

Rate Increase

Effective August 1, 1987 the rates will be increased to the following:

Yearly Subscription (30 Issues)

U.S. Addresses:

NEW Subscriber - US\$24.00

Renewals - US\$22.00

Canada Addreses:

NEW Subscriber - US\$25.00

Renewals - US\$23.00

Mexico & Caribbean Addresses:

Renewals - US\$27.00

NEW Subscriber - US\$29.00

All Other Countries: NEW Subscriber - US\$36.00

Renewals - US\$34.00

RENEWAL You may renew up to 2 years at a time. All rates are in U.S. currency. Checks/Money Orders payable to: National Radio Club.

And yes!, you may renew now before the August 1, 1987 deadline under the old price schedules. However, you can only renew for up to 2 years. The old rates can still be found on the back page of this issue.

So why the increase? As you know we have been "tightening our belts" over the past 5 years. We've consolidated departments, found new ways to do things cheaper, and basically kept costs down. Some of you have even helped by giving us great ideas that we have put into place. However, even after all this there does come a time when a rate increase is needed. Printing costs and administrative costs are still a reality and have increased over the years.

Is the NRC in desperate financial troubles? NO! Unlike other clubs, we are far from folding, we have an excellent credit record with all those that we deal with, we are a strong club.

Convention Time!!

ANARCON '87 COMMUNICATIONS - Yesterday, Today and Tomorrow July 16th thru Sunday July 19th

Novotel Hotel in the Heart of Mississauga, Ontario

The Host of this years Convention is the Ontario DX Association. Mississauga is located adjacent to Toronto. Hotel room rates will be Can.\$42.00 or US\$47.00 per night, single or double occupancy. The Convention registration fee will be Cdn.\$25.00/US\$19.00 per person for the full Convention and the Saturday banquet will be available for Cdn\$25.00/US\$19.00. Registration forms and complete information is available from the following address, please include 2 Canadian or US mint postage stamps to: AMARCON'87, P.O. Box 232, Station' Z', Toronto, Ontario, MSN 224 CANADA. The deadline for reserving a hotel room and ensuring a banquet ticket is June 26th.

1987 LABOR DAY WEEKEND NRC CONVENTION September 4-7. 1987

Milano Inn/Milano Club in Downtown Lima, Ohio

Rooms are US\$32.00 for single bed, one person; US\$37.00 for a single bed, 2 persons; and US\$40.00 for a double for two persons. Extra person is \$5.00 on the double room. A Master Suite is \$56.00 for 2 people. Convention Fee will be \$28.00, which covers the Saturday Night Dinner, and the Sunday Morning Breakfast. Both will be all-you-can-eat buffets. A packet of information, including a registration form is available for 2 mint US stamps or 4 IRCs outside the U.S. and Canada from: Fred Vobbe, NRC CONVENTION, 706 MacKenzie Avenue, Lima, DH 45805-1835. When writing Fred, specify how you will be traveling to the Convention location so that the proper travel info can be forwarded to you.

LOOK INSIDE:

2....AM Switch 7....DDXD-East 17....Bandscan 4....Stn. Addr. Changes 12.....DDXD-West

19....Musings

5.....Verification Signers
15.....Sum of UnRptd Stns
24.....Free Govt Grants

(2)

AM SWITCH

Jerry Starr, c/o WHOT Radio, 4040 Simon Road, Youngstown, OH 44512

CALL LETTER CHANGES

OLD CALL:	New cal	.: OLD (CALL:	New	V CALL:
1080 *NEW IL	CEIBA WJ. STERLING HEIGHTS WU EDWARDSVILLE WH WOODBINE WG	SE 1410 GM 1450 RC 1460 GM 1490	WTKT NC WQIC MS WPDQ FL	JACKSONVILLE CUSTER	WCVG WSRC' WMDN WROL' KECR KSSA

*Notes on calls: WHTT-1120 set aside the change to WTKS and never used these CALLS. WSRC-1410 LIKEWISE NEVER USED WTKT. NEW CALL FOR WPDQ-1460 IS AS ABOVE, NOT WRQT AS LISTED LAST ISSUE, T'WAS A TYPO DIRECTLY FROM THE FCC! ALSO, LAST ISSUE WE LISTED A CHANGE FOR WSTV-1340 TO WDIG. THIS IS AN ERROR FROM A DC SOURCE. WDIG IS ACTUALLY THE NEW CALL FOR THE 950 STEUBENVILLE, OH STATION (EX-WLIT) AND WSTV REMAINS WITH THIS CALL ON 1340 KHZ.

APPLICATIONS FOR NEW STATIONS

IN KENTLAND: 250 D3 650 OR SANTA CLARA: 10000/1000 U4 760 FL PALM CITY: 2500/250 U4 780 PR ALTA VEGA: 500/350 U5 850 NC MOUNT HOLLY: 1000/700 U4 860 OR EUGENE: 500/210 U4 1160 VA CHUCKATUCK: 10000/1000 U4 1180 RI HOPE VALLEY: 1000 D1 (SYNCHRONOUS WITH WJJF) 1270 NY LANSING: 1000/670 U4 1340 MI L'ANSE: 1000/1000 U1 NH MADBURY: 1000/1000 U1 AL KINGSTON: 660/660 U1 OR KLAMATH FALLS: 1000/1000 U1 OR MYRTLE CREEK: 5000 D1 1570 OH ATHENS: 400/275 U1 WV ELK HILLS: 25000/10000 U4 1580 CA REDDING: 10000 D3 1600 NJ CHERRY HILL: 2400/1000 U4 WA SEQUIM: 5000/5000 U3

Some months ago the FCC put a freeze on accepting new applications for Daytime-ONLY AM STATIONS. WE HAD EXPECTED TO SEE NOMORE DAYTIME APPLICATIONS BUT A FEW KEEP TRICKLING IN EACH WEEK. IF THESE WILL BE ACCEPTED FOR FILING IS UNKNOWN. SO FAR WE HAVE NOT SEEN ANY OF THEM BE SUMMARILY DISMISSED. WE ASSUME, NOT HAVING SEEN ANY OF THE ENGINEERING ON THESE APPLICATIONS, THAT THE APPLICANTS EXPECT THE ECC WILL AUTOMATICALLY ASSIGN THEM A CALCULATED NIGHT POWER UNDER THE CANADIAN/MEXICAN TREATY. MORE ON THIS LATER AFTER FURTHER INVESTIGATION.

GRANTS FOR NEW STATIONS

650 CA RANCHO CORDOVA: 5000/5000 U5 (POWER CHANGE FROM INITIAL GRANT) 1230 TX Houston/west side: 600/600 U1 (SYNCHRONOUS WITH KNUZ)

APPLICATIONS FROM EXISTING FACILITIES

590 610 630	WKHX KAVL WVVW	GA CA WV	ATLANTA: NIGHT POWER TO 4500 WATTS LANCASTER: POWERS TO 5000/4000 ST. MARYS: POWER TO 1000 WATTS
			MOUNT HOLLY: DAY POWER TO 50000 WATTS
640	WWJZ	NJ	
650	KUUY	WY	ORCHARD VALLEY: CITY OF LICENSE TO CHEYLNNE
660	WM00	ΑL	FAIRHOPE: DAY POWER TO 22000 WATTS
690	WLKE	WI	Oshkosh: powers to 400/250 U4
710	KUET	ΑZ	Black Canyon City: power to 50000 warrs
	WEKC	ΚY	Williamsburg: power to 4200 watts
730	WACE	MA	CHICOPEE: DAY POWER TO 9300 WATTS, ADD 500 WATTS NIGHT U4
750	WBMD	MD	BALTIMORE: POWER TO 710 WATTS
	KXL	OR	Portland: Night power to 20000 watts
770	KPLA	CA	RIVERBANK: NIGHT POWER TO 50000 WATTS
790	WTNY	NY	Watertown: day power to 5000 watts, antenna to U4
810	KCHG	ΤX	Somerset: add 250 watts night
	KTBI.	WΑ	EPHRATA: POWER TO 50000 WATTS (19000 CH)
830	WCBX	NC	EDEN: DAY POWER TO 10000 WATTS, ANTENNA TO U4
850	WQKA	NY	Penn Yan: power to 1000 watts
870	WMNE	W1	MENOMONIE: DAY POWER TO 10000 WATTS, ADD 500 WATTS NIGHT 114
880	KKMC	CA	GONZALES: NIGHT POWER TO 5000 WATTS

890 910	KPTO WLXN	CA Al	CETRUS HEIGHTS: CITY OF EIGENSE TO LATE OAKS, CA LAFAYETTE: CITY OF LIGENSE TO PEPPERITE, AL
93()	WBYG KHEW	W۸	SANDWICH: DAY POWER TO 2500 WALES BELLINGHAM: ADD 500 WALES NEGHT, ANTENNA TO UZ
960	WORK KCGS	AI AR	PRITCHARD: POWER TO 5000 WATES MARSHALL: POWER TO 5000 WATES
970 990	KFLL WNTY	CO CT	Pueblo: Power to 3700 walls Southington: Power to 1000 walls
1010	K101	CA	SAN FRANCISCO: NIGHT POWER TO 2000 WALLS
1030	KĐƯN	OR	REEDSPORT: NIGHT POWER OF CP to 630 WALLS (STILL ON 1470 KHZ)
1050	Kt.OH	MN	PIPESTONE: POWER TO 8000 WATES
10.70	WISJ	OH	CINCINNATI: ADD 500 WALLS NIGHTS
1070	WSRG WKOK	KY PA	Elkton: Power to 1000 watts Sunbury: NIGHT POWER TO 1500 WATTS
	WHYZ	SC	GREENVILLE: NIGHT POWER TO 50000 WATTS, CITY OF LICENSE TO
	********		SAN SOUCE, SC
1090	WSOL	PR	SAN GERMAN: 10000/10000 U4
1100	KDRY	ŤΧ	ALAMO HEIGHTS: NIGHT POWER TO 2000 WATTS, ANTENNA TO UZ, CITY
1110	KRLA	CA	OF LICENSE TO SAN ANTONIO. TX PASADENA: NIGHT POWER TO 2000 WATTS
1140	WCLW	OH	MANSFIELD: TO 1160 KHz 500/1000 U4
1150	KIMM	SD	RAPID CITY: ADD 500 WATES NIGHT, ANTENNA TO UZ
1160	WPVG	MD	Boonsboro: 2000/1000 U4, CITY OF LICENSE TO FUNKSTOWN, MD
	UNVW IVMW	NJ NY	OAKLAND: POWERS TO 10000/2500
	WITT	INI	MECHANICSVILLE: ADD 50000 WATTS NIGHT, ANTENNA TO U4, CITY OF LICENSE TO CLIFTON KNOLLS, NY
1180	KERT	CA	Wasco: Night Power to 10000 walls
	WJJF	RI	HOPE VALLEY: POWER TO 2800 WATTS
1200	WDCQ	FL	Pine Island Cenier: day power to 25000 watts (5000 CH) antenna to U2
	WWRJ	SC	HOLLYWOOD: CITY OF LICENSE TO JAMES ISLAND, SC
1310	KEZM	LA	Sulphur: powers to 1000/1900, antenna to U4
1330	KRDG	CA	REDDING: POWERS TO 5000/5000, ANTENNA TO U4
1360	WELW WWNJ	OH	WILLOUGHBY: ADD 340 WATTS NIGHT, ANTENNA TO U4 (REAPPLICATION) NEWTON: POWERS TO 2000/300, ANTENNA TO U4
1370	WLOP	NJ GA	Newton: powers to 2000/300, antenna to U4 Jesup: add 2500 watts night, antenna to U2
1400	KITZ	WA	SILVERDALE: POWERS TO 1000/1000
1450	KJUN	WΑ	Puyallup: To 1440 kHz with 5000/2500 U4
1460	*NEW	HI	MAUNAWILI: CITY OF LICENSE TO HONOLULU, HI
1470	WEMR WWMI	PA PA	Tunkhannock: day power to 5000 watts Portage: power to 1000 watts
1480	WYDK	NC	YADKINVILLE: TO 1470 KHZ WITH 2500/700 U2
1510	WJRC	1L	JOLIET: POWER TO 1500 WATTS
1530	KKCM	MN	SHAKOPEE: POWER TO 25000 WATTS
1550	KXOJ	OK.	SAPULPA: POWER TO 2500 WATTS
1570 1590	KCVR WCZN	CA PA	LODI: ADD 500 WATTS NIGHT CHESTER: DAY POWER TO 2500 WATTS
1370	KMTI	UT	MANT1: TO 650 KHZ WITH 2000/900 U4
1600	KZUN	ĬĎ	PRIEST RIVER: CITY OF LICENSE TO ELK CITY, 1D, POWER TO
			1000 WATTS (SECOND MOVE HERE, ORIGINAL CP ISSUED FOR
			WEST RICHLAND, WA, IS NOT YET ON THE AIR)
<u>GRANT</u>	S FOR	EXIS	TING FACILITIES
	V 100	8.0.7	6 1

Sun Valley: CITY OF LICENSE TO RENO, NV BIRMINGHAM: ADD 500 WATTS NIGHT KJOR NV 690 WVOK

MINNEAPOLIS: NIGHT POWER TO 30500 WATTS 1130 WDGY MN

KCPC 1200 RANCHO MIRAGE: RELOCATE XR, NEW STATION NOT YET ON THE ATR 1300 WXR1

LANCASTER: DAY POWER TO 2395 WATTS

1310 KMBS LA WEST MONROE: RELOCATE XR

MO CLAYTON: RELOCATE XR 1320 KSIV

OTHERNESS

ROYAL PALM BEACH: REQUESTS EXTENSION OF CP FOR NEW STATION 760 WVNF LEICESTER: GRANTED CP TO REPLACE EXPIRED PERMIT, NEW STATION 820 WZYQ FREDERICK: CP FOR 5000/1000 IS ON THE AIR

830 WMM1 SHEPHERD: LETTER FROM STATION EXPLAINS THE MOVE FROM MARSHALL, MI. GRANTEE OF MARSHALL CP DIED, PRESENT OWNERS BOUGHT CP AND MOVED IT TO SHEPHERD

FRANKLIN: CP FOR NEW STATION CANCELLED
ADJUNTAS: REQUESTS EXTENSION OF CP FOR NEW STATION WPJC

LOCKHART: STATION IS SILENT
THOMPSON STATION: CP FOR NEW STATION CANCELLED

1060 KHJK

1100 WQDQ 1160 WYNS LEHIGHTON: FULLTIME CP IS ON THE AIR (EX-1150 KIL)

1200 PR WGDL LARES: NEW STATION IS ON THE AIR

1250 KHOG AR FAYETTEVILLE: SILENT AND WILL BE SOLD AT AUCTION

1300 WOSC NY FULTON: STATION WENT SILENT 4-7-87

1340 WAGN MI MENOMINEE: APPLICATION FOR 1000 WATTS NIGHT DEMINABLE WHEM! ANOTHER BIG AM SWITCH. WITH A LONG PAUSE BEFORE THE NEXT DX NEWS YOU CAN EXPECT A MONSTER STZE AMS NEXT TIME IF THING KELP UP THE PRESENT PACE.

73 AND GOOD DX.

DONG &BKF

JERRY STARR & BUFFALO K. LOONMAN

STATION ADDRESS CHANGES

Jerry Starr, c/o WHOT Radio, 4040 Simon Road, Youngstown, OH 44512

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560	SHEETH	HEBERTS	485 HIGHLAND FOLDIN	****
			2504 ALBERT FIFE	JW-CO
400	WREC III	MEMERITS	203 BEALE STREET	JW-00
710	KEEL LA	SHREVEFORT	71120-0007	JW-CO
720	TEAH TY	UNIVERSAL CITY	71120-0007 1777 NE LOOP 410, SAN ANTONIO,TX BOX 926, CHEYENNE,WY 82003-0926 203 S. SANTE FE, BOX 2060 67402-2060 53081-1045	JW-CO
870	KUUY WY	ORCHARD VALLEY	BOX 924, CHEYENNE,WY 82003-0924	JW-CD
910	KINA I'S	SAL INA	203 S. SANTE FE, BOX 2040 67402-2040	GH-KS
950	WKTS WI	SHEBOYGAN	53081-1045	JW-Cŭ
1000	W V D C 114	DELIE HE S	TIOO BINNA FLACE	***
				BH-NJ
1050	KSOH AR	LITTLE ROCK	BOX 9112, N.LITTLE ROCK, AR 72119	JM-CO
1060	KENA TX	EL PASO	1170 WESTMORELAND DRIVE 79925	JW~CO
1070	WDIA TN	MEMPHIS	112 UNION AVENUE 38103	JWCO
1150	KNED OK	McALESTER	74502-1068	JW-CO
1210	WGSF TN	ARLINGTON	1170 WESTHORELAND DRIVE 79925 1170 WESTHORELAND DRIVE 79925 112 UNION AVENUE 38103 74502-1048 11958 HIGHWAY 70 38002	***
1230	KBTM AR	JONESBORO	72403	JW-CO
1240	KRZZ KS	WICHITA	2402 EAST 37th STREET NORTH 67208 2100 CORAL WAY 33145	JW-C⊡
1260	WSUA FL	MIAMI	2100 CORAL WAY 33145	
				JM-CO
1330	MHOT OH	CAMPBELL	4040 SIMON RD., YOUNGSTOWN,OH 44512	JS-OH
1340	MEOK IN	MEMPHIS	343 SECOND STREET SOUTH 38103	***
1380	KPAL AR	N.LITTLE POCK	BOX 2661, LITTLE ROCK, AR 72203	JM-CO
1380	WMPS TN	MILLINGTON	6960 BUCKNELL 38053	***
1430	WEZI TN	MEMPHIS	8080 MT.MORIAH ROAD EXT.	***
1490	KDRS AR	PARAGOULD	7 245 1	JW-CO
1530	WTME ME	AUBURN	32 COOK STREET 04210	BH-NJ
1530	ICKRO AR	TRUMANN JONESE	DRO BOX 149	JM-CO
1530	KCLR TX	RALLS	BOX 340 or 704 MAIN STREET	JM ⋅CO
1570	KBRI AR	BRINKLEY	Add BOX 44	JM-C0
1400	WPDC FA	ELIZABETHTOWN	939 RADIO ROAD 17022	JS-OH
1600	WAAM MI	ANN ARBOR	### BOX 365 S4A 2A4 4040 SIMON RD., YOUNGSTOWN, 0H 44512 363 SECOND STREET SOUTH 38103 #### BOX 2661, LITTLE ROCK, AR 72203 6960 BUCKHELL 38053 8080 MT.MORIAH ROAD EXT. 72451 32 COOK STREET 04210 BOX 145 BOX 340 or 704 MAIN STREET Add BOX 44 939 RADIO ROAD 17022 ### See Note # 1 ###	JW-€0

** NOTES X*

1) BOX 1600. 40106 or 4230 FACKARD ROAD, 48108

***** CONTRIBUTORS *****

JW-CO .. JOHN WILKINS, Wheat Ridge,CO JS-OH .. JERRY STARR, Hubbard,OH EH-NJ .. BOE HARRISON, Union,NJ GH-FS .. GARY HOUDER, Munden,KS XXXX .. GAYLE YEAGER per MEMFHIS Trip

VERIFICATION SIGNERS

Wayne Heinen, 4131 S. Andes Way, Aurora, CO 80013

Catch "AM Interlude" on HCJB, Wednesday night at 7:30PM EST. 6230

	File	ن المالية					right at 7: 30PM EST, 6230	OF THE STREET
	Freq	Call	Signer	Contribu	Freq	Call	Signer	Contribu
						KINAru	8ill Ray PD	JW
		"DLF"q		HH		KJJQ1	Tony Randall CE	G∨
			Luxemboug U/U Karen Seed GM	HH PT		WRNL 1	Kevin McCarthy CE	GV
		KUSA	Bill R. Schmidt ESu	RUJ GV	910	WSUIqz		R∪
		MIHW	Norman F. Allebaug CE	PA		CFUSI	Pierre Ginoras MxD	TF
		WSVAq	C. Ellsworth Neff CE	GM/KC		KKLS1b	Scott Greeley APD	RŲ
	530	WEAN	John Hussey C€	PA		WHJJ	P. Philbuck CE	PA
	560	WHYN	Charles Donovan	P4		CFBCc	Gordon Miller CE	DW
			Tracy Bastian 0/6M	WH		KOBA1 WWGR1	Eldon L. Anderson CE	RV UU /Br
		WCHS	Christopher H.Johnson GM	PH		KWAM1u	Emma McCarty GM Eugene Walton PD	HHZRA tu
		WEEI	Larry S. Vidoli	PA		WMMA1	Terri Deck	G∩ 1M
		WEVA1z	Robert Pachaly P	KC		KOMOq	UZU	R∜
		WRTH1m KSJBah	Bob Hoffman E Harvey Van Erem CE	PT JW		WKLOim	John Randall GM	PT
		WMTq	U.U	RU:	1020	KDKA	Chuck Adreon PD	PA
		KZSSq	U/U CE	RV.	1020	WKZEł	Warren G. Gregory P	KG
		WDAFf	Al Kenyon CE	RU		WBZET	Steve Brisker UP/GM	DW/RA
	610	WSLC16	George Gillock OpM	KG		WBZEI	Jeff Bennett	DH
	640	WCRU1	Tom Mann OpM	PT		WGF(1	Dale W.Gallimore CE	DW
	640	WFNC1	Terry Jordan CE	DM			James A. Reed OpM/CE	KG/RA
		WOIq	070	DŧJ		KKREI	Robert C. Savage P/GM Dan Hubbard CE	KG KC
		WWLSp	Jay Sanders PD	PT		MHB01	Steve Fluker AE	KG GV
		KUUYT	Chuck Bailey PD	Jid			Lewis 8. Hughes	KG
		WKKQ1 WNRCc	David W. Acaley GM Edsel Barnswarth CE	DW AR		KSOH1u	Tom Rusk CE	JU
		CFFRf	Rick Odegaand CE	RU		WFLET	Carl Haight M	KC/HH
		KSKYp	William K. Simmons	PT	1050	WGLH1	Bill Seccurro CE	KG
		WMAQ	Michael H. Bock MTOp	PA		WTTP1	Andrew R. Epstein OpM	kG
			Donald Moss CE	RV		WDIAIu	Alonzo Pendieton EDept	JW
	680	WRKO	Robert Smith CE	PA		KRLDqb	Roy Jenkins CE	JC
	590	KUNA16	Ed Raabe M	RU		KAAYqb	U/U CE	RU
		WVOKq	U/U	RL		KIIOIm	Jim Lucas COp	JC
		KEELfu	Rick Benson TD	JM		UYKR1m ZDK1x	Eugene Puffer P James A. Beckles Sls	RA GV
		KGNCq	Henry White CE	PT		KMOX	Paul J.Grundhauser MTOp	PA
		WMXY1u MBMC=	Lindsay McInville	JW		WHTT1	E. Michael Brydalski E	KG
		KRMGp KTRHq	Wayne Smith CE U/U	PT PT		WKQW1	Stephen M. Olszowka CE/GM	
l		WHEB	Scott Hooper PD	PA	1120	WYN01mz	James D. McLin COp	TF
		WSBq	Walt Williams PM	RV	1130	CKWXqmb	Tricia Farina	RŲ
		"DLF"q	U/U	НН		KBMR16	Lorraine Anderson P	RU
		WCHP1z	Theresa Benton BusM	GU/PA		KGEM16	Cary Harrison CE	RV
	740	WJRqb	Deborah VanWygaarden	RV		WRVAq	Bob Jones GM	RV
	770	KKOBqh	Gary Diamond CE	JW			Lee Anderson M	JW
		WBBMq	0/0	R∀		WYNS1 KV00qm	Jill Adams OpM	TF/CS/PA
		WEAQq	William Holden CE	RV		WJJF1	Larry White DoE John J. Fuller O	PT
			Don W. Hallett OpM	KG/PA		WJNTI	C.R. Grammar OpM	HH KG/PT
		CKLW1 KLTT15	Wally Dowhan CE Roger Chapman OpM	PT RU			Ron Wooldridge CE	PT
		KQCV1	Paul Sublett CE	KG		KFNW1	Robert L.Benjamin CE	GV
			James L.Cameron CE	RV	1200	WAGE1	Paul C. Draisey GM	DŴ
	810		Louis M. Correia CE	PA		WGUYf	A.L.Roberson CE	AR
	810	WQIZIB	Maud Morris PSAD	JS/GM		₩KOXq		GM
	920	WRFAI	Norman Bie OpM	KG		KCLGf	Eric Kehew CE	J€
		WZYQ1	Howard C. Fisher CE	HHZ6V				89
			Len Robinson PD	AR		KRSVpu		WH
		WHAS	Charles R. Strickland CE	PA			Mike Porter CE	RV
		WRMRq	070	DA		WXRA1 KBTMru	Marty Mercurio GM Guy Patteson III	AR
1		KTRBpu	Brad Johnson	WH		KSTCpu		JW
		KUTR16	Greg Heuser PD	RV Fra		KRZZ1h	Daniel G. Tarum CE	WH
		WTEL KAAN1	Louise O'Donnel E Gregg Richwine CE	PA DH/RV		WKBLcbu	U/U	JW JW
		WHOU	Bud Denison CE	PA		WOBG1		HH
		WORXT	Dave Williams OpM	KG		WDKN1		KG
		CHQTfb	Bob Hunter CE	WH				RV.
		WBKZfz	Stan Carter GM	KG	1270	WLBRq		ĐΨ
		WBKZ1	Chip Lyness GM	RL	1270		Paul LeBlanc OpM	PA
		WLS	Harry Priester CE	RU		CJSLq	U/U CE	Ju
		KCLW1	John Hanna GM	PT	1280			Fra
	900	KFAL1	Doug Thomas PD	RU		KIVYI	Judy Allen	PT
1					1270	KLLFI	John R. Green GM	Pī

(5)

	Call	Signer	Contribu		tall	Staner	$\xi_{k+1} \cdot \iota$
	FOWSIm	Phillip H.Samser (f	PO		HTT112	Ron ermold the on	131.1
1290	WEHF1	Biron L. Dobbe SH	ŪΜ		ides[14	Robert I. Jilanan ID	F
		Martin Foglia CE	6M			Tempeth Burn, oil	F 11
	WKLBr	Larry Barker O	HH			Tim Europe 18	H^{\pm}
	bdb3;41 2055515-	Martin Foglio (E	PL 51		15:01 5 1 E 6 6 1	sett grap (brook gett	Fig.
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	MTTL	Rud) Owen OpM	PT		BN IO USRRI	Carrier Dayler 195	P _m
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	KPLU1u	Tim Taylor PD	'B1			Sawatas Synton 3M CE	15
		George Schank CE	RU		FMETT	Far Sagh	р×
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	K1[A1]	Randy Hill 90	FT				III.a
		H.E.Romesburg 8	FG		iraz Mig	U L CE	11.4
	KBKBlz KEFFIn	Mitch Matthews OpM DZU PD	DH PU		Jeroji! UFGF1	John H.Cessna # Pon Snown GM	(4.)
		P.H.Wallace PSD	JU.			inde provincia: Toda Rajobae Od	। त. १ । त. १
		William H. Trave DoE	E()			have fee (c)	:44
	KUYLF	Evelyn Haley DJ	Pi i			Gareth Hodge M	(4)
1370	KWRMupb	070	кн	1316		James town	Fla
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		Jim Handock CE	P ⁴ 3		HH	Haur Galbrack (N	
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1500	MC k 2 Lec	Renea 1 Carlott Gala	DT				

1530 WChilm Bruce L. Still Com

1530 WJANI Chris Horr. - Pr

DOMESTIC DX DIGEST - EAST

William R. Hale, 9823 N. Meadow, Converse, TX 78109

NOTES FROM THE CONTRIBUTING MINORITY

Locally, KFHM-1160 is carrying the San Antonio Dodgers AA baseball in EE. Also, KRNN-

930 is carrying weekend games of the Texas Rangers. Still no sign of 890 in Laredo.

• Eric Buenaman of suburban St Louis reports how he is receiving the new full-timers on Mexican clears: 540-XEWA & CBK dominate when splatter KUSA-550 is minimized; 730-KWRE is dominant+2200 s/off, when XEX takes over, CKDM is frequently hrd when XEX is off; 800-trade off between XEROK, CKLW & PJB as always, no sign of KREI @ 70 miles; 900-total mess w/XEW, CHML & WGOK occasionally poking thru; 1050-sounds like 1490 here! XEG pokes thru on occasiom; 1220-WGAR dominant, w/occasional visits from XEB/CJRB; 1570-XERF &

A hearty WELCOME BACK to Bill Kurrasch after 18 years of no NRC. No NRC!!?? He has repented and promises lots of DX to share.

■ Don Voorhies reports that with WOSC-1300 silent, that freq is opened up for SRS & SSS.

■ With the 'off season' here, now is a good time to have some work done on your equipment. And, it may be a good time to get that old typewriter fixed, making it easier on the editors. Even with DST, the time standard remains Eastern Listening Time!!

Others will not be accepted or printed.

PRECIAL

770 WCSW KY
1170 WWWA VA
1170 WWWA VA
1170 WWWA VA
1170 WKBF IL
ROCK ISLAND - 4/6 0320 poor, way u/WKBF w/SS pgmmg; ex:KSSA/KFJZ (EB-MO)
1340 WLVL NY
1360 WWNK OH
1360 WWNK OH
CINCINNATI - 4/6 2045+ now all OLDies, ex:AdCon & CHR; K-Rock 1360 AM
slogan (GC-NY)

1540 WXRA NY NORTH SYRACUSE - 4/3 0000+ fair→good u/WGAR w/SNN Nx, NOS mx, promo 24 hours a day Stardust 1220 w/such great classics as... (JM-PA)

WECZ PA PUNXSUTAWNEY - 4/14 1244 good w/EZL/NOS mx, lcl ads, still ABC Nx, Easy 1540 IDs; ex: WPXZ; WJLY-1550 off (JM-PA)

| DX | 6 | EQUIPMENT | TESTS | WEKS | GA | MARIETTA | - 3/16 | O100-0110 | unheard | (LMc-NY) | WEKS | GA | MARIETTA | - 3/16 | O115-36 | fair, but hvy | WTIC | QRM | w/TTs, | CIDs, | band | mx; | got | off | pretty | good | report | (HH-FH) | O100-0110 | WOAL | TX | SAN | ANTONIO | - 4/6 | O037 | TT/OC | o/CFGO | (EB-MO) | CEB-MO)

1560 WKDO KY LIBERTY - 3/9 0015 w/TTs, poss CWM u/WQXR; tent rpt already veried (MS-ON)

WKDO KY LIBERTY - 3/9 0015-45 well atop WQXR w/CIDs, VIDs, CWM (HH-CC)

UNIDe & UNIDe IDd 520 UNID CU - 3/21 1944 u/WVLK w/code/clock; R. Reloj (JH-KY) 520 UNID ?? - 3/23 2455 fair w/CHAM w/CWM & The all-new 82-0 slogan (LMc-NY)

870 UNID ?? - 3/23 0110-30 lots of AdCon blaring o/WWL, non-IDing only as the music stn, some nat'l ads, but didn't sound syndicated (LMc-NY)
940 UNID ?? - 3/21 1826 o/CBM w/CWM & ID that sounded like KC-101 (GC-NY)

UNID ?? - 3/10 1849 ment of Sheboygan; IDd as KC-103; HELP! (JH-KY) Easy,
Jody. WIDG-HI is just NW of Cheyboygan, MI (WRH)

1060 UNID ?? - 3/28 2020-2120 u/o/KYW w/BKB game; Clay Cnty vs Ballard?; southern

1060 UNID ?? - 3/28 2020-2120 u/o/KYW w/BKB game; Clay Cnty vs Ballard?: southern accents; poss FM 91 ment (GC-NY)
1170 UNID ?? - 3/24 0615 poor in jumble; annor reported a 600 lb pig was found on

Rt 23 and authorities gave it to nearest farmer (JHD-PA)

UNID MA -3/24~0624 weak w/jumble; EBS test w/SE MA as served area (JHD-PA) WKPE is about SE in MA as you can get, maybe them? (WRH)

UNID NC - 3/24 0700 weak w/jumble, ID in muddle; REL pgm starting w/REL tune (JHD-PA)

1220 UNID ?? - 3/27 1815 s/off >REL pgm; poss ment of Yorktown, address may have had 6505 in it (GC-NY)

UNID ?? - 4/4 2112+ stn w/tech problems switching from LO to HI pwr every few seconds; barely audible on LO, way o/WGAR on HI; sounded like OLDies

1280 UNID ?? - 4/6 2300 someone w/UrbCon mx, 1280 Radio ID, gave 898-3333 as

request line; wx (40f); above mess (EB-MO)
UNID ?? - 4/6 2302 someone w/ABC-I Nx, faded @ 2305 and back 30 sec later

w/CWM; could this have been KBRQ? (EB-MO)

1510 UNID ?? - 3/29 1834 SS mx/tlk u/CJRS/WLAC (GC-NY)

1560 WCDN OH CHARDON - 3/16 0145-0207 this was probably UNID by BH-NJ; I was listening to 1560 @ 0207 & I missed it too; but I had a positive ID just before 0300 (GC-NY)

1580 UNID ?? - 4/1 1909 u/CBJ w/SS tlk (GC-NY)

(8)

EMERGENCY

- 960 WHYL PA CARLISLE 4/4 1855 CWM o/CKWS/WFIR; ID W/FM 102 on >LSS due to flooding (GC-NY)
- 1470 WTOE NC SPRUCE PINE 4/4 2023+ good o/CHOW/WMG2/mess w/CWM, ment of bad snowstorm in area & canx in Spruce Pine, ment I-40 closed to Nashville; new (GC-NY)

TIS

530 KNJS865 MD ANNAPOLIS - 3/15 1942-3000 US 50 Severn Bridge is under construction; 5 watt pwr; fairly good (HH-FH)

MIDNIGHT TO MIDDAY

- 550 WICE RI PAWTUCKET 3/25 0605 on top w/wx, ID, RI nx; lost to WGR @ 0630 ant
 - KUSA MO ST LOUIS 3/26 0826 ID & CWM 11/WKRC (JH-KY)
- 560 CJKL ON KIRKLAND LAKE 3/23 0010 fair, mixing w/WHYN w/full-data s/off, 0600 s/on/5kw ments (LMc-NY)
- 590 WOW NE OMAHA 4/11 O627 good w/promo for 1 hr Grand 01' Opry show Sat nite; OWM, ID, nx (JHD-PA)
- 600 WVAR WV RICHWOOD 3/15 0658 fair u/detailed s/on (DV-NY)
 - KSJB ND JAMESTOWN 4/10 0630 v/good u/ID, sps (DV-NY)
- 610 WDAF MO KANSAS CITY 4/6 0343 fair mono, fair/poor \$ w/CWM (EB-MO)
- 680 WDBC MI ESCANABA 4/13 0605 v/good v/CBS Nx, ID, Sps; well o/WRKO/CFTR (DV-NY)
- 750 WNDZ IN PORTAGE 3/17 0835 up-tempo REL mx, apparently automated; no ID 'til O848 (DLH-IN)
- 770 WAIS OH BUCHTEL 4/15 0620 weak u/WABC; female group signing CL jx (JHD-PA)
- 810 WKZN VA CROZET 4/15 0732 weak in WGY null w/lcl ads, ID KZW; contest (JHD-PA)
- 820 WBAP TX FT WORTH 4/15 06.24 fair in CHAM null; ID Good Morning Texas; tips on safe handling of chicken (JHD-PA)Chicken handling is big down here(WRH)
- WOSU OH COLUMBUS 4/15 0726 good w/slogan Mx 820; story on rapid transit, wx: pgm updates, ID, Morning Edition (JHD-PA)
- 900 WKDW VA STAUNTON 3/6 0746 ID w/ment of AP Nx (JH-KY)
- WLSI KY PIKEVILLE 3/13 0704 ID out of 1cl nx, wx (JH-KY)
- 970 WATH OH ATHENS 3/18 0704 ID out of REL-NBC Nx (JH-KY)
- 980 WTRY NY TROY 3/23 0636 in WILK null, weak in fades, movie theme, ID jx, USAF PSA (JHD-PA)
- 1060 KYW PA PHILLY 4/6 0334 poor mono signal w/local nx u/XEEP; no \$ signal @ 0340 check (EB-MO)
- 1180 WJJF RI HOPE VALLEY 3/31 0634 fair u/WHAM w/ID, location (DV-NY)
- 1220 WXRA NY NORTH SYRACUSE 4/3 0000+ fair→good, fading u/WGAR w/SNN Nx, NOS mx,
- promo 24 hrs a day Stardust 1220 μ /such great classics as... (JM-PA) 1240 WJTN NY JAMESTOWN 4/14 0159 full ID by female up thru mess into poss ABC Nx
- (JM-PA)
- 1270 WNXT OH PORTSMOUTH 3/22 0831 ID out of REL (JH-KY)
- 1300 WPNH NH PLYMOUTH 4/12 0637 v/good w/lcl Easter promo, Lake Cnty wx, IDs,
- Plymouth State Sps+NBC Nx; 1st timer, WOSC silent (DV-NY)
- 1480 WNKY KY NEON 3/13 0800 CWM & ID+MBS Nx (JH-KY)
- 1520 WCHE PA WEST CHESTER 4/15.0701 weak w/usual WWKB; ID after nx, record played past the hour (JHD-PA)
- 1570 WRHD NY RIVERHEAD 4/11 0701 briefly surfaced o/WFLR/others w/Southampton ad, Suffolk Cnty Nx (DV-NY)
- 1580 WPGC MD MORNINGSIDE 3/20 0743 local ads & WCLY(FM) IDs(that threw met)(DLH-IN)

MIDDAY TO MIDNIGHT

- 530 CJFT ON FORT ERIE 4/1 2245 POP mx; ID: \$53; QRM from "NB" beacon (HF-MI1)
- 560 KWTO MO SPRINGFIELD 3/27 1900 w/ID & temp (JH-KY)
 - CFOS ON OWEN SOUND 3/27 2138 xlnt w/nx, wx, AdCon mx (BK-NY)
 - CFOS ON OWEN SOUND 3/28 1852 strong in WGR null w/CWM, promo for CWM Countdown; usually AdCon (GC-NY)
- 570 WMCA NY NYC 3/18 2225 fair (BK-NY)
- 580 WTAG MA WORCESTER -3/26 1800 weak w/WHP; ID, wx:You'll see fog in New England-rather you won't see due to fog (JHD-PA)
 - CKWW ON WINDSOR 4/6 2152 o/WCHS w/CHR mx, wx, ads; new (GC-NY)
- 590 WARM PA SCRANTON 3/24 (no time) fair→good w/AdCon mx (BK-NY)
- 600 WICC CT BRIDGEPORT 3/24 2046 fair; rpt sent (BK-NY)
- WCAO MD BALTIMORE 3/18 2150 w/CWM; rpt sent (BK-NY) 630 WPRO RI PROVIDENCE 3/24 2050 good w/wx, ads (JK-NY)
 - CFPO ON CHATHAM 3/26 1826 good w/CFCO Festure Rpt: mixing w/WLAP (DLH-IN)
 - WLAP KY LEXINGTON 4/1 2306 lcl wx→SJR's Talknet (HF-MI1)
- 640 WCRV TN COLLIERVILLE 3/13 1852 poor-fair w/canned REL pgm(DLH-IN)
- 660 WCRR VA RURAL RETREAT 3/21 1807 ID out of VA Net Nx+CWM (JH-KY)
- 690 WVOK AL BIRMINHAM, 3/28 1900 good o/CBF; legal ID in NCAA BKB on CBS (GC-NY)
- WNZK MI WESTLAND: 4711 1944 W/AA chanting & lcl ads (HF-MI2)
- 730 CHYR7 ON LEANIMSTON 3/19 2110 in null of CKAC w/good strength; ID CHYR-The Amazing AN (JHD-PA)
 - CHYR7 ON LEAMINGTON 4/10 2001 weak u/CKAC w/CLs (GC-NY)

- WNAK PA NANTICOKE 3/22 1855 poor u/CKAC w/MYL-type mx, ID(LMc-NY)
- 750 WBMD MD BALTIMORE 4/4 1920 w/GOS-sounding mx,ID by female; evidently on their 89 watt PSSA (JS-OH)
- 760 KMTL AR SHERWOOD 3/26 1842 u/WJR w/GOS mx; hrd many times, but 1st positive ID
- 770 WYRV VA CEDAR BLUFF 3/24 1758 in w/ID (JH-KY)
- 790 WTNY NY WATERTOWN 4/7 1936 way o/CKMW w/MOR mx, ment of upcoming nxcast, \$ (GC-NY)
- 800 WSVS VA CREWE 3/22 1900 blowing away an unusually submissive CKLW w/female giving ID South VA's Country is WSVS, Crewe; CWM (LMc-NY)
 - WSVS VA CREWE 4/5 1957 good in fades, mixing w/CKLW; ad to promote unknown song writers & lyricists in CWM; ID; Amer Country Countdown; this may be the one Bill Hardy was looking for some time back (JHD-PA)
 - WLAD CT DANBURY 4/12 1928 fair u/CKLW w/ID & ads, one mentg Danbury (JHD-PA)
- 810 WGIZ SC ST GEORGE 3/28 1830 s/off well o/WGY; ment 5Kw; was looking for WEDO-PA (GC-NY)
 - WEDO PA MC KEESPORT 4/4 1857 CLA-type mx w/WGY; address (as in log) to send comments to (GC-NY)
- 820 CHAM ON HAMILTON 4/7 2210 good w/Joel Christy & Country Music's Greatest Hour lcl CW pgm; ad for Zurich Insurance (HF-MI1)
- 830 WMMI MI SHEPHERD -4/4 1900-1915 s/off after 1cl WLND s/off w/SMN OLDies & Mid-Michigan has discovered the gold in \$ on WMMI; s/off sez studios/XR in Mount Pleasant; new (JS-OH)
- 850 WJAC PA JOHNSTOWN 3/14 2006 fair; verie back in 7 days (BK-NY)
- KOA CO DENVER -3/26 2248 fair atop freq w/Nuggets BKB, 1cl ads, incl one for Continental-The Official Airline of Colorado-Linking Denver u/72 cities; photo contest promo (MS-ON)
- WQKA NY PENN YAN 3/29 1452 weak in CJBC slop w/CWM & 2 clear IDs; new; fair day cx (GC-NY)
- 870 KAAN MO BETHANY 3/26 1900 CWM, Regional Radio Can [KAAN] IDs; Ai Nx (DLH-IN)
 - WFLO VA FARMVILLE 3/28 1757 fair w/ROK mx, ID; 1st timer!(LMc-NY)
- WKAR MI EAST LANSING 4/11 1956 v/good in SS w/Nortena mx ending @ 2359;PSA for NPR, phone #353-5000 (HF-MI2)
- 880 KRVN NE LEXINGTON 4/1 2050 good w/farm prices, CWM, ads:Cambridge-Indianole
 Coop & Garth Seeds; u/WCBS; disappeared @ 0100, change to DA? (HF- MI1)
 They go DA @ LSS; maybe they forgot to throw the switch! (WRH)
 - WRFD OH WORTHINGTON-COLUMBUS 3/28 1800 good in WCBS null w/dual ID Your #1 Christian Station, WRFD, Worthington-Columbus (LMc-NY)
- 890 WHNC NC HENDERSON 3/20 1814 ID+what seemed to be s/off; weak u/WLS; hrd 3 minutes of Ae Nx @:00+UrbCon (JH-KY)
- 910 CKLY ON LINDSAY 3/19 2347 ID+AdCon mx (JH-KY)
 - WAVL PA APOLLO 3/29 1806-10 EZL mx o/CKLY; s/off @ 1810 (GC-NY)
- 920 CBO ON OTTAWA 3/21 1824 o/WMMN w/CBC EE tlk#CBM-940; also 4/4 1820 w/ROK
- 920 CBO ON OTTAWA 3/21 1824 o/wMMN w/CBC EE tlk||CBM-940; also 4/4 1820 w/ROK countdown||CBM-PQ (GC-NY)
- WMMN WV FAIRMONT 4/13 1922 good w/promos, ID for FMer; OLDie (JHD-PA)
- 930 KWOC MO POPLAR BLUFF 3/9 1915 ID & WX (JH-KY)
 - WEOL OH ELYRIA 4/7 2225 Fantastic Mx @ WEOL; EZL mx; QRM from "RR" Cuba weak; good (HF-MI?)
- 940 WNRG VA GRUNDY 3/10 1732 ID & Grundy ment (JH-KY)
 - WGFP MA WEBSTER 3/28 1801 fair w/your good mx stn slogan, brief s/off (LMc-NY)
 WKYK NC BURNSVILLE 3/30 1829 o/u/WMAZ w/no CBF; ID 94-XYK between CHR/AdCon mx;
 new; NC #25 (GC-NY)
 - WKGM VA SMITHFIELD 4/8 1727 poor in WBEN slop, no CBM; seemingly ConChr (that's Contemporary Christian-WRH) mx; ID:94-KGM (GC-NY)
- 950 WCTN MD POTOMAC-CABIN JOHN ~ 4/1 1900 o/WWJ w/slogan home of quality Christisn
- 960 WELI CT NEW HAVEN 3/21 1745-1800 Syracuse BKB postgame show; CBS radio NCAA; sports leader slogan; pwr cut @ 6 (GC-NY)
- 970 KNEA AR JONESBORO -3/13 1990 altho no IDs were hrd, very precise local ads tipped me off; lost after ad cluster (DLH-IN)
 - WAVG KY LOUISVILLE 4/7 2232 Jack & the Track w/Louisville Downs race results; poor+ (HF-MI1)
- 990 WTIG OH MASSILLON 3/17 1907 The new country WTIG & Country 99 mixing w/WNOX
 - WEEB NC SOUTHERN PINES 4/4 1918-47 weak u/WNYR w/AdCon, ads ment S.P. &
- Aberdeen, ment NC Dealers (cards, drugs, autos?-WRH),wx 4cast;new(GC-NY) 1000 WRNJ NJ HACKETTSTOWN 3/25 1915 w/IDs (JH-KY)
- WIOO PA CARLISLE 4/7 1942 100 AM WIOO ID; CHR mx; alone in CFRB/WNYR slop(GC-NY)
- 1010 WYST MD BALTIMORE 3/21 1750 alone w/OLDies; WINS fading in slowly (LMc-NY) WTGC PA LEWISBURG 4/8 1931 u/CFRB w/slogan #its of yesterday and today, then ten-ten WTGC px (GC-NY)
- 1030 WBZE MD INDIAN HEAD 3/31 1814 GOS mx+s/off; super lcl-like signal ripping WYSL/WBZ apart (GC-NY)
- 1040 WSGH NC LEWISVILLE -4/5 1910-1925+ W/CWM atop all; call stands for: Winston-Salem Greensboro-High Point (JS-OH)

(10)	₩SGH	NC	LEWISVILLE - 3/25 1835 caught end of s/off w/TD to return tomorrow
1080	WEEP	PA	μ/60S pgmmg (IN-NY) PITTSBURGH - 4/10 2023 noted way o/WTIC u/satellite-fed OLD; was past
1110	WHIM WJML	RI MI	LSS, on PSSA pwr or forgot to s/off (GC-NY) PROVIDENCE - 4/13 1954 good w/cricus promo (DV-NY) PETOSKY - 3/21 1832-45 way b/WBT after CKJD pwr cut; MOR mx, 99 JML IDH FM 98.9: no-data s/off @ 1845, just FM invite & city (GC-NY)
1120	wsfw wkow	NY Pa	SENECA FALLS - 3/21 1830 weak s/off, PSSA part also 4/7 1845 @ LSS(GC-NY) OIL CITY - 3/22 1827 v/strong, no KMOX w/MOR mx. ID 11-KQW; s/off @ 1915 (GC-NY)
1150	WYNO WELC WCRK	OH W∨ TN	NELSONVILLE - 3/22 1829 briefly o/WKOW w/s/off, ment live prgmmg (GC-NY) WELCH - 3/24 1733 w/ID (JH-ZKY) MORRISTOWN - 4/1 1904 w/CKOC briefly w/join us here & WCKK, then faded;
1160	CJRC WFEN	ON	<pre>new for TN #22 (GC-NY) OTTAWA = 4/1 1904 destroying CKOC u/FF tlk (GC-NY) FENTON = 3/1 1756 fair u/Elton John songs few minutes sway from CBS NX</pre>
1170	WYNS WCXN	PA NC	here on WFEN; Savings Bonds PSA, more; Lost to WJJD @ 1800 (MS-ON) LEHIGHTON - 3/31 1810 o/WCCS w/wx 4cast, CLs (GC-NY) CLAREMONT - 3/27 1826-30 u/WWWA w/mx, ID; ment of 88.1 FM; apparent s/off @ 1830 (GC-NY)
1180	WFKB	KY	FLORENCE - 3/14 1235-1300 poor*fairly good; atop channel @ times; little to hvy WHAM ORM; guest pgm, ads, SIDs; QSL in 4 days (HH-CC)
1200	WOAI	TX	SAN ANTONIO - 4/5 2200 W/Spurs BKB vs Warriors (JHD-PA)
1210		ΟH	DAYTON ~ 4/5 1945 w/JAZ pgm o/unusually weak WCAU (JS-OH)
1220		NΎ	NEWBURGH - 4/6 1923 c/WGAR w/AdCon mx, prome for mx by female (GC-NY)
11.	WFAX	VA	FALLS CHURCH - 3/29 ad for "Nor. a (1-WRH) o/CHSC+s/off; new (GC-NY)
1230		NY	WHITE PLAINS - 4/3 1801 briefly on top w/nx, ID, sps, wm (DV-NY)
1230		NH	
	WSTV		
4046	WKB0	PA	JAMESTOWN - 4/14 (159 full ID by female thru mess-poss ABC Nx (JM-PA)
1240		KY	PIKEVILLE - 3/24 1731 w/lcl ads mixing w/others (JH-KY)
1250		WV	RUPERT - 3/24 1734 ID & CWM (JH-ZKY)
	WYKM	WV	RUPERT - 4/1 1928 weak u/CHWO v/CLs (GC-NY)
	CBOF	ON	OTTAWA - 4/5 2022 good w/FF prgmmg; two men discussing records; ID(JHD-FA)
1270	WLBR	PΑ	LEBANON - 4/6 1923 destroying 1cl WHLD w/8/ps Leader slogan, mm (GC NY)
	WCBC	MD	CUMBERLAND - 3/22 1925 loud c/WXYT in WHLD mull w/ads & promo for Oldies
			show (GC-NY)
1280	MOMM	OH	DEFIANCE - 3/12 1945 poor w/HS BKB w/many UNID stns(DLH-IN)
1300	WXRL	NY	LANCASTER - 4/12 1600 weak, but alone w/PSA, dual ID:Lancaster-Buffalo
	WXPX	PΑ	(DV-NY) WEST HAZELTON - 4/13 1855 good o/WPNH w/pgm notes, nx, hot line #636
			2999; ID as 13% WXP% (DV-NY)
1310	WDOC	KY	PRESTONSVILLE - 3/3 1735 ID W/ment of Mtn Country (JH-KY)
1320	WANI	VA	
1340	WOYL	PA	OIL CITY - 4/4 1405-25+ w/CHR, remote from the Cranberry Mall; actually
4000	()EED	M	rare here despite geographic closeness; c/usual WSTV (JS-OH)
13€0		MD	BALTIMORE -3/24 1759 Baltimore ment w/trffc rpt (JH-ZKY)
	WBOE	VA	GALAX - 3/24 1804 w/ment of Grayson Chty & VA (JH-ZKY)
	KBKB	IA	FT MADISON - 3/19 1947 ID & ad caught before fadeout; verie stated they were on 50 watt PSSA @ time and it was a miracle I had them; miracle, no;
1070	NEDE	61.1	lucky, yes! (DLH-IN)
1370	WSPD	ÓН	TOLEDO - 3/27 1837 all alone! loud w/ads, promo for tlk show; AdCon mx
1000	omon	No.	(GC-NY)
1389	WTOB	NC LIT	WINSTON-SALEM - 3/24 1800 ID into SNN Nx (JH-ZKY)
	WFCL	WI	CLINTONVILLE - 3/19 1936 lcl ads/promos for state HS BKB champs; QSL in
			mail (DLH-IN)
, ~~~	WKDM	NY	NEW YORK - 3/29 1820 way o/all w/Radio Musical ID-SS mx (GC-NY)
1390		OH	YOUNGSTOWN - 3/28 1815 W/IDs (JH-KY)
	WANY	KY	
1400	WMZQ CKCB	ON	
1410	n moon	OT	Barrie (GC-NY)
1410	WPOP	CT	HARTFORD - 3/12 1840 good; rpt sent (JK-NY)
	WHAG	MD	HALFWAY - 3/25 1831 6/KQV in WPND null w/wx, then Peter Jennings for A:
1450	WFRA	PA	Nx (GC-NY) FRANKLIN - 4/8 2004 above GY mess w/nx about road closings, annor
1460	WEMR	PA	advised listeners to stay tuned for more details (GC-NY) TUNKHANNOCK - 4/10 1946 c/all w/PSA for Wyoming Chty Humane Society;
1.470	LIVIO.	D.4	ment Ames Store, NBC Nx @ 2000; new for PA #125 (GC-NY)
1470 1500	wxkw wlgy	PA OH	ALLENTOWN - 4/1 1836 loud o/CHOW w/CWM, ID (GC-NY) XENIA - 4/6 2000-2015 fair u/o/WTOP w/USRN Nx, latest wx, then EXLENUE
			mx+s/off (JM-PA)
	WDEB	TN	<code>JAMESTOWN - 4/4 1915 fair w/CWM then s/off in between WTOP mentg oddings: (JM-PA)</code>
1510	MICO	ΜI	JACKSON - 4/6 2015 s/off o/presumed CKOT; invited comments, ment AMS; new for MI #25 (GC-NY)
	WAUK	WI	

1520	KOMA	OK	OKC - 3/10 1915 fair, mixing w/WWKB as 1520 KOMA; 15 Tons by Tennessee
			Ernie Ford (MS-ON)
	WHRF	MD	I T TO HOL MK SHOT (STOLL D) WWILD (DV-NI)
	WCHE	PΑ	WESTCHESTER - 4/8 1943 readable u/WWKB w/detailed s/off by female(DV-NY)
	WTHE	NY	MINEOLA - 4/6 1941-45 = w/super-powered lcl WWKB (10 miles): REL mx.
			s/off ment Nassau? Cnty; hard to believe this can penetrate 50 Kw KB;
			new (GC-NY)
	WOCT	OH	BRYAN - 4/6 2015 CWM u/WWKB, garbled WQCT Bryan ID @ 2015, presumed
			s/off; new (GC-NY)
1530	WRTP	NC	- community of a first foot dendity drop ited Attitite-modelate miki hou
			are listening to WRTP Public Affairs-talk type pgms w/nx from NC Nx
			Ntwk; prompt QSL 1ttr (HH-CC)
	WBCW	PΑ	
	WCTR	MD	CHESTERTOWN - 4/4 1845 weak s/off o/rest; only 250 watts; new (GC-NY)
	WDEY	ΜI	LAPEER - 4/6 1951 o/WCKY/UNID (Tri-State Furniture ad); jx, ROK mx(GC-NY)
1580	WKKD	IL	AURORA - 3/12 1957 atop briefly w/sps calendar/ads (DLH-IN)
	WKKD	IL	AURORA - 3/28 2300+ v/good @ times w/WVKO w/MOR/AdCon mx, UPI Nx, West
			Suburban Wx, dual Aurora-Naperville ID, also CNN Nxbreaks during evening
			while in a few times a week (JM-PA)
1590	WQQW	CT	WATERBURY - 3/19 2145 fair w/EZL mx, wx (BK-NY)
	WAKR	OH	AKRON - 3/19 2135 fair w/nx, wx (BK-NY)
			The state with the state of the
REPO	RTERS	;	
JHD-P	A John	_ Demi	mitt//Bellefontaine, PA//ICF-S5W
HH-CC	Hank	Holl	brook//Chevy Chase, MD//SP-600 + 100' LW (East)
HH-FH	Hank	Holl	brook//Fair Haven, MD//SP-600 + 100' LW (East)
JH-KY	Jody	Hual	hes//Lexington, KY//R-1000 + RW Loop
JH-ZK	Y Jody	Hugh	hes//Hazard, KY//Ye Olde Delco caradio
JS-OH	Jerr	v Sta	arr//Youngstown, OH//
BK-NY	Bill	Kuri	rasch//Ontario, NY//NC-77X
DLH-II	V Dave	Haer	call//Fortville, IN//DX400 + loop
MS-ON	Morr	is So	orensen//Milton, ON//HQ-150 + 150' LW
EB~MO	Fric	Rupr	neman//Hazelwood, MO//DX-400, TM-152 + 30' LW
LMc-N	/ Laure	= M⇔(North / Mingata NV / OR 182 + 30° LW
HF-MI1	Haro	ld Ex	Cusker/Kingston, NY//GE World Monitor, Superadio +
HF-MT	Haro	ld Ex	codge//Midland, MI//DX-302, Arcomm AP4 + 185' LW
			rodge//Island Lake, MI//DX-302, Arcomm AP4 + 2000' Loop
JM-PA	John	Mali	(A 2000' loop?-WRH) + 500' LW
	Gree	Coni	cky//Pittsburgh, PA//Superadio II
DV-NV	Don 1	loomb	glio/Clarence, NY/
2. 1.1	DOI! V	OCI	nies//Oswego, NY//FRG-8800 w/Gilfer mod
			\sim 0 . Λ
28 SYRAG	CUSE HER	ALD JO	OURNAL 4-12-87
			Ham Radio
***************************************	•••••	opposes .	

Founder of Collins Radio Company dies

By Vivian Douglas ...WA2PUU

Some hams have used the expression "Collins is the Cadillac line." It was a dream come true for many amateurs when they could include a piece of Collins in their shack inventory.

Arthur Collins, WOCXX, founder of the Collins Radio Company, recently became a Silent Key at the age of 77. First licensed as a radio amateur in the 1920s, Collins formed the Collins Radio Company in 1931 to build quality transmitters principally for radio amateurs. When Admiral Byrd planned his 1933 expedition to the Antarctic, he selected Collins to build his

transmilters.
According to the ARRL Letter, there were two key inven-tions by Collins which helped make the company's transmitters superior to any other com-mercial manufacturer: The Autotune, a device which enabled the transmitter to be tuned instantly, and the permeability tuned oscillator.

In the 1930s, Collins began building transmitters for Braniff Air Lines, making the company a leading supplier of avionics equipment. By the 1970s, it was estimated that Collins equipment was used for communications or navigation by 80 per-cent of the free world's airlines.

Prior to World War II, The Collins Company won major U.S. Navy contracts, which launched the company into large-scale electronics production. During World War II, most Navy ships had Collins communications equipment. Collins transmitters aboard the USS Missouri were used to broadcast the V-J Day surrender ceremonies.

The Collins Radio Company is best associated with its early work with single sideband. In 1955, its KWS-1 was virtually the first commercially manufac-

tured SSB transmitter. If you have always wanted to visit the Amateur Radio Relay League Headquarters located in Newington, Conn. but haven't

had the opportunity they are planning an Open House on May 31. Any group or small club who would like to set up a visit on this date should notify the Membership Communications Services Office, so a tour can be arranged. The WIAW Hiram Percy Maxim Memorial Station. along with the Headquarters building will be open from 10 a.m. to 4 p.m. Anyone who plans to operate at the WIAW station must have a copy of their operator's license in their possession.

The VU4APR operation has been active mainly on 20 meters, primarily centered around 14.200 MHz. They operate both split and transceive, and there are some reports of some 15 and 40 meter activity as well. WESTILINK Report states VU4APR is located in the Audaman Islands and VU4RNO will be located on the Nicobar Islands when that part of the operation gots under way....73...Viv







DOMESTIC DX DIGEST - WEST

Nancy Hardy, 2301 Pacific Avenue, Aberdeen, WA 98520

Welcome to another DDYD-west! Please use one side of the sheet of paper (1 cut all the tips apart & arrange them in frequency order. No word processor here!), lastern time, and details to help others log the station. Leadlines here are Caturdays Nay 23, June 27. Let's hear from you!

SPE	CIAL		
600	KKLQ	CA	SAN DIEGO - Ex-KLZZ 3/25 0100 ID atop. CHR format. (DKK-CA)
690	KQMQ	HI	HONOLULU - Fer station, as of 3/20 KKUA is now KQMQ,
			totally simulcasting KQMQ-FM. Format is now CHR, using
			slogans "The New Super Q" & "93 F-M-Q." (5P-hI)
760	KJIM?	CO	THORNTON - OC heard during daylight hours since April 1.
			strong, probably this U.P. Goes off around sunset. (DW-CO)
770	KPLA	CA	RIVERBANK-SAN FRANCISCO - 4/5 apparently 1st day noted 0947
			w /what sounded like AUR format. []] "we've got the power,
			from 77-West." However, noted 4/6 and after with strict
			religious format. Signal good of course along with Riverbank-
			San Francisco His. (DAK-CA)
1090	YYPG	CO	AURORA-ITNVER - New call, ex-Elst. Changed on April 1. Format
			seems to be 50's thru 70's mellow pop oldies, ranging from
			Sinatra to 5th Limension. Slognas are "K-Eig" & "The Biggest
			Jound in Penver," Big deal, I say. (ØW-CO) GRAND JUNCTION- 4/17 2259:45 ending EZL instrumental, AM &
1100	KVEE	CO	GRAND JUNCTION- 4/17 2259:45 ending EZL instrumental, AM &
			FM ID, more EZL. Fair to poor in KEAN null. Ex-KIJO.
			(BH &NH - ₩A)
1180	KLAR	NT	RELLEVUE - 3/21 1912 all-news station, taking to the air
			about March 18. Feard here with good sigs, some fading. (As)
1270	AKBF	IL	ROCK ISLAND - 4/4 2240 CES Sports, Caw music to 2300 II and
·			regional/nat'l news. Cenerally good but fadey. Lx-WHEF. (DA)
1 390	KMIX	CA	TURLOCK - Ex-ECEY 4/5 1011 with SID "KMIX-AM 1390" 6&W music
			in KGER null. (FKK-CA)
1460	CF	1: I	KAILUA - 3/12 or has been granted to Fauna Lea Proadcasting,
			owner of MOTH-PM in Kailua per call to station. Is owned by
			Saul Levine, who also has a part in KSHO-540, KEGO-PM in LA
			and Jazz Satellite Network. No calls, s/on date or format
			yet. (5F-HI)
1 570	KTGE	CA	SALINAS - 3/28 1003 ID "K-T-G-L, Radio Tigre" thru KCVR.
-) -			Followed ID with a tiger roar, then repeated. Still Spanish.
			(DKK-CA)
MIDDA	Y TO M	INGI	GHT
550	KBOW	MT	BUTTE: - 3/30 2335 periodically on top with woman DJ with
			C&W. (JSM-BC)
620	KWFT	TX	WICHITA FALLS - 4/6 2148 mellow oldies, 2200 "Back to the
			Bible," 2230 more music, PSA's. Good with KHOW-630 slop.
	11,111		Bible, 2230 more music, FSA S. Good with Know 636 Stop.
			(Ø₩-CO)
1050			(Ø₩-CO)
1050	KTBA	AZ	$(\emptyset$ N-CO) TUBA CITY - 3/21 2006 weather for Navajo & Hopi nations,
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1060 1070 1110 1230 1240 1290	KTBA KFNA KRBE KHEI KCBN KRDR CJAV KVIX	AZ TX TX HI NV OR EC OR	(ØW-CO) TUBA CITY - 3/21 2006 weather for Navajo & Hopi nations, 5-10" of snow for the Grand Canyon. Generally good, but fadey. (ØW-CO) EL PASO - 4/3 2140 old-style ballads & sentimental fare; man anner. with "Radio Fina" IDs & chat. Fair in KUKQ null. (ØW-CO) HOUSTON - 4/3 2102 hard rock music with few interruptions except for an occasional "Power 104" slogan thrown in by woman DJ, apparent simulcast of FM. Fair in KNX null. (ØW-CO) KIHEI - 4/7 per station, while visiting there, its network of MW relays is fed by microwave but is all on carrier current, like some college radio stations. Hence one must be near the electrical wiring of KLAN-600, KLAH-700 and KMOL-810 to pick them up. Tried but unable to hear KLAH while in the Lahaina area. (5P-HI) RENO - 3/25 2230-2400 in/out along with KPAK/KPRL/KGEO.(DKK) GRESHAM 3/23 1802 local weather, legal ID "AM 1230 KRDR" into C&W. (JSM-BC) PORT ALBERNI - 3/29 1954 with "AV News at 5 with Terry Johnson," fair in KGY null. (JSM-BC) LAKE OSWEGG-PORTLAND - 3/25 2209 fair with Portland Winter Hawks vs Spokane Chiefs hockey. (JSM-BC)
1060 1070 1110 1230 1240 1290 1370	KTBA KFNA KRBE KHFI KCBN KRDR CJAV KVIX CHPQ	AZ TX TX HI NV OR BC OR BC	(ØW-CO) TUBA CITY - 3/21 2006 weather for Navajo & Hopi nations, 5-10" of snow for the Grand Canyon. Generally good, but fadey. (ØW-CO) EL PASO - 4/3 2140 old-style ballads & sentimental fare; man anner. with "Radio Fina" IDs & chat. Fair in KUKQ null. (ØW-CO) HOUSTON - 4/3 2102 hard rock music with few interruptions except for an occasional "Power 104" slogan thrown in by woman DJ, apparent simulcast of FM. Fair in KNX null. (ØW-CO) KIHEI - 4/7 per station, while visiting there, its network of MW relays is fed by microwave but is all on carrier current, like some college radio stations. Hence one must be near the electrical wiring of KLAN-600, KLAH-700 and KMOL-810 to pick them up. Tried but unable to hear KLAH while in the Lahaina area. (5P-HI) RENO - 3/25 2230-2400 in/out along with KPAK/KPRL/KGEO.(DKK) GRESHAM - 3/23 1802 local weather, legal ID "AM 1230 KRDR" into C&W. (JSM-BC) PORT ALBERNI - 3/29 1954 with "AV News at 5 with Terry Johnson," fair in KGY null. (JSM-BC) LAKE OSWEGC-PORTLAND - 3/25 2209 fair with Portland Winter Hawks vs Spokane Chiefs hockey. (JSM-BC) PARKSVILLE - 4/2 2045 poor in the QRM, BC #18. (JSM-BC) PARKSVILLE - 4/2 2045 poor in the QRM, BC #18. (JSM-BC) PEARL CITY-HONOLULU - 3/21 1215 now runs SMN Starlight
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hour, using UPI actualities. Returned to air 3/9. (5P-HI)

- 1450 KOTW OK WOODWARD 4/3 2345 in & out of QRN with pop music, man anner. "Playing all the hits for NW Oklahoma." NFA. News, 1 think, at 2400. (ØW-CO)
- 1460 KENO NV LAS VEGAS 4/3 atop in KDON null 2113 with local & nat'l ads. (DKK-CA)

MIDNIGHT TO MIDDAY

- 560 KSFO CA SAN FRANCISCO 4/2 0010 fair with rock oldies & female DJ in KPQ null. (JSM-BC)
- 630 KIDO ID BOISE 3/20 0120-0200 u/KOH carrying Larry King // with KOH.

 ID 0200. Nice echo effect when //. (DKK-CA)
 - KBEY OR COQUILLE 4/6 0959 with ID (K Shore & K Bay). No call change yet. (DKK-CA)
- 640 KFI CA LOS ANGELES 4/8 0048 "The Larry King Show" with guest, author David Aarons, blip ID 0050 "64 K-F-I." Fair, KORL-650 a minor irritant. (5P-HI)
- 680 KNBR CA SAN FRANCISCO 4/6 0623 Talknet phone # & theme music heard, quickly dropping into mud & slop; back up with teletx at 0625. Very poor, KORL-650 & KPUA-670 slop. (5P-HI)
- 690 KKUA HI HONOLULU 4/6 0605EDT noted off the air on rare SP. (5P-HI) 760 KGU HI HONOLULU 4/6 0605 noted off the air as well. (5P-HI)
- 790 KABC CA LOS ANGELES 4/8 0043 baseball postgame show "Dodgertalk" with Bud Furillo, including ad for a treatment center. Poor,
- audible in slight KKON null but ripply. (5P-HI)

 1EXINGTON 4/6 0637 man with midwest accent reading world/
 nat'l news, interlude, 2nd man with regional weather for
 Rockies, Plains, etc, then specific weather for NE, WY, NE CO

 KS, then very specific weather for Central Nebraska ending
 with "and at our K-R-V-N studios..." radial tire ad, promo
 for "Weather Watch," time check "? before 6 o'clock" & C&W
 music but lost to slop. Very poor, KIKI-830 slop. NE #1
 from Honolulu. (5P-HI)
 - CHQT AB EDMONTON 3/29 0830½ Edmonton local news under KMFR. Fair signal. Weather 0834, nicely atop by 0838 local items & temp. time 0840 and "QT 880" ID. (DKK-CA)
- 960 KALE WA RICHLAND-PASCO 4/6 0000 poor with news & legal ID "KALE, Richland-Pasco-Kennewick," new, WA #37. (JSM-BC)
- 990 KKIS CA PITTSBURG 4/6 0610 songs by Genesis & Dan Fogelberg, jingle "K-K-I-S," into Culture Club & Dionne Warwick songs. Very poor, het co-channel rippling in & out, local QRM.(5P)
 - KHVH HI HONOLULU 3/17 0504 noted off the air; station says for scheduled maintenance. Still off at 1000, back on at 1118 recheck. (5P-HI)
- 1070 KNX CA LOS ANGELES 4/4 0246 sports, including KNX reporter at Dinah Shore Golf Open in Palm Springs; fell into ripply noise at 0248. Poor, spur QRM. (5P-HI)
- 1080 KSCO CA SANTA CRUZ 4/4 0249 Kenny Loggins song, male DJ announcing Mystery Song Contest time "on K-S-C-O" & gave phone number "Four-Seven-Nine-Ten-Eighty," possible ad, Toto song. Poor, ripply local QRM. (5P-HI)
 - KRLD TX DALLAS 4/6 0614 actuality with outcue "...K-R-L-D News," anchor said "K-R-L-D Newstime, 15 minutes past 5," into weather. Very poor under QRM mush. TX #1 from Honolulu. (5F)
- 1100 KFAX CA SAN FRANCISCO 3/12 0400 apparent s/off, with annot. of being "authorized by the FCC," etc. Said transmitter was located in or on "Davis" but couldn't make out preceding words. Then apparently off as next-door WSZO-1098 got
- stronger & the het got weaker, Very poor. (5P-HI)

 1120 KPNW OR EUGENE-SPRINGFIELD 3/23 0532 female DJ with usual MOR/MOR oldies format, numerous "11-20 K-P-N-W" IDS, Ai news 0600 wiped out by local QRM. Fair to poor. (5P-HI)
- 1180 KSSK HI HONOLULU 4/6 0618 noticed for the first time the 2nd harmonic of KSSK-590. Signal loud but splotchy, probably due to the receiver itself. (5P-HI)
- 1220 KCCS OR SALEM 3/24 0100 continuous relig. music, fair. (JSM-BC)
 1250 KLLK CA WILLITS 3/24 0040 good with rock in CHSM null. (JSM-BC)
 CHSM MB STEINBACH 3/24 0050 strong with classical, dominating
- OHSM MB STEINBACH 3/24 0050 strong with classical, dominating freq., has / on 1220 but not heard yet. (JSM-BC)

 1390 CKKC BC NELSON 4/2 0034 with WIHL Hockey Elk Valley Blazers vs
- Nelson Maple Leafs. (JSM-BU)
- 1400 KBCH OR LINCOLN CITY 4/3 0058 positively dominating the GY for 5 minutes with EZL into network news; 1kw & a good antenna.

 OR #28. (JSM-BC)
- 1410 KRML CA CARMEL 3/29 1000 ID as KAZU-Pacific Grove. As a belated after-thought he added KRML Carmel. (DKK-CA)

1440 KDIF CA RIVERSIDE - 3/22 0515 with Spanish program. Many ments of	Don Kaskey, 654 35th Ave., San Francisco CA 94121
Riverside atop KUHL. (DKK-CA)	DOI RESKEY, OF THE STATE OF THE
1500 KXVQ OK PAWUSKA - 4/6 0756 "Country Sunrise" program with usual	
wakeup fare, C&W music; 0800 ABC News. Good with KDKO-1510	Through Volume 54 # 24 dated March 30, 1987

COUNTRY V54 V53 V52 V51 V50 V49 V48 V47 V46 V45 V44 V43 V42 Prior Tota	gorni g			1753	*** ^	17E 1	1750	1140	11/40	1117	17.46	V/15	37.4.4	11/13	1742	Prior	Total
	COUNTI	RX_	<u> </u>	V > 3	V 5 Z	ΛЭT	V 3 U	V 43 5	V 4 6	V 4 7	V 4 0	V 41 ⊃	V -1 -1	V -12 -2	V 112	TTTOL	10011

39 52 15 19 CANADA 91 54 115 == 4836 2485 1001 337 311 224 116 U.S.A. 42 15 2736 1040 389 326 243 124 96 58 30

New Stations reported as having taken the air during the period covering Volume 54 #19 through #24:

650-KHHY-WY 750-WNDZ-IH 770-KPLA-CA 820-WAPO-TH	(x-870)	960-WEAB-TN 970-WHWB-VT 980-WJIW-NY 1180-KKAR-NE	
830-WMMI-MI			

Notes: CHYR-730-Leamington Ontario is back on the air. CFBQ-1340-Parry Sound Ontario, WAXC-1230-Berlin NH & CHET-1450-Chetwynd BC are permanently off the air. KCKX-1460-Stavton OR & WSTL-1410-So. Glen Falls NY were incorrectly reported as on the air, they are still CP's.

Previously unreported stations noted by NRC: reporters in DX NEWS since the last update (V54 #23)....Covers V54 #19 through #24:

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AZ---2 KFBR-1340 (McDonald-BC)
GA---5 WALH-1340, WGPC-1450 & WVLD-1450 (all by Lewis-vac-GA)
MI---1 WMMI--830 (Frodge-MI); WCCY-1400-(Wilkins-vac-WI)
       WJIW--980 (Bezilla-PA): WYSL-1030-(Voorhies, Renfrew, Coniglio-NY)
NY---0
       WHWB--970 (Geary-PA)
WY==-2
       KUUY--650 (Wilkins-CO)
       CJDC--890 (N.Hardy-WA)
```

OFF THE AIR STATIONS: 1380-WAVI-NH, 1440-WBCM-MI, 1450-KMKR-CO, 1540-KKDI-AR

BACK ON THE AIR: 1000-WYBT-FL, 1230-WBME-ME, 1300-KHUG-OR....

Canada To Go C-QUAM

by David Hughes

(14)

1 580

REPORTERS

1520 KOMA OK

KFBK CA

WHEZ MI

KNIX AZ

Ottawa Ontario ... Canada's Department of Communications (DOC) has selected Motorola's C-QUAM system as its national AM stereo standard.

In a 21 March announcement published in the Canada Gazette, which is similar to the US Federal Register, the DOC indicated that AM stations operating with stereo systems other than C-QUAM have one year-until 31 March 1988-to convert to C-QUAM or cease broadcasting in stereo.

The DOC which develops and defines Canada's technical broadcasting regulations, said in its Gazette statement: "The AM stereo broadcasting transmission standard to be used in Canada will be based on the Motorola C-QUAM system. The department will issue an AM stereo broadcasting transmission standard shortly."

Canada joins Brazil and Australia as nations that have formally endorsed the Motorola system as a national standard. No nation has yet selected the rival Kahn/Hazeltine ISB system as a standard, however several, including Japan, are still studying the issue

The US has refused to select a system, opting instead for a "marketplace" decision. To date, only about 10% of US AM stations have gone stereo, with the some 350 selecting C-QUAM and less than 100 using the Kahn system.

The DOC ruling officially ends an "experimental" period in which Canadian stations were free to test the C-OUAM, Kahn or other systems. The experimental period was initiated in September

slop. No sign of usual KSTP. New, OK #29. (ØW-CO)

ahead of local KGU. Very poor, local QRM. (5P-HI) 1540 KNZQ? CA APTOS-CAPITOLA - 3/23 0526 music bridge; PSA; back to Talknet but not // local affiliate KGU-760. Very poor, local

EYPT 1.1 VATERICO - 3/31 0220 good with 0&W into national weather, in KLSY null. (JSM-BC)

Rather weak, but no QRM until 0615, when WHEZ took over.

PORTAGE - 4/5 0615 nostalgia/EZL format, with soft-voiced man, difficult to understand. 0633 local ads, "Weather

Command...forecast for Kalamazoo, Portage, and all of SW

TEMPE-PHOENIX - 3/19 0857 fair with local traffic report

Michigan." New, just my 3rd MI, and 1st non-50kw log from

and atop at time. Ex-KWOW. (DKK-CA) (Oops, this should have

1560 KCJJ IA IOWA CITY - 4/5 0550 pop oldies; 0500 SID & Mutual News.

1600 KMNY CA POMONA - 4/1 0840 with ID as "Money Radio." Financial news,

poor, KUMU-1500 QRM. (5P-HI)

QRM. (51-H1)

MI. (ØW-CO)

New, IA #21. (ØW-CO)

into local news. (JSM-BC)

BH&NH/Bill & Nancy Hardy, Aberdeen, WA/FRG-7, Radio West loop

ØW/John Wilkins, Wheat Ridge, CO/R-1000, R-390A, 4' box loop

5P/Dale Park, Honolulu, HI/Sony ICF-6700W, Realistic Minisette 16

JSM/Steve McDonald, Port Coquitlam, BC/ICF-2010, Radio West loop

been in "Special"! -- NH)

DKK/Don Kaskey, San Francisco, CA/Hammarlund 140x, SM-2

OKLAHOMA CITY - 3/27 0611 up briefly with ad ending with phone number 524-7111, PSA for Oklahoma Optometry Assoc.; DJ with Southwestern accent airing Wayne Newton song. Very

SACRAMENTO - 3/27 0619 woman with slogan "15-30"; Ray Briem giving ABC-T phone number, back to "Ray Briem Show," 7 sec.

> According to figures compiled in 1986 by the Canadian Association of Broadcasters (CAB), about 50 (about 12%) of Canada's 435 AM stations had gone stereo-and the majority of those, 42, were using the C-QUAM system. Only eight had selected the Kahn system.

The influential CAB, which late last year recommended that the DOC select C-QUAM, stressed that its recommendation was based on "marketplace forces" and not on technical considerations.

"It was primarily a marketplace decision," said Mario Pittarelli, the DOC's director of broadcast engineering, planning and standards. 'There was an overwhelming consensus to go to the Motorola system."

Apart from the CAB's support for C-QUAM, Pittarelli said the Radio Advisory Board of Canada, which represents a wide range of other broadcast associations, also supported the Motorola sys-

He added that the CBC, while not saying whether it favored Motorola or Kahn, indicated that it favored the selection of a single AM stereo system.

In a prepared statement, Canada's Communications Minister Flora MacDonald maintained that the selection of C-QUAM as the nation's AM stereo standard is a "first step toward improved AM." She added that the AM band in Canada, like in the US, has "faced a gradual decline in popularity."

Kahn refuses comment

Kahn Communications President Leonard Kahn refused to comment to RW on whether he thought the Canadian decision would affect the on-going battle between his system and C-QUAM in the US.

However, Motorola AM Stereo Manager Frank Hilbert said he was "absolutely pleased" with Canada's decision, "I give (the DOC) a tremendous amount of credit ... for sorting through a difficult decision."

While he was hesitant to speculate how the decision would impact the US market, Hilbert said that he believed it would increase the rate at which AM stations switch to stereo.

Another Motorola official added that he thought the decision would encourage some of the 90% non-stereo US AMers that are now "sitting on the fence" to select the C-QUAM system.

Hilbert also said that Motorola is involved in about 15 other countries in its efforts to develop a world AM stereo standard.

CAB Senior VP/Radio Pierre Nadeau (continued on page 16

After 40 years of broadcasting, station WOSC pulls plug in Fulton

By Nina Nirenberg Staff Writer

GRANBY - After almost 40 years on the air, Fulton's only hometown radio station was shut down this week because of financial problems, Station Manager Ken Gilbert said.

Listeners who've tried to tune into WOSC-AM have gotten nothing but a crackle since noon Tuesday, when part-owner Michael Downey closed the operation, Gil-

"It's just too bad because it was a community station," Gilbert said. "This could be a good station if it's run locally.

The 1,000 watt daytime radio station at 1300 Radio Park in the Town of Granby employed one full-time disc jockey and a sales person and seven part-time DJs.

"Any community can be very proud of having a radio station and the fact we no longer have one is a minus," Fulton Chamber of Commerce Executive Director Madelyne Howell said. "It doesn't allow | ried syndicated features and gave you to bave the same amount of local coverage.'

The past two years have been difficult for WOSC, when two dif- said. ferent approaches were taken to rejuvenate the station, Sam Brown, a former part-owner of WOSC and now operations manager of Brown said. WXRA-AM and WEZG-FM in Syracuse said.

It began in Dec. 1984, when 14 investors from the Mayland/Washington, D.C. area formed Crystal Radio Inc. and bought WOSC from WKFM, Syracuse, Inc. which is a subsidiary of the New England Broadcasting Co. of Springfield Mass., Brown said. He became general manager

"We proceeded to try to make a go of it," Brown said, "We didn't recognize at the time of purchase that WOSC is not a viable broadcasting property."

The investors targeted all of Central New York, he said, and correspondent in Washington, car- did not return calls to his office

full coverage to events such and the State Fair in Syracuse and the Oswego Maritime Show, Brown

"It was a respectable, full-service radio station, but the revenues were not there to support it,'

Brow said the only hope was to put up more towers to increase listenership, but they were unable to obtain the needed financing. So their choices, he said, were either to sell or turn it off.

The only buyer was Fulton businessmen Ken Gilbert, who wanted to make WOSC geared to Oswego County listeners.

Arrangements to transfer the station began when, in April 1986. Crystal filed under for protection under Chapter 11 of federal bankruptcy laws. The secured creditor is WKFM.

Jay Sterin, the vice president created a news department, had a and general manager of WKFM,

540 Ince del Ferú, Lima 565 Oriente, Lime, Peru 570 Agriculture, Scatings, Chile 530 Comas, Lima, Perú 600 Core, Lime, Ford 640 pel Recífico, Lime, Perú 660,0mega, Lima, Perú 660 Chilens, Sentiago, Chile 680 RBC, Callao, Porú 690 Santiago, Santiago, Chile 700 R.700, Lime, Feru 720 Nacional, Trujillo, Perú 730 RPP (Programus), Lima, Perú 740 Continental, Arequipa, Herú 760 HadioMar, Lime, Perú 760 Cooperativa, Santiago, Chile 780 Victoria, Lima, Perú 790 RPP (relay) Trufillo, Perú 800 Texas, Arequire, Perú 820 Liberted, Lime, Perú 830 Necional, Tecne, Perú 854 Necional, Lime, Perú 880 Union, Lime, Peru 880 Alondra, Santiago, Chile 900 El Sol, Lime, Perú 900 Navada, Arequipe, perú 930 Moderna, Lima, Peru 930 Nuevo Mundo, Santiago, Chile 960 Panamericana, Lima, Perú 960 Hispina, Arecuipe, Peru 960 Carrers, Santiago, Chile 980 sol, arequipe, rerú 980 La Hore, Trujillo, Perú 985 Estación K. Lime, Perú 980 Universidad, Arica, chile 990 Bicolor, Tacna, Perú 1000 Cien. Sentiago, Chile 1000 Constellación, Huenceyo, Perú 1000 pos Mil, prujillo, Porú 1010 America, Lime, Perú 1040 unda Popular, Lima, Perú 1050 Arequipa, Arequipa, Perú 1050 Is Nueva Bolognesi, Huancayo, rerú 1060 Minerie, Santiego, Chile 1060 Exito 1060, Lime, Perú 1070 Trufillo, Trufillo, Perú 1100 Sonorama, Huanceyo, Peru

1130 RPP (relay) Cajamarca, Perú 1140 Nacional, Santiago, Chile 1140 Concordie, Arequipe, Perú 1140 RFP (relay), Huencayo, Perú 1160 Once Sesente, Lime, Perú 1160 Liberted, Trujillo, Perú 1170 RPF (relay), Arequipe, Perú 1180 Porteles, Sentiago, Chile 1195 Nueva Imagen, Cajamarca, Perú 1200 Lime, Lime, Perú 1º10 Universo, Trujillo, Arequipa 1220 Melodía, Arequipa, Perú 1240 Universided, Sentiago, Chile 1250 Miraflores, Lima, Peru 1º60 Mundiel, Arecuipe, Perú 1960 Necional, Arice, Parú 1980 moderne, cajamaroa, Parú 1300 Antena Uno, Sentiago, Chile 1300 Ster, Lima, Perú 1700 Universidad, Arecuipa, Perú 1700 Andine, Huancayo, Feru 170 la Cronica, Lima, Perú 1830 Penemericana, Sentiago, Chile 1770 RPP (relay), Thome, Perú 1343 Nacional, Inuique, Chile 1360 Excelsion, Line, Perú 1380 Colo Colo, Santiego, Chile 1380 Sen Martin, Arecuipe, Peru 1380 Atahualpa, Cajamarca, Ferd 1400 Cellao, Calleo, Perú 1400 Landa, Arequipa, Perú 1410 Heroica, Truillo, Ferrí 1420 San Isidro, Lima, Ferú 1430 Universal, Huancayo, Perú 1440 El Tiempo, Arequipa, Perú 144? Artos. Arios. Chile 1444 Imperiel II, Lime, Perú 1460 Yungay, Santiago, Chile 1470 Hue mes vo. Hue nes vo. Perú 1470 Tacna, Tacna, Perú 1500 Sente Rose, Lime, Peru 1500 Almirente Lynch, Icuicue, Chile 1530 Periodico 15-50, Huencevo, Perú 1540 Ster. Trujillo, Perú 1550 Independencia, Lime, Perú 1560 Primevers, Trujillo, Perú 1560 Nuero Continente, Cajamarca, Perú 1590 Agricultura, Lima, Paru

(continued from page 14-

who monitors the AM stereo issue for his association, said he "did not know" if the DOC ruling would encourage the US to select a single standard.

1120 Dinamica, Trujillo, Perú

1130 Selecta 2000, Lima, Perú

Receiver standards

The DOC ruling only applies to the stereo transmission standard and has no bearing on receivers, Nadeau added.

However, the CAB last year also recommended to the DOC that by 1990 all AM receivers sold in Canada should be stereo capable. The DOC has yet to rule on this proposal.

According to Nadeau and Pittarelli, the DOC has also opened a formal comment period on a preemphasis standard and band-limiting criteria, which have already been adopted in a voluntary standard by the NRSC in the US.

"Such standards," the DOC said in the Gazette, "would result in uniform AM broadcasting audio processing and would encourage receiver manufacturers to adopt complementary circuitry leading to improved audio quality." TSTOR





BANDSCAN

John R. Malicky, 995 Shadycrest Rd., Pittsburgh, PA 15216

aaraaraaraaraaraaraaraaraaraa

Back again with "Florica Scame" courtous of werf locased and Jerry Starr, thank you sentlemen! Jeff 's seen was simpleted at his weakernee (whing on the gub!) in and can domity, morita-7 miles went east of Cherds, Florids Wrish in in a tweed Datach, Alter a the inflarance-w.ich is defined one! well uses a 1-5 simply strength conduction. Genry's some was given in a fursuburg it leave, Florida scout 15 miles north than while on vicining at his sister's name by the gool, whim wille relaxing! refreshents wormoun, possibly Kool-Aid-hi! Helpe rereater, list fre mency, aported onlis(if known), sity, ether-province, equipment, the or your LOSALS in CARS, and if you wish, date, time, and totals. Now not! so to the Sunshine State.....

Fanc	Jeff Lockwood-Sneads, Fiorius	verry ot: Webath, Florida (Tampa)
1 -144		noon; October 3, 1926
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MUSINGS

Paul Swearingen

P.O. Box 4812, Panorama City, CA 91412

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., or its subsidiaries. Times are local per Muse.

No takers on this edition's theme of armed forces members, so let's see what happens for the next theme of favorite sports air personalities (deadline May 22). I already have a Muse for it, and I know the personalities I'm going to write about. Meanwhile, let's get on with Musings of the Members ...

Randy Seaver - 1154 Via Trieste - Chula Vista, CA 92011

In response to Gene Martin's recent comments on reception of Japan in Denver and the East coast, I offer the following discussion of auroral zone propagation effects.

To address Gene's major point - that the Far East can be heard on the East Coast: agree completely, and I don't remember anyone ever saying it is not possible, from a propagation point of view. I had heard of the 1930's reception of Japan and other stations in RADEX. My recollection is that the Boston DX'ers heard some Far East stations in the middle 1960's, and the reception of Urumchi-1525 was regular in parts of the Northeast in the 1970's right after local sunset. The interesting thing about the Urumchi receptions was that they seemed to be best during disturbed geomagnetic field conditions, meaning that the "doughnut hole" had to be in the right location (perhaps further towards the equator than in

There have been many reports from Brian Vernon in Yukon Territory and DX'ers in Alaska of east coast and midwest stations - these too are "doughnut hole" receptions but with the DX'er inside the hole or under the oval itself. Reception of Europe from the Pacific Northwest and central Canada are also "doughnut-hole" receptions.

I think that the Far East is not received more frequently on the east coast for several reasons - it would occur in the early AM, so few DX'ers try for these stations; it occurs only rarely due to the dynamics of the auroral zone (perhaps 4-6 times a season when there has been a quiet geomagnetic field for some time); and, the co-channel or near-channel interference is much more severe than it was in earlier years.

I believe the answer to Gene's question is that the auroral zone has always been there, but other factors combine to make East coast reception of the Far East a rare occurrence.

So why haven't we had more discussion and explanation on these subjects since Nelson's early 1970's articles? I think it is because no club member is a true expert on the subject with resources, interest, and time to do the necessary research. Medium wave propagation is extremely complex - it combines chemistry, geomagetism, electromagnetism, solar physics, ionospheric physics, meteorology, etc. It is dynamic and not static. The ionosphere changes on a minute-by-minute, hour-by-hour, daily, monthly, yearly, decade basis, responding to the variations in solar radiation, the Earth's magnetic field, and even strong radio waves.

Some DX'ers, myself included, have attempted to do some of the research required to answer some of our simpler questions: What ionospheric region dominates medium wave DX'ing? Why does the auroral zone play a major part in high latitude DX'ing? What are the power, frequency, distance relationships? Hypotheses and theories have been put forth by many DX ers - we still have a very incomplete understanding of how that signal travels over distances of thousands of miles, over mountains, plains, oceans, cities, and through the walls into our antennas/receivers and finally into our ears (and recorders) for deciphering of anything intelligible.

It is apparent that the majority of medium wave DX'ers don't really care how we hear long-distance DX. Some of us raise questions, some people are able to answer them, and hopefully the knowledge base of our hobby will continue to grow. Gene - keep asking quesions; you (and others) have a wealth of experience, knowledge and wisdom that are a part of our knowledge base. We need catalysts to challenge our knowledge base, our technical abilities, and our DX ing skills.

Colin Miller, VE3CMT - 124 Finch Drive - Sarnia, ON N7S 5H6

Hi there! Being a new club member I thought I would write to you about I am 45 years of age and recently emigrated to Canada from South Africa, where I worked

at Radio RSA for a number of years. My interest in radio started at an early age, as a radio ham was staying in the same house and I used to go into his radio shack and watch him at work. A few years later I started listening to shortwave. At first it was just casual, then one evening while tuning across the band I came across a strong English-speaking station. At first I thought it was the BBC but it turned out to be Lisbon. A little later I logged Stockholm and then Belgrade. I then decided to see how many other stations I could log, and so began my DX ing hobby.

At first I used a small bedside radio with 5 tubes, and later progressed to a National NC-100, Trio 9R59DE, Barlow-Wadley XCR30 and Yaesu FRG7000. My equipment now consists of the

Sutz (Tampa), Florida continued Lineads, Floridy continued \overline{VI} 5A-Gainesville WMGA-Moultrie, UA 2 weng-Orlando 1140 WASG-Atmore, AL 3 WINDSTERN LE TERRACE 1150 VJE .: Valuosta, JA 2 1160 Cube 2 1170 WAOV-Wonthomory, AL P. 11:0 WWLD-Fire Castle 11 C WAYD-Czark, AL WOME-Mindi Stricts 1210 Widk-Alssinnee WONN-Lakeland 1330 WWSD-QUINCY, FL 7 WMM3-Felcourne(very surprised by this one) ... 1340 WBGC-Gripley, Ft // WFAX-Thomasville, GA 1 WOLLE-TAMEA 150 WQUE-Albany, SA 2 1400 WBBA-Slakely, 3A //WrTW-rort Walton seach, rid 1470 WTAT-Tallahassee, ru 4/ Whys-Jorassus, JA 1 WIFS-Lake Walca, FL 1200 Wolla-Deramink Springe, Fl. 3 Wm/Dewen Li 1290 WOF1-Opp, AL 7 MINISTEMPLE TERRADE 1300 WMIN-moultrie, wh 2 if.: Wand-terry, FL 1 WAMR-Venior 15.00 WARF-Lots in, AL 4 sWAd-Lakel and 1550 WCVS-Tallel asses, bl 4 MTAN-JELARWATE (1:40 WTY -- MARCIA A, rl D ide Jity درات TYNG WELE-Elba, AL ? JYAY-Cypress Gardens 1700 WYSE-BAINBAILSE, JA WOOA-Gogla 1270 REDR-Punction, JA 1 WRBC-ST. FETE SIJAG 1790 WaBQ-St. Fetersburg 3/ WaIZ-Jeilla, 33 i 1790 Wish-Americas, SA WHAS-ZEPHYRh ILLS tion Wols-pesitte, CA 2 1410 dsGw-Tall thresee, the 4 WBRD-Fairetto 141.0 WROG-Objumbus, St R. 1470 WLTG-Fanama Dity, FL 4/ WWGS-Tifton, GA 1 Wiki-takeland 1440 WhHY-Montgomery, AL ? Wuld-Sarasota/ WWJ3-brooksville 1450 WWNT-Lothers, AL 3/ WTAL-Tallehassee, FL 2 1460 WZEF-DeFuniak Springs, FL 7/ WFNX-Fhenix Ety, AL WBAR-Burtow = MUVU-OLEARMATER 14 70 Wolf-adel, GA 1 1480 #kGC-Fanama City Seach, FL/#Ax1-abbeville, At 1 WORK-Bradenton 1490 WaF3-Quitern, Ga 1/ dNas 1 1500 Wasa-DONALSONVILLE, GA > 1510 wYMI-wonroeville, At 1 (moving to 550 khz-jm) wwdo-dookledge (has not moved to 770 yet) 1520 UNID (black forsat) 1 153C WAAO-Anuolasia, Au l 1540 WAZe-Dylvestor, GA 2 1550 UNID (either WMOC or WAMA) 1 WAMA-TAMPA 1960 manu-undeville, AL 2 1570 WMES-Ashburn, GA 2 1580 WENO-CHATTAHOOCHEE, FL (local) WRK3-51. FEIERCBURG BEACH 1990 WALG-Albany, GA 2 1600 WLYZ-Nashville, GA X/ WXVI-Montgomery, AL 2 WCKB-Winter Sarden FITT(er) FATTER: I determined most of Jerry's locale...until then, 73s to all!

FCC Panel Pulls Plug On New York AM

Licensee Accused Of "Flagrant" Racism And Fraud

The owner of a small upstate New York radio station says he's going to appeal the FCC's effort to strip his broadcast license - but he's worried he may go broke in the process.

In a rare use of its "death penalty" sanction, the FCC's Review Board recently (4/2) denied the license renewal of WBUZ/Fredonia. NY because of "flagrant, egregious actions."

In its order, the FCC panel singled out 13-year station owner Henry Serafin for special criticism. Accusing him of knowingly, repeatedly, and willfully violating FCC rules, the panel described Serafin as "wholly unconcerned with honesty, candor, or compliance with even the most basic federal re-

"His propensity to discriminate against minorities in hiring when coupled with his misrepresentations and lack of candor about his discriminatory practices leads to only one conclusion: Serafin is not the type of person that should be prize, Serafin allegedly kept the entitled to a public franchise," the Review Board concluded.

Owner Denies Charges

Serafin has flatly denied the charges and says he will appeal the decision to the full Commission

"I've served this area properly," he says. "I've done nothing wrong. If there was anything done wrong, it was without my knowledge."

The FCC, however, labelled the evidence of Serafin's misconduct and racial discrimination as "sad and appalling." Among the matters cited by the panel:

· Contest Rigging. When the station ran a Valentine's Day contest in 1984 it gave away the grand prize - a singles weekend at the Niagara Falls Hilton Hotel - to an advertiser who never entered the contest. The FCC says other contestants' names were never put into a box for an announced grand prize drawing. In a 1982 contest promoting a stereo system as a grand stereo and never held the announced prize drawing. The review panel

accused him of running fraudulent contests.

· Public File Violations. The Review Board says Serafin repeatedly refused to make his station's public file available to citizens who requested to review it, then harassed and intimidated persons attempting to conduct the inspection

 Ascertainment Misrepresentation. The Review says Serafin submitted fictionalized community ascertainment surveys in 1981, claiming nonexistent interviews with community leaders and minority

· Racial Discrimination. Scrafin declined to hire Linda Johnson, a black woman referred by a CETA program worker, because she "would make charcoal look white." He allegedly screamed at a CETA official, "Don't you have any white girls to send me?"

To PAGE 23

Barlow-Wadley and Kenwood TS930S, which at the time of writing are still in transit but should be arriving in a week or so. My main interest up to now has been shortwave, but since arriving here I have become more interested in AM DX'ing. The medium wave band in South Africa is quite different from North America, with much fewer stations and more relatively clear channels to receive distant DX stations. When I first started all those years ago I logged some of the high-powered European and Middle East stations at the top end of the band. I also heard some of the big U. S. stations such as WCKY-1530, WPTR-1540, WQXR-1560, etc. These stations are heard around sunrise. At sunset Asian stations are audible and some DX'ers at the coast have logged Australians at this time. The best time for AM DX'ing is during the winter months from April to August when the static level is much lower. During the rest of the year there is thunder activity which restricts listening.

This is not my first visit to Canada, as I spent two vacations here in the summers of 1977 and 1982. That was my first experience of North American radio and I sent reception reports to several stations, receiving QSL's in return. Since moving here permanently last becember I have logged over 150 stations, using a Realistic Portavision 50 portable receiver. I hope to report more frequently to the club magazine in the months to come.

I am interested in information about transmitter sites of AM, FM, and TV stations. Would it be possible to include such information in a future NRC AM Radio Log? The site is usually indicated on QSL cards, and I would appreciate hearing from other members who could provide me with information about stations in their area. I realise that there are literally thousands of stations on the air, but perhaps it could be confined to those using 10 kW or higher. Members could either write directly to me or have the information published in the magazine. Your assistance would be appreciated.

That is all for now. I enjoy reading about the radio stations that other members in my area are hearing. Sarnia, incidentally, is located at the southern tip of Lake Huron, just across the river from Port Huron, MI. We have four local stations: CHOK-1070, CKJD-1110, WPHM-1380, and WHLS-1450. From this location we also get most Detroit stations as well as those in southwestern Ontario.

Best 73and good DX! (And a warm NRC welcome to you, Colin. Are you still in radio? -pls)

Radio Roundup

Pete Kemp, KZ1Z - P. O. Box 73 - Bethel, CT 06801

Greetings all ... WEZI is switching formats from Adult Contemporary to Adult Soft Pop ... "Today in History" is a new 60-second segment to air on the NBC network ... Arch Oboler, the voice of "Lights Out", for you trivia buffs, has died at the age of 78. He was also known to motion picture addicts as the force behind the first commercially successful 3-D movie, entitled "Bwana Devil", in 1951 ... WHAT's Don Ringgold has a special one-hour show from 6-7 pm called "Wednesdays with Wonder", featuring the music of Stevie Wonder ... WNWS afternoon talkshow host Steve Kane will be moving on to WIOD in July ... WCWA, in Toledo, has switched from 40's Big Band music to Goldies (yea yea yea) ... Variety reports that WCCO is slipping in the ratings and has planned big changes in April ... Jack Buck, famed KMOX sportscaster, will receive the Ford Frick Award and will be inducted in the Baseball Hall of Fame this summer ... Neil Myers has joined the NBC radio TalkNet family, offering nightly advice and conversation from 1-4 am ... KCMO has dropped its coverage of University of Missouri football and basketball games ...Wink Martindale is leaving KMPC after a 36-year stint ... WFIL, in the City of Brotherly Love, has been sold. The studios will be moved to WEAZ-FM, the home of the new owners, thus ending the WFIL/WUSL-FM relationship ... Philly DJ Jerry Blavat has moved from WFIL to WPCR ... WMMX in Fairborn has increased its power from 250 to 1,000 watts, with religious programming ... So much for now.

More Radio News

Paul Mount - 471 Emerson Avenue - Teaneck, NY 07666-2727 (201) 836-1682

Here are more notes from up and down the dial, all around the country. WRAN-1510 Dover, NJ has applied for WMHQ and presently calls itself AM 1510, using call letters only on top of the hour. The station has been sold, and both PD Glen Adams (middays) and MD Tripp Rogers (morning drive) have left. Adams has gone on to head a broadcasting school in NJ. In Houston, KILT PD Rick Candea becoms OM. His plan for 610 AM is Country Gold with lots of contests and produced artist drop-ins. Chuck Lakefield, for many years on-air evenings at then-WKBW Buffalo has moved across the country from WGR Program Coordinator to PD at KGW-620 in Portland, OR ... WHK-1420 Cleveland dropped live oldies for satellite-delivered ones from SMN ... WMCA-570 NYC announced it will run condom ads free of charge for 6 months as a public service ... An RTNDA salary survey from 850 stations lists the median salary for news directors at \$15,080 and \$12,896 for reporters. With college placement offices almost guaranteeing engineering majors an entry-level job at \$20K minimum, it wouldn't be surprising if communications enrollments are down. At WFDU-FM we were barely able to get 7 people to do overnights despite a mailing to over 5,000 students. WADO-1280 New York has finally been sold, by Command Broadcasting, not to Tichenor but to a firm headed by Louis Wolfson and involving Herbert Levin of WSUA-1260

Miami. The stumbling block had been control of the tower site on Route 20 in Carlstadt (visible from Giants Stadium). Unknown to buyer or prospective seller, the state of NJ had seized the land resulting from a legal dispute with Bartell Broadcasters, owners before Command. The end result: leasing the land from the state... More on Soupy Sales - Mon. March. 23 he found out that WNBC had been negotiating with Ray Dariano, one of his sidekicks to take over the time slot for less money. He started to rant and rave and was removed from the air quickly. I wish I had a tape of it. Jim Collins replaces him for now. 73.

AM Stereo to the Rescue - Oh, Really?!

Mark Connelly - 30 William Rd. - Billerica, MA 01866

(Written while in El Paso) The AM stereo situation in Australia should prove once and for all that this "innovation" will help AM about as much as quadrophonic sound helped the audio industry. I've listened to AM stereo and FM stereo on several receivers. Believe me, you can tell a difference: the FM is clearly superior. AM is going to "Bucket City" and the much-ballyhooed stereo is not going to change that. Of course, the wrangling over which system to use didn't help. The one main benefit AM had over FM, longer range coverage, has been kissed off by the FCC in their scheme to clutter up the clear channels. With all the interference today, many local AM'ers have less usable night-time coverage than comparably-powered FM stations. Indeed, some fairly high-powered AM broadcasters experience ORM within sight of their towers. A well-situated legal-power (5 watt) CB station could have more coverage! Who is going to listen to all the new AM stations anyway? Aunt Matilda's grandmother? AM is "bad meat" to most people under 40. Low-fidelity, interference-ridden AM can't compete with FM in delivering music (and that's what most people want to hear). What good is stereo for AM when the program material consists largely of mono, oldies, news, and vak-yak shows like Larry King, Bernie Meltzer and Sally Jessie Raphael? "Narrowcasting"/ethnic formats may have a certain viability in big cities, but, in general, AM seems doomed to severe choking, if not out-and-out death. When FM makes significant inroads into the less-developed countries, expect pieces of the AM band to be "nibbled off" for data communications, military use, beacons, etc. Medium-wave AM will assume the role that shortwave presently has inthe U. S.: a type of broadcasting with a small cult-like following (at most about 5% of the general population). MW DX'ing may still exist, but the new DX er will likely start with shortwave and then branch into medium-wave as an adjunct like VHF scanning, longwave, or utilities. Few DX'ers will get into MW DX'ing as a direct result of AM entertainment listening, as few people will listen to AM for entertainment to start with. The inevitable "survival-of-the-fittest" shakeout for which AM is destined will probably benefit DX'ers by uncluttering the band, as long as some other service doesn't grab frequencies away. (My comments in my May column in Monitoring Times somewhat parallel yours, Mark. Now, would someone knowledgeable please explain to me why broadcasting on the AM band and shortwave in digital stereo couldn't replace, eventually, analog broadcasting, given the possibility of a switch-over by the public to digital receivers? -pls)

The St. Louis Shocker/AM vs. FM

Rric Bueneman - P. O. Box 1202 - Florissant, MO 63031-0202

The top ten St. Louis stations are as follows: KMOX-1120, KSHE-FM, KMUM-FM, KHTR-FM, KEZK-FM, WILL-FM, KUSA-550, KSD-FM, KLTH-FM, and KYKY-FM, although not in exact order. Within striking distance of the Top Ten are WMRY-FM, WRTH-590, KATZ-1600, KATZ-FM, and KXOK-630, even with a daytime format change. It seems like a long time since there were five AM stations in Arbitron's Top Ten. What has happened to these old-time champs? KUSA-550 was once the number two station in town when it was KSD. They had a Top 40 (CHR) format for many years. The only one left at KUSA from KSD's heyday as a CHR station is Paul Warner, who had always had the PM drive slot. KSD had tried AdCon (now on KSD-FM), OLD, and News/Talk, without success. KSD adopted a CWM format in 1981, and it wasn't until they became KUSA in 1984 (the year they also went stereo) that the ratings went back up. Now they're within striking distance of WIL-FM, and it won't be too long before they're the country champs (KUSA, that is).

KXOK-630 was another ex-champ. They had been CHR since 1960, after a long run as the local ABC affiliate. In 1979, faced with growing competition from KWK-1380 (now KGLD), KXOK went AdCon. Competition from KSD-FM and KSLQ-FM (now KYKY-FM) forced KXOK to go with OLD in 1982. That, too, failed. In 1983 KXOK went all-talk, with ABC TalkRadio during the day, Talknet from NBC at night, and Ray Briem overnight. The ratings were so bad that Storz Broadcasting sold the station to Chester Broadcasting Company of St. Louis in 1985. The morning talk became more localized, ABC TalkRadio was still carried in the afternoon and Talknet at night, but Ray Briem was replaced with Larry King. In 1987 the ABC TalkRadio feed was dropped altogether, and an AcCon/CHR mix was adopted. Johnny Rabbitt is back with KXOK now, taking Grant Horton's old shift (9-noon) after Horton went to KMOX. The program boss at KXOK moved afternoon talk-show host Jim Ackerman to AM drive, and replaced AMC TalkRadio with Michael J. O'Connor (noon-2 pm) and J. J. Bowman (2-6 pm). Even Sportstalk host Tom Calhoun (6-7 pm) has a weekend DJ shift on The Big 630. KXOK has brought back the

old jingles last used in early '83. The prediction: KXOK could have as much as a 3.0

rating within a year (it has a 1.7 currently, #15 overall).

KSIV-1320, in the Fall Arbitrons, had a 1.0 rating for the first time since it was KADI. The station started as KXLW, a Motown hits stations here one of the first black DJ's west of the Mississippi, Spider Burke, worked. The calls were changed to KADI in the early '70's when owner Richard Miller bought KADI-FM, then on 96.5 mHz. It spent the next decade as an AOR daytimer. In 1979 the station became KKCU, still with AOR. In 1981, the station became KADI once again, this time with an AdCon format. The 5 kW daytimer was sold to Bott Broadcasting (WFCV-1090, KBCB-760, KQCV-800) in 1982 for \$900,000 and became KSIV with REL, and now is the REL champ with that 1.0 rating.

KGLD-1380 has not had the ratings success it enjoyed as KWK. It went off the air twice, briefly in 1963 and from 1973 to 1978. It had run probably an information-type format, carrying minor-league hockey (pre-Blues). When KWK returned in 1978, it had adopted an ROK format, soon to be shared by WWWK-FM (ex WGNU-FM, now KWK-FM). The AM went to simulcasting in 1980 and again in 1982. By 1983 KWK was the only AM rocker in town. In 1984, KWK became KGLD and adopted an oldies format. The lowest point for KGLD was in 1985 when the station fell to an 0.9 rating against KCFM (now KLTH-FM, co-owned with KXOK) with a 4.3 rating. KGLD has now established itself as St. Louis' oldies staiton, although its ratings are somewhat small. Maybe AM stereo can pump new blood into KGLD. Look what it did for KUSA.

COS station KIRL-1460 is the only station running full-time with the format. The station began life as KADY, the first AM adjunct of KADI-FM. KADY and KADI experimented with stereo broadcasting in a most unusual way by broadcasting the left channel on 1460 kHz and the right channel on 96.5 mHz. After the sale of KADI-FM to Richard Miller (KXLW/KADI/KKOJ/KADI-1320), KADY became KIRL and adapted a CHR format, which it would have for much of the '70's. In 1978, KIRL went CMM, and upon the sale of the station to a group of Black businessmen, went GOS in 1979. The station had a CP for 500 watts at night, which it never acted on. KIRL added Jazz for a time in 1984 to compete with WMRY-FM. FM had taken over by 1980, and there was only one AM station (KMOX) in the Arbitron Top 10 by late

While some of these ex-ratings champs are now a part of history, it is starting to repeat itself going into the 1990's. The emerging AM'ers seem to be WRIH-590 (No. 13 overall), KATZ-1600 (Motown oldies, #14 overall), and KXOK-630 (AdCon/CHR days, TLK nights, #15 overall). Bruce Elving predicts 0% AM listenership by 1997. Here's my prediction: By 1990, AM listenership will rise to 35% and then to 50% by 1997, with 20% listening to a proposed FM2 (225-230 mHz) service and the remaining 30% listening to FM1 (88-108 mHz), or 50/50 AM/FM ratio. Why?

Veries Trickling In

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The verie count is now at 4,315 with the addition of WRMR-850, Belgium-1512, WCHY-1290, WAHT-1510, WTJZ-1270, WDCT-1310 TEST, and WSCH-1040. Notes of possible interest in the last little while: Sun. 2-22: WPTR-1540 was off, only KXEL/ZNS1 there, though. Unn CHOW topped 1470 this morning; odd. WMAQ-670 was being laid waste by a powerful Cuban. WCHY-1290, ex-WWSA, noted with caw music at 2:35. Wed. 2-25: Somebody noted on 1288 kHz this morning at 1:23, with rock music, unID, and not heard any morn since. It could have been an FFC, announcements, while weak, sounded French. Thur. 2-26: UnID TT'er on 1530 around 1:45 am, WCKY was off, and a Cuban also on there. Fri. 2-27: Report to WCHY-1290 in nicely this AM. Sat. 2-28: A TT'er with some periods sounding like ultra-fast teletype on 750, no ID's, 2:06-2:13 when it left the air, and soon returned, no ID's made. Sun. 3-1: I noted WPTR-1540 Albany NY has ex-Cape Cod wx-man Lou McNally now as their meterologist at the ungodly hours. MM 3-2: Wow, a K-station heard, but unn - KAAY-1090 rolling in w/GOS w/WBAL silent at 1:45 am. WXman Lou McNally noted today on WORC-1310, Worcester, MA, so he's covering quite a bit of ground - and sky. Log on WTJZ-1270, now AN with Black GOS and phone-in, with much interference. Add to Larry King net: WDGY-1130, KRZZ-1240, WPAY-1400, and WGFN North Myrtle Beach, frequency unknown (to me, anyway). Fri. 3-6: Caribbean Beacon-1610 is not running till 1:30 EST or later; the 690 outlet still unheard here. Reluctant verifier WCKS-860 in again indicating semi-AU cx. They got covered at 2 by the Brazilian signing on; CJBC nulled easily with these cx prevailing. And another try to pry a verie out of this Coccoa cuckoo, writing this time to the AN DJ; same result: nothing. Friendly station! Sat. 3-7: UnID TT'er on 1440 1:52-2:03+. MM 3-9: No WKDO: bad scheduling here; had they been sked after 1 am after WQXR's s/off, no doubt they'd have made it. Who's got L. King on 1600? Sat. 3-14, Day log on WGAM-1520, ex-WPOE, 9:19-9:32 am when I left to do my shows on WOMR. MM 3-16: Test from WEKS-1080 made it with TT's and CID's u/WTIC; I also sent 'em an old WJYI unverified report, hoping. WCDN-1560, Chardon, OH, testing at 2:37 and on, in the clear, reported. Nothing new since then, thru 4-5-87. Forward - March!

Roger Winsor - 920 W. 10th St. - Hobart, IN 46342 (219) 942-1055

Hello to all. Big changes in my life as I have moved back to be with my wife and start all over again, PLUS I have been hired by WNDZ-750 to be their morning man. I am Roger Dee on the air. Our s/on is 6 am every month except 6:15 in April. So far we have

received 2 reception reports, both verified by me. The CE is a very busy man so I have taken up the duty for him. Coverage is very effective over Chicago by using a 2-tower array protecting WJR/WSB. Len Kruse in Dubuque, IA, if you're still a member, how about one of your excellent reception reports? I would be happy to hear from all DX ers in the region. The format is contemp. Christian with mostly music on weekends and taped ministers on weekdays. We are owned by Universal Broadcast, those who own WDCT-1310, WARO and WYLO-540, and 10 other AM'ers plus a couple of FM's, too. I have been putting in many hours on the air plus having to s/on at 6 am has completely halted any DX from this den. My SX-71 has a short in it but still works well. My main problem now is understanding the audio. I need to find an old pair of earphones as the impedance seems to be wrong with the pair I have. Good luck to all and I hope to hear from some DX'ers. 73 DEE Rog.

Andy Rugg, VE2AQP - 669 de Gaspe, #218 - Nuns Island, PQ H3E lJl

After going 2 months with no new catches, I finally got some results in mid-March. A new combination of HQ-180A and Radio West Loop made all the difference! Just before sunset on 3-15, I finally nabbed WWST-1440 from 4:58-5:25 pm. WFTQ provided pesky QRM, but the loop diminished their interruptions. Just after 6 pm the loop performed again, nulling WBAL-1090 to provide my first-ever SSS reception of unn CKKW-1090. MM 3-16: I got my first new Georgia logging in 20 years, the Test from WEKS-1080. By nulling WTIC, I was able to discern a half-dozen of their CW ID's. My last GA logging was the Test from WEAS-900 back in 3-67!

There was one "last blast" of TA reception between 3-30 and 4-3. As usual, at the tail-end of the season, it favored the Iberians. Just after SS, the best performers were RNE-774 and Algeria-891, on three dates. An unID on 1134, most likely Belgrade, also made a respectable showing on two evenings. The one-timers were Holland-747, Zaragoza-873, and weak SS audio on 999 and 1106. On 576 there were tantalizing traces of audio but nothing definite ever emerged.

New veries are SWF-1017, Radio Comercial-1035, and WHTT-1120. So far this season, the returns have been adequate, with 24 veries for 36 reports. I hope the stragglers start to come thru. My "illegal" longwire will have to come down around mid-April, before the landlord starts trimming the trees. The loop will keep me going on domestic DX all spring and summer. 73.

FROM PAGE 18

Racial Slur Denied

Serafin told R&R he didn't make such a statement - even though he testified before the FCC that he alidn't remember if he had or not. The broadcaster contends he is the victim of a conspiracy of local political activists and members of the National Association for the Advancement of Colored Persons

"That girl - Johnson or whatever her name was, the black girl - I can't think of her first name now - she did not know she was discriminated against until just before the hearing when they went over and told her she was discrim-inated against," Serafin said. "That's the colored girl that I supposedly didn't hire because she

"They (CETA) sent me four white girls," he continued. "They were bottom of the barrel. Then they sent a fifth girl who was a black girl. She was not qualified. but she was more qualified than any of the four."

Financial Impact Crushing The Review Board contends that when Serafin was questioned by the FCC about allegations of conduct, he repeatedly lied in his

Serafin counters by insisting that he stuck to his story during several days of grilling on the witness stand by teams of lawyers.

"What does a guy dare say?" Serafin asked. "You have to be careful not to upset those guys in Washington. They're like God up there."

While insisting he will fight the charges to the bitter end, Serafin says the legal hassle is walloping his wallet and he's not sure how long he can continue to financially afford to fight.

"It's a disaster," he said. "I'm 61 years old, I should be retiring, and nobody wants to work for us. I'm talking about key people. I can't hire a good sales manager, I can't hire a station manager because they don't know what's going to happen, and they don't quit their jobs and come here. Our business is down, the legal costs have been horrendous. We're a small station in a small town, 250 watts. I am the sales manager, the program director - I am everything."



Radio 710 - FM 98 Box 710, Amarillo, Texas

KTRH **NewsRadio** 740 A M

Tiny KPPL radio faces big troubles

In the Denver radio business, where bigger is construed as better and where stations have staffs of up to 70, tiny KPPL stands out far below the crowd.

KPPL, at 1390 on the AM dial, doesn't have any real employees, and not much else, either. The station is operated out of the west Denver offices of radio engineer Tim Cutforth, and its antenna and sending machine are not far away in a small cinder-block building. The station has no regularly scheduled announcers, no sales staff, no news department, only four advertisers, and ratings that are so low that they're unmeasurable. Its music is from Cutforth's home library of records by Pat Boone, Roger Williams and the like.

"We're running sort of a non-traditional station here," says Cutforth in the understatement of the week. "Sometimes 1'm the announcer, sometimes my wife's the announcer; sometimes my partner's the announcer and sometimes my boy's the announcer." The station is on the air only during the daylight hours.

As a result of an ongoing series of legal complexi ties, KPPL is under the control of Denver Federal Bankruptcy Court. The station almost lost its broadcast license last December because it had gone silent, and the Federal Communications Commission frowns on broadcast licenses that are not being used. Bankruptcy trustee Linda Siderius, who has responsibility for the station, appealed to Cutforth for quick help, and he got KPPL back on the air barely in time to save the license.

Cutforth says he wishes something would happen quickly regarding KPPL's status because he's not being paid for his efforts and will receive compensation only when the station is sold. He and some of his radio engineer friends would like to buy KPPL themselves, but not for the \$250,000 the bankruptcy court is asking. Siderius says, however, that a couple of prospective buyers are on the horizon, and an announcement may be made within two weeks.

For the time being, Cutforth says there are two ways in which KPPL can be managed: "You can spend \$2 million or \$3 million to promote it, or you can keep it cheap. We're keeping it cheap."

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