg	714 mi	1,000w
KASA (AZ)	Land	Meehan (CA)	Reg	233 mi	10,000w
WADK (RI)	Sea	Mount (NJ)	8/77	244 mi	1,000w

A round of applause for:

Gene Allen, Vallejo, CA***HQ129X/SM-2, 4' loop
 Jamil Alvi, Saskatoon, SK***DX-160, TRF/50' lw, loop
 Charlie Barfield, Pensacola, FL***Modified TRF/box loop
 Mark Connelly, from W. Yarmouth, MA***R390A/phased lw's
 Mark Connelly, from Rockport, MA***Car radio/whip
 Mark Connelly, from Brigantine, NJ***Car radio/whip
 Mark Connelly, from Clark's Harbor, NS***Car radio/whip
 Nick Hall-Patch, BC***transmog HRO/FET box loop; TRF/Radio West Shotgun
 Ken Horne, Fort St. John, BC***Trio 9R-4J/15' lw
 Neil Kazaross, Narragansett, RI***R390A/Beverages; TRF
 Neil Kazaross, from Pawtucket, RI***R390A/Sanserino loop
 Neil Kazaross, from Clearwater Beach, FL***TRF/SM-2
 Neil Kazaross, from Amsterdam, NY***HQ-180A/Beverage
 Mort Meehan, 29 Palms, CA***RF2600/150' inverted-L; NC-173/Sanserino loop
 Frank Merrill, from Cornwall, ON***Car radio/whip
 Steve Mittman, San Pedro, CA***TRF, FRG-7/3' Wedge
 Paul Mount, from Nelsonville, OH***TRF
 Paul Mount, from Wildwood Crest, NJ***TRF
 Ken Onyschuk, Park Forest, IL***GE Superadio, TRF
 Bruce Portzer, Seattle, WA***HQ-180A, FRG-7, NC-120, SX96/asstd loops & lw's
 Bruce Portzer, from Lake Cushman, WA***GE P-780, HQ-180A, SX96/SM-2, box loop
 Bruce Portzer, from Westport, WA***HQ-180A/Beverage
 Bruce Portzer, from Newport, OR***Car radio whip
 John Sullivan, Atlantic Beach, NC***Panasonic RC-7243
 Pete Taylor, San Francisco, CA***???
 Pete Taylor, from Chapman, KS***???
 Pete Taylor, from Harwichport, MA***???
 Pete Taylor, from Oshawa, ON***???
 Charles Taylor, St. Davids, Bermuda***R390A/100' lw; SPR-4/SM-2
 Gerry Thomas, Pensacola, FL***Superadio, FRG-7, SPR-4/loops and lw's
 Bill Townshend, Washington, DC***TRF

Please continue your great support of this column and don't forget to send in your Midday DX Totals (Total Stns Heard, Total States Heard, etc.). The next deadline (the '50's) will be ... three weeks after the masthead date of this DX Monitor. 73's...GT

R-390A OPERATING PROCEDURE:

How to Tune and Operate an R-390A/URR

Charles A. Taylor

Having been asked to describe or demonstrate the operation of an R-390A to DXers, and having been requested to write an Operating Procedure for U.S. Navy radiomen concerning this same receiver while at U.S. Naval Air Station Bermuda, I thought that it may be worthwhile to pass these along to IRCAers and to whoever else would be able to use them. First of all, I will present the Operating Procedure in its entirety, and then some notes and expanded explanations:

R-390A OPERATING PROCEDURE

1. Initial setup:
 - A. Set FUNCTION switch (right center of receiver front panel) to STANDBY.
 - B. BREAK IN switch position is irrelevant.
 - C. Set LIMITER control (top right center of front panel) to OFF (fully counterclockwise).
 - D. Set AGC switch (at left of LIMITER control) to MED.
 - E. Set ANT TRIM control to midrange ("0").
 - F. Set LINE GAIN control (upper left center of front panel) to "0" (fully counterclockwise).
 - G. Set LINE METER switch (left of LINE GAIN control) to OFF.
 - H. Set AUDIO RESPONSE switch (below LINE GAIN control) to WIDE.
 - I. Set BFO PITCH control (lower left of AUDIO SWITCH) to "0".
 - J. Set BANDWIDTH KC switch (left of BFO PITCH control) to one of the following positions for corresponding types of emissions:

BANDWIDTH KC	EMISSION
i. 16	local AM or SW broadcast
ii. 8	semilocal AM or SW broadcast
iii. 4	distant AM or SW broadcast
iv. 4	strong SSB transmissions
v. 2	weak SSB transmissions
vi. 1	CW, low level of interference
vii. 0.1	CW, heavy interference
 - K. Set BFO ON/OFF switch (left of BFO PITCH control) to OFF.
 - L. Set LOCAL GAIN control (lower left of BFO ON/OFF switch) to "0" (fully counterclockwise).
 - M. Set DIAL LOCK control (upper right of LOCAL GAIN control) fully counterclockwise.
 - N. Set ZERO ADJ control (lower right center of receiver front panel) fully counterclockwise.
 - O. Set RF GAIN control (lower right of ZERO ADJ control) to "10" (fully clockwise).
 - P. Allow at least 120 seconds of warmup time after placing receiver in standby condition.
2. Calibration:
 - A. Set FUNCTION switch to CAL.
 - B. Set MEGACYCLE CHANGE control (lower right of FUNCTION switch) so that the first two digits (i.e., the digits to the left) of the odometer-type readout dial (central to the receiver front panel) correspond to the first two digits of the frequency to be received.*
 - C. Set KILOCYCLE CHANGE control so that the last three digits of the odometer-type readout dial indicate the nearest even one hundred kHz step to the desired frequency.*

*As examples, if ZB11 on 1230 kHz is the station to be received, set the first two digits of the frequency dial (using the MEGACYCLE CHANGE control) to read 01, and the last three digits of the frequency dial (using the KILOCYCLE CHANGE control) to read 200. If AFRTS on 15430 kHz is the station to be received, set the first

two digits of the frequency dial to read 15, and set the last three digits of the frequency dial to read 400. If ZFBL on 960 kHz is the station to be received, set the first two digits of the frequency dial to read 00, and set the last three digits of the frequency dial to read +000 (Note that the last three digits of the frequency dial progress from 700 to 800 to 900 to +000, rather than to 1000). If WWV or WWVH is the station to be received, set the first two digits to read 20, and the last two digits to read 000.

- D. Set BFO ON/OFF switch to ON.
 - E. Set LINE METER to "0".
 - F. Set LINE GAIN control "4".
 - G. Tighten down ZERO ADJ control fully clockwise.
 - H. While observing the indication on the LINE LEVEL meter (upper left-hand corner of the receiver front panel), tune the KILOCYCLE CHANGE control until an indication is observed on the LINE LEVEL meter. When this indication is obtained, adjust the LINE GAIN control for an approximately midscale indication on the LINE LEVEL meter, then continue to rotate the KILOCYCLE CHANGE control slowly. Somewhere in the range of rotation of the KILOCYCLE CHANGE control, the indication on the LINE LEVEL meter will be observed to dip and rise again sharply. Set the KILOCYCLE CHANGE control for the minimal indication at the dip of the LINE LEVEL meter. At this point, the odometer dial is calibrated to read frequency accurately, but only within the frequency span to which the MEGACYCLE CHANGE control is presently set. If the MEGACYCLE CHANGE control is set to another frequency span, the calibration procedure should be repeated in order to assure accurate frequency readout.
 - I. Loosen ZERO ADJUST control by rotating fully counterclockwise.
 - J. Set FUNCTION switch to AGC.
3. Tuning:
- A. Set KILOCYCLE CHANGE control so that the last three digits of the odometer-type frequency dial correspond to the last three digits of the frequency to be received. Using the examples cited earlier, in the case of ZBML on 1230 kHz, set the KILOCYCLE CHANGE control to read 230 on the last three digits of the frequency dial. In the case of AFRTS on 15430 kHz, set the KILOCYCLE CHANGE control to read 430 on the frequency dial. In the case of ZFBL on 960 kHz, set the KILOCYCLE CHANGE control to read 960 on the frequency dial. In the case of WWV or WWVH on 20000 kHz, set the KILOCYCLE CHANGE control to read 000 on the frequency dial.
 - B. When the station or stations on the desired frequency is/are audible, rock first the KILOCYCLE CHANGE and then the ANT TRIM control for a peak indication on the CARRIER LEVEL meter (upper right-hand corner of the receiver front panel). Then again adjust the KILOCYCLE CHANGE control for clearest, most intelligible audio from the desired station.
 - C. Set either LINE GAIN or LOCAL GAIN for a suitable level of audio output from the receiver (depending on whichever audio channel, either local [e.g. via the front panel PHONES jack] or line [via rear panel terminal board connections] are used).

Notes and explanations

Here are some additions to the basic Operating Procedure that will be of interest and use to the DXer. The additions are keyed to correspond to the basic step of the procedure:

- 1.(D.) AGC Switch In general tuning, set this to FAST. The reason is that if the AGC Switch is set to MEDIUM or SLOW (especially SLOW), the receiver's AGC response and recovery time is longer. This means basically that if one tunes from a strong station, the receiver will be desensitized for a

length of time (depending on the setting of the switch), possibly allowing the user to pass over a weaker signal which would not be immediately audible because the receiver has not recovered its full sensitivity yet. Conversely, in passing immediately from a weaker to a stronger signal, the stronger signal will be distorted until the time constant set by the AGC switch has allowed the AGC to rise to the level corresponding to the stronger signal.

- (H.) AUDIO RESPONSE Only rarely would the non-radio amateur have occasion to use the receiver with the AUDIO RESPONSE switch in the NARROW position. In the NARROW position, a 800-Hertz bandpass filter is placed in the audio path of the receiver. This is intended for use in copying CW under conditions of extreme noise and/or interference. It can be used to advantage, also, under similar conditions for performing PFM's.
- (J.) BANDWIDTH KC The 2-kHz and 1-kHz bandwidth positions can be used to advantage for receiving signals under weak-signal or severe interference conditions. In general, especially with the 1-kHz bandwidth, the 2-kHz and 1-kHz bandwidths should be used in conjunction with the BFO. The narrower the bandwidth in use, the less the noise and interference that will be heard. But about 3 kHz bandwidth minimum is necessary to pass voice frequencies when receiving A-M transmissions to allow for inclusion of the carrier. Since the lowest voice modulation frequency likely to be of use is about 300 Hz, this means that frequencies of 0 to 300 Hz are of little practical value in generating intelligibility. There will likely be noise and heterodynes around this area of 0 to 300 Hz. By setting the receiver bandpass so that it "straddles" the range of frequencies about 500 to 2,500 Hz above (or below) the frequency of the desired signal, and reinserting the carrier frequency using the BFO, much reduction in interference can be realized in some cases. No further effort will be made to describe this technique here. The technique is simple, but is very difficult to describe.
- (O.) RF GAIN control This will most always be operated "wide open" (fully clockwise). About the only time that it won't is when reinserting a carrier on a fairly strong signal, in order to prevent distortion due to characteristics of the diode detector used in the R-390A. This is more likely to be done when listening on shortwave frequencies.

2. Calibration It may not be obvious, but is nonetheless true that the R-390A may be calibrated for frequency readout on signals of exact known frequency. If signals of known frequency are available, follow this procedure:

-
- L. Set FUNCTION switch to AGC.
- M. Set MEGACYCLE CHANGE control (lower right of FUNCTION switch) so that the first two digits (i.e., the digits to the left) of the odometer-type readout dial (central to the receiver front panel) correspond to the first two digits of the frequency of the known station.*
- N. Set KILOCYCLE CHANGE control so that the last three digits of the odometer-type readout dial indicate the last three digits of the frequency of the known station.*

*As an example, if WABC on 770 kHz is the station to be used for receiver calibration, set the first two digits of the frequency dial (using the MEGACYCLE

CHANGE control) to read 00, and the last three digits of the frequency dial (using the KILOCYCLE CHANGE control) to read 770.

- O. Set BFO ON/OFF switch to ON.
- P. Set LINE METER to "0".
- Q. Set LINE GAIN control to "4".
- R. Tighten down ZERO ADJ control fully clockwise.
- S. While observing the indication on the LINE LEVEL meter (upper left-hand corner of the receiver front panel), tune the KILOCYCLE CHANGE control until an indication is observed on the LINE LEVEL meter. When this indication is obtained, adjust the LINE GAIN control for an approximately midscale indication on the LINE LEVEL meter, then continue to rotate the KILOCYCLE CHANGE control slowly. Somewhere in the range of rotation of the KILOCYCLE CHANGE control, the indication on the LINE LEVEL meter will be observed to dip and rise again sharply. Set the KILOCYCLE CHANGE control for the minimal indication at the dip of the LINE LEVEL meter (note that station modulation will cause a residual, varying LINE LEVEL meter indication, in contrast to 2. (H.) of the basic procedure). At this point, the odometer dial is calibrated to read the station frequency accurately. Note that if the MEGACYCLE CHANGE control is set to another frequency span, the calibration procedure should be repeated in order to assure accurate frequency readout.

NOTE: Because of the range of adjustment of the KILOCYCLE CHANGE control when the ZERO ADJUST control is tightened down, it is possible to mistakenly calibrate the frequency readout dial on a side channel 5 or even 10 kHz from the desired, standard station. Listen to ascertain that the tuned station is the desired one. Set the BFO ON/OFF switch to the OFF position when doing this.

- T. Loosen ZERO ADJUST control by rotating fully counter-clockwise.
- U. Set BFO ON/OFF switch to OFF position.

2.(K.) Set BFO ON/OFF switch to OFF position. (This was inadvertently omitted from the original Operating Procedure. This would be obvious to anyone except to whoever is likely to be using this procedure.)

Assuming that you own an R-390A/URR, you may be interested in two other reprints of articles that I wrote concerning the R-390A. They are: R-390A/URR: A Receiver Review (reprint R18, 3 pages) and R-390A/URR Optimization and Alignment Check (reprint T34, 1 page), available from IRCA Reprints; P.O. Box 17088; Seattle, Washington 98107. These are \$2 per page (10¢ per page for IRCA non-members) plus an SASE.

NHL Winapig Jets: CJOB: CFAR, CJAR, CFTM, CFAM, CFSM, CJRB, CHCK, CFOB, CKDR, CFAR, CJRL, CKIG, CISI, CIEP, CWH.

NHL Edmuntown Oileys: CFRN: CKYL, CJDV/CHOA, CJOK, CJYX, CKKR, CJNB/CJES, CJYR/CKYR/CIYR/CPYR/CIYR-1

CKEY Toronto is supposed to form a "John Gilbert Show" Talk Network: with CKWS, CJEQ, CHEX, CKGL-FM, CFCO, CJJD, CKOY, CESC, CHIS, CFCN & CJOR. Sys says CJOR is out of it. Yes, they sure are... CJOR is using full calls again. The broke CKO Network was just bought by Allarco, Edmonton owners of CFTV-13. CKEK/CFEK & CJAT will carry all games of Western International Hockey League this year...73 jo

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