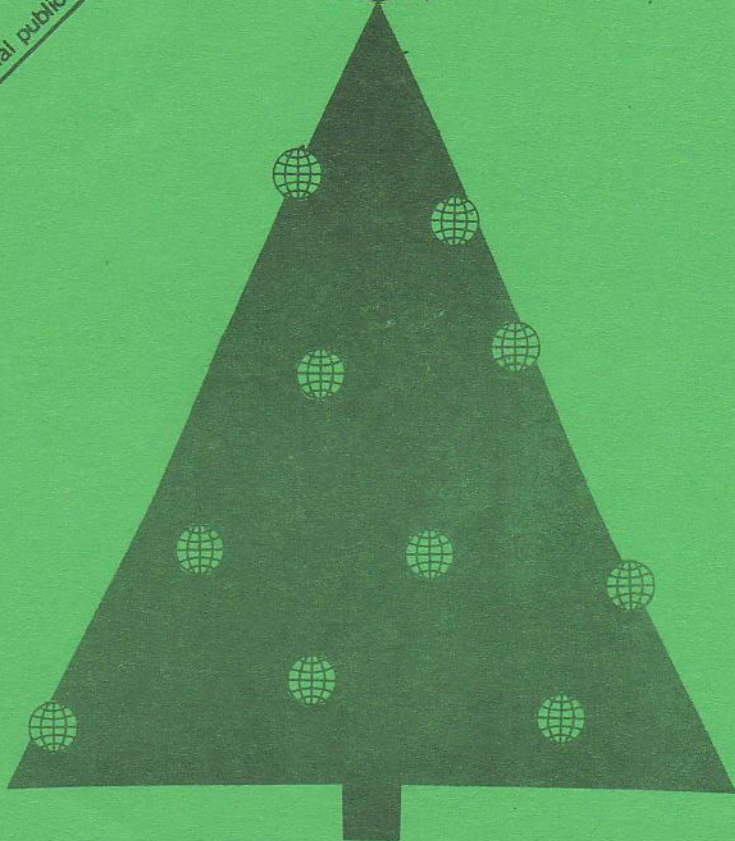


VHF-UHF DIGEST

the official publication of the Worldwide TV-FM DX Association

DECEMBER 1979



SEASON'S GREETINGS

From The Staff :

WTFDA Headquarters, P.O. Box 97, Calumet City, IL 60409

F2 PEAK ACTIVITY ARRIVES...There's now little doubt that we are at, or very close to, the peak activity of Sunspot Cycle 21--the resulting DX during the first part of November has been fantastic. A few North American DXers with converters (or foreign TV receivers) have already viewed video from the British Isles, continental Europe, Africa, and even the Soviet Union in almost daily openings. For a good example of what one very technically competent DXer has already achieved, see Jerry Pulice's report on page 28. F2 MUFs across the Atlantic have been high enough to permit at least one British amateur radio operator to see signs of North American video, and transAtlantic CCI has been seen by some DXers in the U.S. on ch A2. The entire 50-54 MHz amateur radio band (6 meters) has been open across the continent and into Europe on several November days. It promises to be a very interesting winter for TV DXers!

CONVENTION BID(S?)...Only one bid has been received as of late November for the 1980 WTFDA Convention site. If no further bids came in by the end of November, we'll announce that site in the January VUD.

PHOTO OFFER...If you attended the 1979 WTFDA Convention and would like a copy of the group photo that appeared in the October VUD, send a self-addressed envelope to Tom Yingling, 221 Pinewood Road, Baltimore MD 21222. The photo in the VUD had to be reprinted from a color negative original, and as a result, didn't reproduce too well.

THE LATEST NEWS?...Our apologies for the VUD's lateness in November, which was caused by a delay at our printer. In case we're a bit late this month, there are several reasons--most bothersome of which may prove to be the holiday mail rush. We should be back to normal soon.

BITS...If you're in the market for a good new shortwave receiver, don't miss WTFDA NEWSWIRE editor Morrie Goldman's article in the November-December Elementary Electronics...

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MAILBOX

John Zondlo
1802 N. Rockwell
Apt. 107
Bethany, OK 73008
Deadline: 10th

PLEASE NOTE the new address above. More info in Tidbits.....

New Members:

John Comstock	P.O. Box 105	Westville, IN 46391
George Gallacher	701 N. Ogden Place	Ossian, IN 46777
Raymond O'Connor	Box 480000	Los Angeles, CA 90048
Colbert Robbins, Jr.	304 Swaim St.	Randleman, NC 27317
Arthur Schaefer	2514 Wedemeyer St.	Sheboygan, WI 53081
John Sullivan	1504 Niessen Road	Oreland, PA 19075
Peter Weeks	95 Burnside Drive	Toronto, ON M6G 2M9
Jim Wixon, Sr.	2733 Vermillion St.	Lake Station, IN 46405

Renewals:

E.W. Battin, Leo Boehl, Mike Brewer, Vernon Eaton, Robert Grant, John Jefferson, Michael Koronka, Lee Prescott, Eric Schwarz, Tanio Sugihara, Michael Sweeney.

Address Changes:

James Brown, Jr.-203 Yoakum Parkway, Apt. 1824-Alexandria, VA 22304
Joseph Longmore-679 Eugenie St. E.-Windsor, ON N8X 2Y3
John Zondlo-1802 N. Rockwell, Apt. 107-Bethany, OK 73008

Renewals Due in January:

Roger Carriere, Randall Clark, Lawrence Crane, Johnny Davis, Ray Fraser, Mark Harms, Ed Houchins, Carlton Howington, William Leal, Rod Luoma, W.R. McIntosh, Bruce Metzner, David Nelson, L. Donald Richard, David Rogers, Jack Sheldon, Paul Traska, Morgan Williams, George Ziegler.

To say JOHN COMSTOCK keeps himself busy would be an understatement. John is an English and social studies teacher at Westville Correctional Center, and was formerly an engineer at channels 4 and 13 in Indianapolis. He is a ham, with call letters W9DTG and K9KFL, and belongs to the LaPorte (IN) Amateur Radio Club. John's DX interests cover UHF and VHF TV, PSB, BOB, and 2m ham. His shack features the following: RCA KCS-93 b&w TV, RMS CRS 880 UHF converter, RCA CTC-12A color TV, 2 Blonder-Tongue UHF converters, CW-2000 Winegard antenna with AC-223 preamp at 30', Channel Master 7' dish with AC-423 preamp at 40', Bearcat 210 and Winegard 3 band antenna at 25', Fisher FM-90X tuner, Fada 790B, Hallcrafters SX-62A, Kenwood TS-700A with Mirage preamp, Kenwood TS-700SP with Mirage preamp, 4 element Cushcraft beam at 30', and stacked 11 element Cushcrafts at 65'. Not bad, eh? More from John in Tidbits.

Another Hoosier joining us this month is truck driver GEORGE GALLACHER. George is into TV and FM DXing, and has CB call KIN-1130. His DX gear includes a Marantz 2500 (top of their line in 1977), Archer 6 element triple drive antenna, a Radio Shack 8db gain FM & TV antenna amplifier, and a Quasar 7" B&W TV.

Repairman COLBERT ROBBINS, JR., joins us from the Tarheel State. He's into all the bands WTFDA covers. Equipment in his shack includes a GE Monitor "10", STA 80, STA 78, and a JFD VU180 TV antenna.

And finally, from the Dairy State, we have ARTHUR SCHAEFER. He's just getting started in the hobby, and is interested in TV DXing.

Tidbits.....

What's Zondlo doing in Oklahoma, you ask? Actually, I've been wondering the same thing. As many of you know, I left my last employer (WJOB Hammond IN) because I felt the Lord was leading me back into Christian broadcasting. Through a series of miracles I've wound up as program director of KJIL 104.9 here in Bethany (Oklahoma City). KJIL is owned by Swaggart Broadcasting Company, a division of the Jimmy Swaggart Evangelistic Association. The format is primarily MoR Christian music, with a few preaching tapes. I'm still trying to get settled in my apartment, with papers strewn all around. Don't know why the Lord led me here, but can't wait to see what happens! What does this mean to WTFDA HQ? Well, it has necessitated a few changes. 3

Distribution manager Mike Hogan will now handle the routine information requests received at HQ (he's in charge of the Cal City P.O. box), while I'll handle the rest. I'll still take care of the membership files, and will type the address labels for the VUD and send out renewal cards. Mike will also coordinate the publishing sessions with our fine helpers Roger Winsor and Steve and Bob Shaffer. Mike will handle special printing jobs, such as Beyond Shortwave and QSL report forms. Publisher Peter Oprisko will still deal with the printer on the VUD and occasionally clear out the Whiting P.O. box. Pete's duties have been severely reduced in recent months. I'll continue to do the Mailbox column. Other than that, things remain pretty much status quo at HQ. As always, your comments on the operation of WTFDA are much appreciated. If you'd like to edit a column, drop a line to editor-in-chief Bill Thompson, and he'll notify you when a vacancy occurs in the editorial staff. Remember- without you there's no WTFDA!

Perhaps you can offer some suggestions to new member John Comstock (address on page 3). He writes, "I need to update my color set in my living room. The wife is no longer happy with the 1962 RCA CTC-12A console set. It requires too many repairs. In the way of large screen RCA's and Sony's, what would you recommend? I prefer to buy a used set, but do not know which ones are best for DXers. All of my information is on old sets."

We also have a request for help this month from Bruce Hammond (1509 Marshall #407, Liberty, TX 77575): "I have an FM receiver manufactured by the Advent Corporation, the model 300, with the typical 39# dipole antenna. I had less than favorable results with the B-I-C Beam Box top of the line antenna. I live about 50 miles east and slightly north of Houston. The main station I listen to there is KLEF, around 94 on the dial. But the most frequent problems are: (1) Engine noise from passing cars, (2) Static from non-shielded motors in nearby apartments (11 apartments in all), like hair-dryers and shavers), (3) Noise from dialing my phone and switching my lights off (only "off", not "on"), not on all stations, usually below 94 or on weak stations, and (4) Noise from some engine idling nearby (I think a fork lift from a Coca Cola warehouse across the street). Though my apartment complex is small, I am not allowed an antenna. Cable here is inferior to proprietary antennae, from the people I have talked to, and excludes FM. Can you help me?"

Next we have some encouraging words from Rickey Stein (456 Barrymore Place, North Brunswick, NJ 08902): "I have just received a warm and friendly reply from Enrique Leon of Pinar del Rio, Cuba. I wrote him in response to your note in the August Mailbox column in the hope that we could arrange something for him. There is a good possibility that we can make an arrangement whereby he can have a membership in WTFDA, but I will let you know as that develops. Permit me to translate a bit of what Enrique has written- "I am happy that there is a possibility to fulfill my desires to be able to bring me in contact with colleagues who might possibly help me. My interest is in VHF, antennas, and RF amps, as well as other information which will help me DX TV." He also writes, "I would like to ask if there is anyone interested in postage stamps- because I would like to obtain some sport magazines (Sports Illustrated) and perhaps an exchange can be made." I'm trying to find out what can be done as far as shipping to Cuba. I have several friends in Union City NJ (a large Cuban center here near NYC) and am trying to learn the procedure and restrictions. I know that Enrique would like to hear from other members. I don't know what the extent of his English is since we corresponded in Spanish, but I would happily extend my services to any member who wishes to write as far as translating, etc. My letter to Cuba was received in less than one week as determined by the date of his letter. His letter to me, however, although mailed about September 10, was not received here until October 15, so members should anticipate the delay, for whatever the reason." Many thanks to Rickey for his efforts- they are most commendable. Enrique's address is in the August Mailbox column. As you may recall, he has a problem joining the club because political differences between the U.S. and Cuba pose problems in exchanging currency between the two countries. Any help you can offer Rickey and Enrique is much appreciated.

Remember Jim Ayers' project to tape station IDs? Well, he reports that he's finished a tape of FM IDs received in Jackson MS. The 99 stations taped are available on cassette for \$1.50 or 50¢ if you send a C60-cassette. Either price covers all expenses. Almost every ID includes the location, and a detailed list of contents is included with the tape. For info, write Jim at 2847 Woodside Drive, Jackson, MS 39212. Jim is still looking for help on his project, so drop him a line if you're interested.

New Canadian member Peter Weeks shares a few words with us: "I am particularly interested in FM, as received from fixed and also car radios. Regarding the latter, I have been experimenting with some simple filters to eliminate interference from powerful local stations from the famed 1/4-mile high CN Tower in order to receive 2 Buffalo stations (about 70 miles away), one of them a 105kw classical music station, WNED 94.5, and also one that is NPR plus having a lot of jazz, i.e., WBFO at 88.7 MHz, with a present power output of only 770 watts. The latter is due for an increase to 21,400 watts as of December 1st. I have had fair success with complete elimination of interference for WBFO, and a pretty good suppression in the case of WNED, which comes in most of the time in stereo. I am also interested in experimenting with an elaborate indoor antenna for UHF in order to receive channel 17, WNED-TV from Buffalo. I am willing to submit DXing reports, including one from Collingwood, Ontario, whose high location affords startling distance reception on FM."

There's more going on with the OETA, as Dave Rogers reports: "As I mentioned in the October Mailbox column, there was a problem bringing the signal to Buffalo (OK), i.e., the Buffalo translator was trying to pick up KWET, Channel 12, Cheyenne, OK, up direct and there was an existing translator in Gage, OK, on Channel 12 which interfered. Well, apparently the Gage translator has moved to another frequency, probably channel 13. This solved the interference problem from them and so the Buffalo translator is on the air on Channel 58, rebroadcasting KWET. However, depending on conditions, there is some snow on the picture, leaving the quality still something to be desired, although it is watchable. I think they leave their carrier on all night, because I've noticed after KWET's s/off sometimes I pick up KTVH, Channel 12, Hutchinson, Kansas. I might mention that apparently none of the four OETA (OETA = Oklahoma Educational Television Authority) stations ID individually. Usually on the hour a slide is shown with a picture of Will Rogers listing the four principal stations, KETA-13 Oklahoma City, KOED-11 Tulsa, KOET-3 Eufala, and KWET-12 Cheyenne. Also, apparently KETA really originates all the programming, as their phone number and mailing address is the one given at s/off. Sometimes I think an engineer shows an old slide that just lists 11 and 13. S/off is at 2300 CIT after a listing of the 4 stations, their locations, transmitter sites, power, etc., and then "High Flight". They list their microwave links and UHF translators at Idabel and Hugo, but they don't mention any for northwest Oklahoma, so it must be somewhat out of date." Haven't seen the old 11 and 13 slide or the pic of Will Rogers yet, but then I've only been here a week. Not really impressed with OETA so far, truthfully.

Now here's some comments from Motor City member Robert Grant: "I have found out how strong 1000 mile TV can be. On my 12" Sears B&W portable with nothing more than the built-in monopole antenna, I was able to pull in KENS-5, KKAS-5, XHRIO-2 TMX, CBHFT1-3 NS, CBHT-3 NS, and several unIDs. On rabbit ears I was often able to override WJBK-2 and WDIV-4. Saw WBRZ-2, WKRG-5 AL, KTAL-6 LA, WEDU-3 FL, WUFT-5 FL, KOTA-3 SD, KRGV-5 TX, and at least 10 unID stations that were surely not of the list above. Took a small VHF outdoor antenna to my vacation hide-a-way 30 miles WSW of Traverse City, along with my 12" Sears portable. Skip was in almost all the time. Saw WBRZ-2 LA, WDIQ-2 AL, KWGN-2 CO, KTVQ-2 MT, WESH-2 FL, WEDU-3 FL, WJXT-4 FL, WSB-2 GA, WCBD-2 SC, WEAR-3 FL, and unIDs, including one on channel 6 that I'ded on the hour as "canal sase"- and it wasn't the Cuban net canal 6. All evidence points to YSLA San Salvador! Also, I think I have record for shortest E-skip catch, WJBK-2 MI came in by Es at 1725 EDT 8/24/79. Could it be possible that the WJBK signal bounced off the E layer, to the ocean, and bounced back the same way it came (a double-hop of 210 miles!)? (Would defy the laws of physics if it did. Likely not an Es catch, but rather tropo or extended groundwave-jz) The 1979 tropo season was great, too. Here in Detroit, Paul Gaines DXed WFAA-8 TX on 9/10! I got KRIN-32 IA, WKOW-27 WI, and other 300+ milers with a single loop! As for VHF tropo, with a monopole, WISN-12, WITI-6, WTMJ-4, and KPLR-11! I never thought I'd get KRIN-32 or KPLR-11. And I thought WBRZ-28 was just a fluke. Also, I got W67AJ Ann Arbor and W64AK Conneaut, with a single loop."

Finally, this in from Michael Koronka: "The VUD is great. Keep up the good work. My DXing has been quite poor this summer. Very few good openings. Seems when there was a good opening I had to work. I have two jobs, one at a TV repair shop and the other as an engineer at an AM radio station- so I am quite busy."

Remember the new address...see y'all next month.....73.....jz

INTERNATIONAL NOTES from

Ken Simon
513 6th Avenue South
Lake Worth FL 33460

F2 NOTES - Randall Clark (WV) reports the return of TAs in late SEPT with BBC1(b1) and TF(f2). Bill Grant (MA) called to say he's lodged the BBC1(b1) in late SEPT with Crystal Palace, Redruth and Northern Ireland services.

ODDS & ENDS - From the Encyclopedia of the Third World (1978) - Cuba reports 2 networks (TV Nacional and Tele-Rebelde) with 19 xmtrs. Brasil notes 3 networks (Rede Tupi, R. Globo and R.de Emissoras Independentes) with 64 stations and 200 repeaters.

THANKS - To John Combs for the Mexican info and to everyone who sent in foreign TV skeds. While in Mexico, Televisa promised to send full details to me on their stations.

IF YOU CALL, the best time to reach me is from 6-9 p.m. my local time as I work WEIRD hours and usually need my beauty rest....I hope this typewriter is more readable than some of my past columns.

OPS! I forgot that Bill Grant mentioned that he, Glenn Jacobs (in PA) and Jerry Pulice on Staten Island will be having EUROPEAN STANDARD TVs soon.

TV'DE

bugün

19.00

HABERLER

19.05

ARI MAYA

Maya ve Willi ormanda saklambağ oynarlarken, bir yaban anının yuvasına girerler. Bir süre sonra bu yuvaya aslaklar bir sinek sokular ve kendi yuvasını barındırmak ister. Yuvanın gerçek sahibi ne Maya ve Willi yardım ederler.

GÜVEN YAPAR
SÖYLÜYOR

19.30

BİR KONU
BİR KONUK

19.50

Jülide Gülizar, Adalet Bakanlığı Eğitim İşleri Genel Müdürü Salim Özdemir ile Ateşli Silahlar ve Bıçaklar Yasası Üzerine bir söyleşi yapacak.

20.30

HABERLER

21.15

BİLİMDEN TEKNIĞE

Yüce Katircioğlu'nun hazırlayıp sunduğu programın bugün beşinci bölümünü izleyeceğiz. Prof. Dr. Aral Olcay, kimya endüstrisinin Dr. Yaman Yener makina endüstrisinin, Doç. Dr. Önder Yüksek elektrik-elektronik endüstrisinin tarihsel gelişmesini özet olarak anlatacaklar. Programda ayrıca savaş-endüstri ilişkileri konusu ele alınacak. Bu bölümde 2. Dünya Savaşı'nın belgesel görüntüleriyle günümüz savaş endüstrisi görülmeyecek.

TV

Italian Television Programs

RETE 1

RETE 2

19.00 SIPARIO SUI...
L'OPERA LIRICA
a cura di Luigi Fari
Giacomo Puccini
«Madama Butterfly»
(44' puntata)

19.30 TELEGIORNALE
— OGGI AL PARLAMENTO

19.15 LA FIABA QUOTIDIANA
«Gli animali attori»

19.30 ANNA GIORNO
DOPO GIORNO
(44' puntata)

19.35 BRACCIO DI FERRO
diagnosi animali
«Ora è mio, dopo a te»
«Un soprano racconta»

19.50 L'INQUILINO
DEL PIANO DI SOTTO
Con Tappia Gigli e Memo Romigi

19.30 TARZAN
«Il tarzaro corre sul fiume»
Film (2' parte)

19.45 ALMANACCO
DEL GIORNO DOPO
— CHE TEMPO FA

19.00 TELEGIORNALE

20.40 PEPPER ANDERSON
AGENTE SPECIALE
«Una tensione»
Telefilm di Barry Shear
con Angie Dickinson

21.35 MADE IN ENGLAND
di Enzo Barbi
«La piccola patria»
(11' puntata)

22.10 MERCOLEDÌ SPORT
RIMINI: PUGILATO
Zanone Righetti
per il titolo europeo
dei pesi massimi
— TELEGIORNALE
— OGGI AL PARLAMENTO
— CHE TEMPO FA

19.00 TG 2 - ORETEORICI

19.15 UN BIGLIETTO DEL TRAM
Incanto musicale
con gli Stomy Six
Regia di Francesco Dama

Tv 2 ragazzi

19.15 LO SPORT PER LO SPORT
Un programma di
Giampolo Ornesanz
Regia di Vito Orsini
(11' puntata)

19.40 DAL PARLAMENTO
— TG 2 - SPORTSERA

19.00 SPAZIO LIBERO
I PROGRAMMI DELL'ACCESSO
«Aggrinzito»

19.15 ATLAS UFO ROBOT
«Il nostro spazio»
— PREVISIONI DEL TEMPO

19.45 TG 2 - STUDIO APERTO

20.40 CARO PAPA
«Un cane e il suo uomo»
Telefilm comico
con Patrick Cargill
scritto da Johnnie Mortimer
e Brian Cooke

21.05 GIOCHI SENZA FRONTIERE
di Chioggià

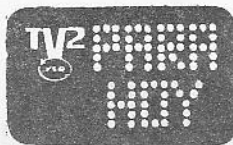
22.30 INVECE DELLA FAMIGLIA
«Vivere insieme»
viveva sotto
un cappellino
di Giancarlo Texeira
e Lourdes Zamora
a cura di Luciano Calvino
(44' puntata) (101)
— TG 2 STANOTTE

(Rome) Daily American, 7/11/79

From Ing. Elia Yuriria Chavarria L. of Mexico's Canal 13 net (via John Combs), comes a list of the whole net. One word. Some locations are the xmtr sites and mountain names.

XHIR Cerro Tuxpan, Iguala, Gro	ch	2	1 kw	2.3 kw ERP
XHPA Nogales, Son		2	0.5	0.874
XHIT C de Velardena, Chih		4	2	20
XHJOM C de los Gallos, Agu		4	1	14.3
XHAO C Tzontehuitz, Chis		4	25	100
XHAF C La Batea, Tepic, Nay		4	0.15	0.399
XHGE C Entre Hermanos, Camp		5	10	36
XHWI Puebla, Pue		6	2	3.59
XHDB Fracc. de los Remedios, Dgo		7	10	36
XHKP C Nevado de Colima, Col		9	10	40
XHTQ C el Cimatario, Qro		9	5	47.4
XHLE Acapulco, Gro		10	10	82
XHTH C la Campana Hermosillo, Son		10	0.5	1.5
XHDD C de los Caballos, SLP		11	10	40
XHDM Merida, Yuc		11	10	80
XHBE C Agua Dulce, Coatzacoalcos, Ver		11	10	125
XHDG C del Fortin, Oax		11	10	65
XHTAS C Culican, Gto		12	25	207
XHGTO C de Tepeozan, Gto		12	0.1	0.6
XHIG C Palma Sola, Oax		12	10	125
XHDF Mexico City DF, C. Chiquihuite		13	50	312
XHIC Cofre Perote, Ver		13	18	100
XHJAL C de Santa Fe, Jal		13	18	167
XHCUR C Tres Cumbres, Mor		13	1	9
XHBL Culiacan, Sin		13	0.5	8.2

El Salvador skeds are for the commercial stations 2, 4, 6...



11:55 Identificación
 12:00 Festival de Cartones
 12:15 El Inspector Ardilla
 -COLOR
 12:45 Max, Faltón de 2000 Años
 -COLOR
 1:15 Teleprensa de El Salvador
 1:30 Telenovela "Cartas para una Víctima" -COLOR
 Presenta:
 2:30 Largo Metrajes del Dos,
 Presenta:
 "Rosenda"
 Con: Fernando Soler,
 Rita Macedo y
 Rodolfo Acosta
 "El Cazador" -COLOR
 Con: Peter Graves,
 Clint Walker
 y Jo Ann Pflug
 8:00 La Hormiga Atómica -COLOR
 8:30 Los Picapiedra -COLOR
 7:30 Biografías
 "Gral. Pershing"
 7:30 Hoy en la Historia -COLOR
 7:35 Criada Bien Criada -COLOR
 8:00 Show de Eduardo II -COLOR
 8:30 Telenovela "Amor Prohibido"
 -COLOR
 9:30 Hoy en la Historia -COLOR
 9:35 Archivo Confidencial -COLOR
 10:30 Reportajes Deleón
 10:45 Telenovela
 "Los Dedos de la Mano"
 -COLOR

canal Dos...
 entretenimiento permanente

HOY

12:15 Identificación
 12:30 Pinocho (Color)
 1:00 Angeles del Espacio
 (Color)
 1:30 Tres Patines (Color)
 2:00 Mr. Magoo (Color)
 2:05 Cierre
 5:15 Identificación
 5:30 Entre Amigos
 Presenta:
 "El Hombre Araña" (Color)
 "Águilas del Espacio"
 (Color)
 8:30 Mafalda (Color)
 8:30 Guerra Entre Planetas
 (Color)
 7:00 Cantinflaahow (Color)
 7:05 Raquel
 8:00 Mafalda (Color)
 8:05 La Familia (Color)
 9:00 Gato Deportivo (Color)
 9:05 La Carabina de Ambrosio
 (Color)
 9:30 Rosalía (Color)
 10:30 Telediario Salvadoreño
 10:45 Super Nocturnos Tele 4
 Presenta:
 "La Sonámbula"
 Con: Darleen Carr y
 Robert Beatty

todo
 la mujer...

8:30 ESTELARES PRESENTA:
 "ZIEGFELD,
 EL HOMBRE Y SUS
 MUJERES" (COLOR)

4:00 COLORIX (COLOR)
 6:00 LOS CUATRO
 FANTASTICOS
 5:30 VALLE DE PASIONES
 (COLOR)
 8:30 MISIÓN IMPOSIBLE
 (COLOR)
 7:25 LA CANCIÓN DE
 LA SEMANA (COLOR)
 7:30 ALTA TENSION (COLOR)
 Con: Felipe Aragón
 8:30 LOS TIGRES
 VOLADORES (COLOR)
 9:30 ESTELARES PRESENTA:
 "ZIEGFELD,
 EL HOMBRE Y SUS
 MUJERES" (COLOR)
 10:30 LAS CALLES DE
 SAN FRANCISCO
 (COLOR)
 CIERRE

TV6 CON LA MAGIA DEL COLOR

73'0 Kan 7

IN SEARCH OF



Donald L. Blevins
1715 Earhart Road
Baltimore, MD 21221
phone # 301-574-2714

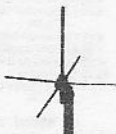
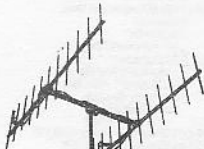
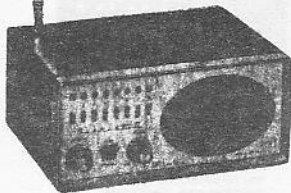
IN SEARCH OF PSB... This month's issue will feature a much coveted frequency and station list for the California Highway Patrol. This information comes from Mr. Gene Simpson of Pleasanton, California and the Bay Area Scanners Club. Mr. Bill Phillipson of Cupertino also contributed a very informative list containing the color/frequency combinations, but the list contained herewith has duplicated this information. Bill has submitted numerous lists that have appeared in "IN SEARCH OF PSB". It is the efforts of many fine people as Bill Phillipson that have made this feature a success.

CALIFORNIA HIGHWAY PATROL MOBILE SYSTEM RADIO FREQUENCIES

<u>AREA & CALL PREFIX</u>	<u>COLOR</u>	<u>BASE</u>	<u>MOBILE</u>
<u>ZONE I</u>			
Alturas 60	Blue	42.34	42.18
Garberville 105	Green	42.54	42.24
Crescent City 95	Green	42.54	42.24
Humbolt 16	Green	42.54	42.24
Lakeport 7	White	42.56	42.72
Mt. Shasta 52	Blue	42.34	42.18
Quincy 20	Blue	42.34	42.18
Red Bluff 36	Red	42.44	42.28
Redding 37	Red	42.44	42.28
Susanville 38	Blue	42.34	42.18
Trinity River 90	Red	42.44	42.28
Ukiah 18	White	42.56	42.72
Williams 39	Brown	42.50	42.82
Willows 93	Brown	42.50	42.82
Yreka 41	Blue	42.34	42.18
<u>ZONE II</u>			
Auburn 45	Green	42.54	42.24
Chico 104	Brown	42.50	42.82
Gold Run 70	Green	42.54	42.24
Grass Valley 42	Green	42.54	42.24
Jackson 94	White	42.56	42.72
Lake Valley 13	Red	42.44	42.28
Modesto 48	Blue	42.34	42.18
Oroville 35	Brown	42.50	42.82
Placerville 44	Green	42.54	42.24
Sacramento 46	Gold	42.12	42.20
San Andreas 49	White	42.56	42.72
Stockton 62	White	42.56	42.72
Tracy 103	Blue	42.34	42.18
Truckee 80	Red	42.44	42.28
Woodland 47	Green	42.54	42.24
Yuba-Sutter 43	Brown	42.50	42.82
<u>ZONE III</u>			
Contra Costa 19	Purple	42.40	42.16
Hayward 25	Gold	42.12	42.20
Marin G. G. Br. 34	Silver	42.08	42.28
Napa 21	Purple	42.40	42.16
Oakland 96	Gold	42.12	42.20
Redwood City 91	Silver	42.08	42.28
San Francisco 32	Pink	42.44	42.76
San Jose 24	Brown	42.50	42.82
Santa Rosa 17	Orange	42.88	42.66
Vallejo 22	Purple	42.40	42.16



CHiPs



<u>ZONE IV</u>	<u>COLOR</u>	<u>BASE</u>	<u>MOBILE</u>	<u>*****</u>
Bakersfield 69	Blue	42.34	42.18	* n. L. Wilson
Coalinga 88	Pink	42.44	42.76	* nt. 1 Box 272-D reports:
Fresno 65	Silver	42.08	42.28	* Harlem, GA
Hanford 68	Pink	42.44	42.76	*
Los Banos 30	Orange	42.88	42.66	* Georgia Department
Madera 66	Orange	42.88	42.66	* of 47.30
Mariposa 63	Orange	42.88	42.66	* Tranportation
Merced 64	Orange	42.88	42.66	* Highway Maint Division
Porterville 40	Pink	42.44	42.76	*
Sonora 61	White	42.56	42.72	* KxV 427 Appling
Visalia 67	Pink	42.44	42.76	* KIL 852 Tennille
				* KWM 776 Luisville
				* KTE 353 Milledgeville
				* KTE 462 Midville
				* KSZ 368 Madison
				* KIV 863 Swainsboro
				* KIL 918 Atlanta/Forest Park(The Boas)
				* "We have 115 mobile
				* units in this district
				* All of which use state
				* assigned calls start-
				* ing with 2, since we
				* are district 2(of 7).
				*
				* D.O.T. Engineering
				* &
				* Test Labs use:151.085
				*
				* KSZ 368 Madison
				* KIL 852 Tennille
				* WIK 759 Augusta
				* *****
				*
				* Bill Staubbs
				* Pasadena, MD reports:
				*
				* 44.40 nobb-Tyler
				* (Browning-Ferris
				* Industries)
				* Trash Trucks in the
				* Baltimore Area
				* "We never refuse refuse!"
				* *****
				*
				* Tom Yingling
				* 221 Pinewood Road
				* Baltimore, MD
				* 21222
				* reports:
				*
				* Mobility Bus Service
				* Baltimore use 44.46 mhz
				*
				* *****
				*
				* 21222
				*
				* 21222
				*
				* 21222
				*

<u>ZONE V</u>	<u>COLOR</u>	<u>BASE</u>	<u>MOBILE</u>
Baldwin Park 81	Orange	42.88	42.66
Central L. A. 15	Black	45.02	44.86
East L. A. 82	Gold	42.12	42.20
Glendale 98	Brown	42.50	42.82
Newhall 78	Silver	42.08	42.28
Sante fe Springs 83	Gold	42.12	42.20
South L. A. 77	White	42.56	42.72
Tejon 102	Silver	42.08	42.28
West L. A. 79	Pink	42.44	42.76
Malibu 109	Pink	42.44	42.76
West Valley 56	Brown	42.50	42.82

<u>ZONE VI</u>	<u>COLOR</u>	<u>BASE</u>	<u>MOBILE</u>
Banning 97	Green	42.54	42.24
Blythe 6	Red	42.44	42.28
El Centro 85	Blue	42.34	42.18
Indio 76	Red	42.44	42.28
Oceanside 92	Blue	42.34	42.18
San Diego 87	Gold	42.12	42.20
Santa Ana 86	Purple	42.40	42.16
Westminster 55	Purple	42.40	42.16

<u>ZONE VII</u>	<u>COLOR</u>	<u>BASE</u>	<u>MOBILE</u>
Buellton 3	White	42.56	42.72
Hollister-Gilroy 23	Green	42.54	42.24
King City 8	Green	42.54	42.24
Monterey 27	Green	42.54	42.24
Paso Robles 9	White	42.56	42.72
San Luis Obispo 28	White	42.56	42.72
Santa Barbara 29	Green	42.54	42.24
Santa Cruz 26	Green	42.54	42.24
Santa Maria 14	White	42.56	42.72
Ventura 31	Purple	42.40	42.16

<u>ZONE VIII</u>	<u>COLOR</u>	<u>BASE</u>	<u>MOBILE</u>
Arrowhead 101	Green	42.54	42.24
Bridgeport 71	Blue	42.34	42.18
Barstow 73	White	42.56	42.72
Bishop 72	Blue	42.34	42.18
Lancaster 89	Silver	42.08	42.28
Mojave 59	White	42.56	42.72
Ontario 84	Orange	42.88	42.66
Riverside 74	Green	42.54	42.24
Twentynine Palms 106	White	42.56	42.72
Victorville 12	White	42.56	42.72

NORTHERN FM-DX

Ralph Strobel, editor
2510 E. McCalliard Rd.
Muncie, Indiana 47303
(317) 288-5815
Deadline: the 10th

DECEMBER 1979

For FM DXers in Canada, the Northwest-Central states of WA OR ID MT WY ND SD NE MN IA MO and states east of the Mississippi River and north of the Mason-Dixon Line.

Frank Merrill - P. O. Box 7207 - Toledo, Ohio 43615

- Equipment: Panasonic RF-1200 portable radio with whip antenna, prior to 7/28/79.
KLI-18 Tuner (1965, brought out of retirement) for DX 7/28 to 9/6/79.
Kenwood KT-8300 Tuner for DX 9/21 to 9/27/79.
McIntosh MR-78 Tuner for October 1979 DX.
Channel Master 9-element yagi at 25 ft. w/rotor used for DX 7/28/79 to now.
- 6/1 Es 1244 KYKK 94.1 TX Amarillo, partial ID included call letters
1255 KMTY 99.1 NM Clovis, relog
1258 KTQM 99.9 NM Clovis, Wings record, then CBS nx (phoned 'em, they carried both) /// thru local 99.9.
1259 KSEL 93.1 TX Lubbock, "...Lubbock..."
1300 KWGO 99.5 TX Abernathy, ID top of hour.
1310 KNID 96.9 OK Enid, "It's 61 degrees in Enid"
1313 KQIZ 93.1 TX Amarillo, "Z-93" non-ID; Amarillo Stadium ad.
1320 KBIM 94.9 NM Roswell, relog, ID
1322 KATX 97.3 TX Plainview, relog for new calls, ex-KPLA, "Kay-Tex"
1327 KBMF 98.3 TX Spearman, H & H Water Wells ad (phone co. had listing)
1328 KYTX 98.7 TX Amarillo, local ads; (Why do all these Amarillos like to change calls??)
1338 KTTL 93.9 KS Dodge City, concert tickets sold in Garden City, Dodge City, etc.
1344 KILO 93.9 CO Colo. Springs, relog for new calls, ex-KPIK, "KILO FM-94"
1400 KLMR 93.3 CO Lamar, The news today, on KLMR.
1401 KBLJ 92.1 CO La Junta, relog, local ad
1409 KVOD 99.5 CO Denver, Colorado newscast
1411 KAZI 106.7 CO Denver, "Springsteen on KAZI"
1413 KBPI 105.9 CO Denver, Edens Gardens Amusement Park ad
1421 KPPL 107.5 CO Lakewood, "Gordon Lightfoot on KPPL"
1429 KOSI 101.1 CO Aurora, ID
1449 KUWR 91.9 WY Laramie, ID'ed obscure c mx; I called, it was theirs.
1455 KTCL 93.3 CO Fort Collins, "plain" ID
1500 KIOZ 102.9 WY Laramie, "K-102" and "Laramie" portions of ID heard.
1509 KFAH 92.1 NE Alliance, local temperature
6/2 tr 0643 WVXU 91.7 OH Cincinnati, Cincinnati wx
6/24 Es 2000 WNFQ 94.3 FL Lake City, "94-Q" and ID; stayed in for almost two hours!
2001 WQXM 97.9 FL Clearwater, ID and "98-Rock"
2030 WONE 98.5 FL Panama City Beach, "The music for all seasons on 'Q-98,' WONE-FM" - What a dumb ID!
2043 WMTM 93.9 GA Moultrie, "Best of country mx from WMTM-FM" (State #33)
6/30 GW 1400 WIPU 89.1 IN Fort Wayne, ID weakly through WEMU. (They said, "WEMU, we're gonna WIP-U out!")
7/5 Es 1745 CBHA 90.5 NS Halifax, Canadian gov't. subject matter (ID'ed CHEX 101.9)
1748 CIOO 100.1 NS Halifax, "C-100 after dark" info on rock concerts.
1809 CKWM 97.7 NS Kentville, "Promises Promises" played; I called, heard parallel on phone.
1821 CBI 105.9 NS Sydney, parallel programming to 102.7 CBH
1825 CJCB 94.9 NS Sydney, Gaelic/Highlands mx program, I called & heard //
1827 CKCL 100.9 NS Truro, "...7:27 at CKCL-F..."
7/9 tr 2345 CJCB 99.3 ON London, French, parallel to CBFE-AM 540.
7/28 tr 0303 WEHB 89.9 MI Grand Rapids, s/off
7/29 tr 0556 WAUP 88.1 OH Akron, s/on
2007 WEAX 88.3 IN Angola, "This is WEAX Angola"
7/30 tr 0627 WVPN 88.5 WV Charleston, talking about WV Little League
0648 WDSY 107.9 PA Pittsburgh, "FM-108, Daisy"
8/9 tr 1559 WUJC 88.7 OH University Heights, ID through CJOM Windsor ON.
1700 WZOW 97.7 IN Goshen, ID
1723 CKO 97.5 ON London, "...will be heard later on CKO..."
1801 WKTL 90.7 OH Struthers, "...Hi, it's 6:01, we're WKTL..."
1900 WFPL 89.3 KY Louisville, ID
1943 CING 107.9 ON Burlington, "C-I-N-G Stereo" (surprised to hear them using the calls)
8/10 tr 0038 CBC 100.5 ON London, noted parallel to 89.9 Windsor, ON.
0055 WSLM 98.9 IN Salem, Larry King Show, later gave Radio Ridge temperature.

* cont'd *

8/10	Es	2155	KRKE	94.1	NM	Albuquerque, "This is Albuquerque's music FM, FM-94"
		2159	KLYT	88.3	NM	Albuquerque, Phone call again, got a parallel on r mx.
8/11	tr	0104	WBST	92.1	IL	Muncie, s/off
		2100	WLBH	96.9	IL	Mattoon, "You're listening to WLBH-FM, Stereo 97"
8/13	tr	0042	WONC	89.1	IL	Maperville, ID between songs, like "kids playing radio" (I enjoyed it)
		0127	WXLp	96.9	IL	Moline, relog, ex-WMDR, temperature under KSTT skies.
		0129	WGTD	91.1	WI	Kenosha, "WGTD, the Voice of Gateway on FM-91"
		0431	WEZV	101.7	IN	Fort Wayne, ID, relog, ex-WCMX
		0509	WCBN	88.3	MI	Ann Arbor, Hendrix promo and local mentions.
		0606	WAUS	90.7	MI	Berrien Springs, programming disclaimer
		1137	WKDH	102.5	IN	New Castle-Muncie, write to us, comment on our programs.
		1208	WSRW	106.7	OH	Hillsboro, two local ads
		1223	WONB	100.3	IN	Connersville, "it's 11:23 here, from CNB"
		1236	KTJJ	98.5	MO	Farmington, jingle: "KTJJ, 98-5" while trying for WACF!
		1248	WACF	98.5	IL	Paris, "Weather for the WACF listening area"
		1304	WRAY	98.1	IN	Princeton, Gibson County Bank
	MS	1336	KCKN	94.1	KS	Kansas City, ID, formerly by Tr 8/17/71.
8/14	tr	0059	VWVR	89.1	VA	Roanoke, ID, then s/off through WEMU.
		0105	WEMM	107.9	WV	Huntington, "on WEMM Radio in Huntington WV"
		0130	WBTA	90.9	DC	Washington, open carrier test, ID for equipment tests.
8/15	tr	0107	WIDR	89.1	MI	Kalamazoo, book/record sale, mention local places.
8/16	tr	2207	WHPF	98.9	IL	Rock Island, ID, local ads
		2223	WGFA	94.1	IL	Watseka, Watseka ball game, surprise, was looking for WMIX
8/17	tr	0028	WJCK	97.7	IN	Rensselaer, "Music in the night from WJCK"
		0300	WGBU	89.9	IL	Peoria, ID
		0508	KKYK	103.7	AR	Little Rock, ID after ad, (State #34) - 675 mile tropo.
		0600	WMLX	94.1	IL	Mt. Vernon, use WMIX's Co-op Department
		2015	WQBE	97.5	WV	Charleston, Capital Dodge, then ID.
9/4	tr	1741	WFLM	103.9	IN	Crown Point, jingle
		1806	WSPY	107.1	IL	Plano, local ad, stayed on top for about 4 hrs., 250 mi.
		1827	WVVK	103.1	IL	Highland Park, gave their phone number, which checked out.
		1836	WGLE	100.1	WI	Port Washington, welcome wagon phone number checked out.
		1900	WXJY	98.3	WI	Menominee Falls, ID, stayed atop WYMO all evening.
		1930	WPNE	89.3	WI	Green Bay, ID, formerly logged as WHKW Chilton.
		1930	WUWM	89.7	WI	Milwaukee, ID
		1941	WHRM	90.9	WI	Wausau, parallel to 89.3 and 90.7.
		1958	WSWT	106.9	IL	Peoria, "You're listening to Sweet, WSWT"
		2011	WRKR	100.7	WI	Racine, ID between songs, and local ad. Elkhart "missing"
		2040	WISM	98.1	WI	Madison, local furnace ad
		2100	KSUI	91.7	IA	Iowa City, ID
		2139	WIXX	101.1	WI	Green Bay, Green Bay wx, ID
		2142	WTME	98.9	WI	Tomah, temperature "here in Tomah"
		2159	WRVM	102.7	WI	Suring, "WI Speaks Out" is a presentation of WRVM (A friend had this one on his portable, too, in town)
		2211	WWJR	97.7	WI	Sheboygan, Citizens Bank/"FM-98"/rock, call to verify.
		2232	WZND	99.3	MI	Zeeland, "Super Z-N-D" & local wx.
		2240	WNNO	107.1	WI	Wisconsin Dells, "fair skies and 67 degrees at WNNO" 300 mile tropo o/everyone.
		2340	WYMS	88.9	WI	Milwaukee, local blues show.
9/5	tr	0012	WKKB	92.1	WI	Manitowoc, "...your friends here at WKKB..."
		0043	WMT	96.5	IA	Cedar Rapids, ID
		0056	WQFL	100.9	IL	Rockford, "You're listening to WQFL, Rockford IL.
		0059	KRVR	106.5	IA	Davenport, Quad Cities forecast
		0130	KOSR	102.9	IA	Cedar Rapids, pick up your Top 30 Survey from "Q-103"
		0155	WZEE	104.1	WI	Madison, "Z-104" and gave local phone number.
		0300	KSJN	91.1	MI	New Brighton, "KSJN" ID, then ad. (KSJN is in St. Paul-RS)
		0300	KLSE	91.7	MN	Rushford, also ID
		0418	WYXE	92.1	WI	Sun Prairie, mention "Mad City" twice, and "92-FM"
		0613	WDEZ	101.9	WI	Wausau, wx
		0619	WELL	104.9	MI	Marshall, relog, ex-WALM, Tekonsha ad
		0631	WPAW	107.3	WI	Fort Atkinson, Farmco Tires in Jefferson
		0709	KNXR	97.5	MN	Rochester, Austin/Stewartville/Winona bank ad
		0719	WDUZ	98.5	WI	Green Bay, local insurance ad
		0823	WVRM	106.7	MI	Gaylord, ad for Ma's in Petoskey
		0830	WKIL	97.7	MI	Kalkaska, Kalkaska Mall, "Kill-98" (Why would they call themselves that?)
9/6	tr	1644	WMRT	88.3	OH	Marietta, j, ID between songs
9/21	tr	1957	WTNS	99.3	OH	Coshocton, Penney's in Coshocton
		2018	WSCH	99.3	IN	Aurora-Rising Sun, ready for high school football on WSCH

- 9/21 tr 2023 WOCH 106.1 IN North Vernon, "Greatest Country in the World, WOCH"
 2059 WFGH 90.7 WV Fort Gay, Tigers/Pioneers ballgame, THEIRS per phone call
 2202 WCVO 104.9 OH Gahanna, quick ID
 2236 WKKO 101.7 OH Newark, "WKKO Total Information Sports"
 2312 WFLA 104.3 OH East Liverpool, jingle
 2339 WAHO 105.9 PA Pittsburgh, "...Pittsburgh's largest dance floor..."
 2349 WSRD 101.1 OH Youngstown, JERRY STARR announcing, therefore, I didn't really need an ID.
- 9/22 tr 0004 WJFR 101.7 OH Dover, jingle: "WJFR-FM" then wx
 0022 WNRN 107.1 OH Circleville, "It's 12:22 on WNRN-FM" (on late for bb game)
 0101 WLYK 107.1 OH Milford-Mariemont, top of the hour ID
 0105 WHJE 91.3 IN Carmel, Carmel & vicinity wx, then s/off.
 0154 WYEP 91.5 PA Pittsburgh, "WYEP-FM" here in the 'Burg"
 0202 WRDL 89.5 OH Ashland, s/off, and does mention 10 watts yet.
 0241 KFUot 99.1 MO Clayton, c mx broke briefly through WHIO. NO details.
 0300 KMMU 90.7 MO St. Louis, relog ID, means the 0241 prob. was Clayton.
 0340 WZPR 100.3 PA Headville, "...comeback of WPMGW soul list..." (What?) (WPMGW is WZPR's AM outlet.-RS)
 0358 WCP1 98.7 WV Wheeling, ID barely over WBFG.
 1216 WCVJ 90.9 OH Jefferson, gave their mailing address.
 1317 WHIZ 102.5 OH Zanesville, ID between songs
 1800 WHPW 89.9 WV Huntington, heard parts of WV's 4 station ID through CBE: TOUGHIE
- 9/23 tr 0100 CBE 89.9 ON Windsor, s/off
 0100 WOSU 89.7 OH Columbus, s/off
 0103 WRCL 90.3 IN Fort Wayne, s/off, sunday morn. silent period? (Yes-RS)
 0105 WIPU 89.1 IN Fort Wayne, s/off
 0105 WEMU 89.1 MI Ypsilanti, s/off
 0105 WVMO 98.3 MI Monroe, off
 0105 WAUS 90.7 MI Berrien Springs, s/off
 0506 WAJR 101.9 WV Morgantown, religious program, AGAIN got parallel over the phone.
 0522 WKLC 105.1 WV St. Albans, "Don't Look Back, by BOSTON, on KLC-FM"
 0606 WJWJ 106.3 OH New Lexington, jingle after Associated Press nx.
 0630 WPTW 95.7 OH Piqua-Troy, s/on
 0630 WUOM 91.7 MI Ann Arbor, s/on
 0736 CKOT 101.3 ON Tillsonburg, CKOT-FM wx forecast
 0757 WETS 90.9 DC Washington, relog, ID, then DC wx
 1622 WKKS 106.7 PA Beaver Falls, jingle
 2059 WDCB 90.9 IL Glen Ellyn, ID, playing soft rock
 2217 WYSS 94.3 PA Saegertown, "Wise" wx, and Saegertown temperature
- 9/24 tr 0045 WJHR 103.1 TN Jackson, "J-103" strict non-ID, mention AM, ID'ed 0400!
 0105 WQLT 107.3 AL Florence, "Q-107" strict non-ID, local ads, etc.
 0414 WKTA 106.9 TN McKenzie, wx scan from WKTA wx central.
 0424 WMC 99.7 TN Memphis, relog, wx for the Mid-South.
 0444 WZEZ 92.9 TN Nashville, "At WZEZ, EZ-93, it's the music that makes us different"
 0513 KKYK 103.7 AR Little Rock, relog, r, "K-Kick" full quieting.
 0722 WQUD 104.5 TN Memphis, "G.Q. for you on Quad-104" strict non-ID?
 0750 WKNO 91.1 TN Memphis, "You're listening to KNO-FM Memphis"
 0855 WEZI 105.9 TN Memphis, m, "At FM-106...EZ, WEZI" atop co-linear WJZZ.
 0857 WZXR 102.7 TN Memphis, rp, "Memphis rock at 103" atop co-linear WLBS.
 1027 WBJY 89.5 MI Monroe, r, ID between records
 1117 WAKQ 101.1 KY Russellville, r, "KQ-101" and Greenwood Mall (!) ad - (There's one in Toledo too)
 1122 KRMD 101.1 LA Shreveport, k, funny that they'd have a local Greenwood Rd. ad; 850 miles!
 1218 KHLS 96.1 AR Blytheville, ID somehow got by WQLK Richmond IN and WSTO Owensboro KY!
- 1227 WHOP 98.7 KY Hopkinsville, local livestock ad, over co-linear WBFG.
 9/25 tr 0319 WNUU 103.1 KY St. Matthews, "U-103" Climax Blues Band, Louisville wx
 0340 WQAW 107.1 WV Parkersburg, "You've found the Q, WQAW"
 0341 WIRB 99.3 WV Parkersburg, "request #485-0151 on the Z" phone verie.
 1602 WVSH 91.9 IN Huntington, r, cheapo jingle
- 9/26 tr 1029 WBPH 88.1 MI Bloomfield Hills, ID after c mx.
 1614 WSDP 88.1 MI Plymouth, "current WSDP temp. is 77 degrees"
 1657 WMC 88.3 OH Berea, Baldwin-Wallace Campus trivia contest
- 9/27 tr 1404 WQAK 89.3 MI Royal Oak, r, fighting WJLD, called them & got music parallel: floored them.

10/1 tr 1234 CHUM 104.5 ON Toronto, rp, free pass to show, get at "chum"-FM.
 1236 CKNX 101.7 ON Wingham, m, Royal Homes in Wingham
 1331 WJGS 98.5 MI Houghton Lake, m, "Tell a friend about WJGS"
 1700 WVCS 91.9 PA California, rp, fast ID
 1737 CIXX 106.9 ON London, rp, wx on "Six-X"
 1906 WLFC 88.3 OH Findlay, "Robert John here on WLFC"
 2002 WHEI 88.9 OH Tiffin, rp, Yet another parallel grabbed over the phone, album rock, WVPW a real problem with WHEI rarely on top.
 2018 WSIP 98.9 KY Paintsville, r, WSIP needs tractor for the tractor pull.
 2059 WBES 96.1 WV Charleston, m
 2203 CKO 99.1 ON Toronto, n, parallel to 97.5 with game.
 2346 WFEM 92.1 PA Ellwood City, k, American Country Countdown; s/off type announcement but it wasn't a s/off; for some reason WNRW was off BEFORE midnight.
 10/2 tr 0000 WPQR 99.3 PA Uniontown, burst in for a few seconds at s/off.
 0005 WETS 89.5 TN Johnson City, s/off
 0017 WCCW 92.1 MI Traverse City, r, suddenly faded in, "Good Morning, Traverse City," apparently Murphy was sound asleep this morning.
 0028 WVCC 101.7 PA Linesville, r, "FM-102" non-ID and Meadville ad.
 0133 WYSO 91.3 OH Yellow Springs, re: Antioch College (ex-91.5)
 0200 WCIR 103.7 WV Beckley, m? (Was p when I last heard WCIR-RS)
 0302 WAMU 88.5 DC Washington, c, ID after opera
 1120 WSIP 98.9 KY Paintsville, k, relog, was r last night.
 2238 WIAI 99.1 IL Danville, k, Urbana ad, etc.
 2358 WIL0 99.7 IN Frankfort, r, end Al Stewart album, partial ID caught.
 10/3 tr 0100 WHPO 100.9 IL Hoopston, k, ID, mentioning 24 hours.
 0103 WQFL 100.9 IL Rockford, s/off
 0134 WDNL 102.1 IL Danville, r, Sad Eyes on "D-102" WDNL jingle at 0135.
 0200 WNON 100.9 IN Lebanon, relog, ID, noted running Larry King Show AN.
 0500 WOKU 107.1 PA Greensburg, s/on
 0612 WKDJ 100.1 KY Winchester k, "On FM-100 in Winchester" and local ad.
 0632 WLNR 106.3 IL Lansing, s/on, relog
 1152 WIDL 104.9 MI Caro, r, "For you, on 'IDL Radio" (MAY GO OFF AIR 10/15)
 1217 WDZZ 92.7 MI Flint, s, "Another public service reminder of WDZZ"
 10/8 tr 0023 WBWB 96.7 IN Bloomington, gave Red Cross phone #, which checked out per phone company.
 10/17 tr 0059 WSHN 100.1 MI Fremont, s/on
 10/19 tr 0316 WXIZ 100.9 OH Waverly, ends equipment tests
 0400 WHKK 100.9 KY Erlanger-Cincinnati OH, g
 10/20 tr 0415 WZQZ 95.1 IL Decatur, k
 10/25 tr 0200 WMEW 91.5 MI Mt. Pleasant, r, ID after Led Zepplin
 0209 WSEX 88.5 MI Allendale, p, ID after album
 10/26 tr 0508 KNWS 101.9 IA Waterloo, wx
 0515 KIWI 105.3 IA Dubuque, m
 0633 WAHS 89.5 MI Auburn Heights, ID after Beatles album
 2132 WKJR 101.7 MI Muskegon Heights, football game
 2201 WISU 89.7 IN Terre Haute, ID
 2219 WPGW 100.9 IN Portland, Jay County mentioned
 11/10 tr 1703 WCVJ 90.9 OH Jefferson, relog, s/off

FM total is now brought up to 835, from 34 states plus Dee-Cee. Acquiring the McIntosh MR-78 on September 29, was the climax of over fourteen years of wanting "the ultimate FM-DX setup" capable of getting adjacent frequencies at virtually all times. I believe that I experienced a "FIRST" back in August - I mean, how often is it that a person is able to use the national network news to "ID" a DX station he received recently? I did!! Take note of 8/13, my WKLP-96.9 logging. Now, I previously had them in my log under the old WMDR calls (and never heard it as WHTT), and of course WMDR was Moline. But with them mentioning both KSTT and 97-X, it was obvious that they weren't even WHTT anymore. Did the KSTT mention mean that they were now in Iowa? If so, it would be a new station for me, by virtue of its move across state lines, but if it was still an IL station it would be only a call change and therefore not new. Now, a few days later I turned on the NBC News (on Channel 13) and the first thing I see is something about the President Carter "energy cruise down the Mississippi River" and they're talking about his stop that day in Davenport. Among other things, the newscast said that he had been put on a talk show on Radio Station KSTT/WKLP! How bizarre that THEY (NBC Evening News) would solve my mystery! Another coincidence shows up on 8/17/79 (though not quite as bizarre), where my first catch was WJCK. The big DX session (tr) of 8/17/79 started out on that date with WJCK. The 9/24 tr opening, I probably consider to be the best I have ever encountered. The WJHR-103.1 catch is, at 520 miles, my "runaway" furthest Class A tr catch ever; in fact, it's my first to even break the 400 mile marker. Getting the Memphians over the Detroiters (in just about

180-degree opposed, and therefore co-linear, directions from one another) was surprising, and the 101.1 story was particularly interesting because I didn't even get the one I was after (KWAM) but yet I still got two new stations with the antenna in the required direction. KRMD is either a tie, or just barely edges out, as my furthest FM tr catch ever. It depends on where their tower is, and where the towers of the Winnipeg, 92.1 and 94.3 are (which I got in Michigan on tr ten years ago), because they both measure around 850 miles. 9/24 TV was particularly wild, with UHF tr as far as Houston (1070 miles), which is my TV tr record. Regarding the 9/26 DX, I have some doubts about WSDP's power, because they were much weaker than WCBN-88.3 and WEJY-89.5, etc.; and WBTH was in and out with them though it's further and in the same direction. WSDP's listed 200 watts was really acting like 10. WBGU's hours on 88.1 seem to be very will-'o-the-wisp, sometimes running 24 hours and sometimes being off half a day at a time, etc. I attended the WTFDA Convention in Baltimore, and must say that I had a great time at a fine convention. I feel it's very appropriate to thank the Baltimore hosts for their selfless hard work in putting the convention together, so I am doing so right here. And since this is the END of my report, I guess that an extrroduction is in order since I haven't reported in so long. I am 32 years old, single (have always been), and I actually live about 15 miles west of Toledo. My sole occupation now, is gathering up and selling old phonograph records (mostly top forty and country from 1950 to 1979) which does involve extensive traveling (and which causes those big date-gaps in my report here). I've been doing this for 15 months now, having quit a good government job to take the chance with a job that I created out of thin air. It seems to be working well. 73! P.S. If anybody sees any call letters in here that are wrong, I'd like to know. On the basis of ID'ing many stations through other than call letters (such as using ads, etc.) there almost have to be some wrong calls, since FM has had an epidemic of call changes in recent years.

* * * * *

Mike Bugaj - 69 Sherman Road - Enfield, CT 06082

7/28 Es	8/14 Es
2146 KQDY 94.5 ND Bismarck	1733 WAPI 94.5 AL Birmingham
2148 WSCD 92.9 MN Duluth	1755 WVOK 99.5 AL Birmingham
2152 WAKX 98.9 MN Duluth	1807 WKBJ 92.3 TN Milan
2154 KQWB 98.7 MN Moorhead "Q-98"	1808 WMOR 92.1 KY Morehead
2208 KVLR 95.3 MN Detroit Lakes	1809 WHRK 97.1 TN Memphis
8/1 tr	2200 WQGN 105.5 CT Groton ex-WSUB
2130 WRKC 88.5 PA Wilkes-Barre	2240 WPAT 93.1 NJ Paterson
2200 WKWZ 88.5 NY Syosset 10w	thru WHYH finally!
WFCR 88.5 MA Amherst off	
8/2 Es	8/31 tr
1840 WJDB 95.3 AL Thomasville	0750 ON pegging: CKPC-92.1, CBC-93.5, CKDS-95.3, CKO-97.5, CFCA-105.3.
1844 WRPM 107.9 MS Poplarville	0815 WUGN 99.7 MI Midland g
1847 WNLS 100.5 MS Laurel d	0817 WGMZ 107.9 MI Flint (new mode)
1849 WVOK 99.5 AL Birmingham "K-99"	0821 WHSB 107.7 MI Alpena Young's Appliances (570 mi.)
1854 WFMH 101.1 AL Cullman	0823 had to leave - late for work
1854 WMDC 100.9 MS Hazelhurst	9/1 tr
1857 WWWB 102.5 AL Jasper	0801 WQVR 100.1 MA Southbridge ex-WESO
1857 WZZK 104.7 AL Birmingham	9/4 tr
1859 WIVK 107.7 TN Knoxville	1116 WCDD 94.3 PA Carbondale nx, no WBPM
1901 WKNZ 101.7 MS Collins	9/10 tr
1904 WSJC 107.5 MS Magee	1826 WPVR 94.9 VA Roanoke very strong
1906 WQSB 105.1 AL Albertville	2000 very strong DC area stations
1916 WJMI 99.7 MS Jackson	9/12 tr
1918 WHKW 98.1 AL Fayette	1900 to 2000 and after. Strong tr into central and western PA, WDVW/WSHH very good. Also into Richmond (WEZS-103.7)
1922 WQEN 103.7 AL Gadsden	2259 WAWZ 99.1 NJ Zarephath g, o/WPLR
1922 tune out	9/13 tr
8/7 Es	1811 WXYV 102.7 MD Baltimore
1756 KBEZ 92.9 OK Tulsa "FM-93"	2108 WWTW 101.7 NY Binghamton "3-WT" d, lots of Bing. spots.
1758 KPCG 102.5 MO Jolin	
1810 KTEH 93.5 OK Ada	9/14 tr
1850 WROK 94.1 PA Sunbury Sears spot	? unID 94.1 WRKQ? "94-RX" your kind of music, the great ones.
2100 Baltimore area good	2200 Pittsburgh area up good: WDVW/KDKA
2130 Norfolk area good	
(cont'd. next column)	
New stations underscored	
Totals now: 982.	

* Remarks Continued *

During the summer I took some time to get my antenna set-up winterized. I retired my Finco FM-5 and bought a Finco FMSL-12 from member Al Bernard. The 12 element Finco gives much better nulls than the FM-5. I could never get WPAT or WAWZ with the old Finco antenna. However, I should say that the FM-5 was ten years old, so time and weather probably hurt its performance some.

Neil G. Zank - 623 Lyncrest Dr. - Lincoln, NE 68510

Equipment: Pioneer SX-750 Receiver, Archer 10 element FM Yagi, CD Rotor at 45 feet.

9/8 tr 2100 KATT 100.5 OK Oklahoma City 9/11 tr 1100 WHHI 91.3 WI Highland
2150 KOFM 104.1 OK Oklahoma City 9/19 tr 2130 KWSC 91.9 NE Wayne
2300 KJIL 104.9 OK Bethany 9/29 tr 2000 KHAK 98.1 IA Cedar Rapids

Es was very sparse for me this year, with only two openings noted; 6/8 and 7/20. Fewer openings than last year. What there was good, with TX, FL, NC, and VA heard. The 6/8 opening was the entire band, with Panama City, FL heard on 107.9. The bad news is that no Es stations verified for me this year. Neil Zank

Bob Zent - 1835 Fruit St. - Huntington, IN 46750

Equipment: Pioneer TX-9800, with Channel Master model 4408 antenna at 40 ft.

10/22 tr			11/3 tr				
0630 WSAE	89.3 MI Spring Arbor g	90	2054 WOCH	106.1 IN North Vernon k	130		
10/26 tr			2130 WFTM	107.9 WV Huntington g	245		
2345 WUIC	88.1 IL Chicago 10w (WVPE off)	130	2144 WSTP	98.9 KY Paintsville r	270		
			2305 WHPW	89.9 WV Huntington j	245		
2345 WHTH	88.1 IL Winnetka 10w tent.	135	2317 WEHB	89.9 MI Grand Rapids d	145		
10/27 tr			2330 WBKV	92.5 WI West Bend m	220		
0010 WUIC	88.1 IL Chicago t	130	2340 WWHM	92.7 IL Arlington Heights	150		
10/31 tr				r, "Northwest 92.7 FM"			
0647 WRFT	91.5 IN Indianapolis r, 10w	90	2359 WKZH	96.9 IL Zion-Kenosha s/off	170		
11/2 tr			11/4 tr				
1345 WDTR	90.9 MI Detroit t	155	1337 KKSS	107.7 MO St. Louis s	305		
1407 WJML	98.9 MI Petoskey r	315		"Magic 108-FM"			
11/3 tr			1343 WRAY	98.1 IN Princeton	215		
0831 WUEV	91.5 IN Evansville r	235	1347 KSLQ	98.1 MO St. Louis r	305		
1709 WGRQ	96.9 NY Buffalo r	365	1356 KEZK	102.5 MO St. Louis m	305		
1759 WFFM	96.9 PA Braddock r	295	1359 KADI	96.3 MO St. Louis r	305		
1939 WLAP	94.5 KY Lexington r	210	1400 KWHU	90.7 MO St. Louis c	305		
1950 WKTC	93.9 KY Madisonville mr "94-KTG"	285	1700 WFFM	96.9 PA Braddock r	295		
			1738 WQED	89.3 PA Pittsburgh c	290		
2045 WAKQ	101.1 KY Russellville r	300	1754 WPEZ	94.5 PA Pittsburgh r	290		
2048 WITZ	104.7 IN Jasper	200		(new underlined - EST used)			

I hope this to be the first of many reports to this column now that I have a tuner with enough sensitivity to get out beyond the semi-locals.

Ralph Strobel - 2510 E. McGalliard Rd. - Muncie, IN 47303

Equipment: Heath AJ-1510, Winegard antenna w/rotor at 60 ft.

10/24 tr 0200 WYSO 91.3 OH Yellow Springs ex-91.5
10/31 tr 2123 WRKX 95.3 IL Ottawa o/WVTL (Total: 810)

When WYSO Yellow Springs, OH was heard on 91.3, rather than their usual frequency of 91.5, I called them. Sure enough, this station has changed to 91.3. WYSO is usually heard well here. I kept my tape deck recording and after one of many horrible "Rockabilly Songs of the 50's" the DJ announced: "Well, I had an interesting call a few minutes ago, uh, Ralph Strobel, uh, called me from Muncie, IN, uh, he's an instructor at Ball State University there and he's getting us loud and clear at 91.3 which is still at 2400 watts waiting on permission from the FCC - the FCC - to, uh, jack the power up to 10000 watts, but, uh, of course he has a large antenna, um, and he gets us good as it is, uh, wish we'd get some other individual listeners to show us..." (After all this bragging, WYSO completely faded out for ten seconds!) Then heard: "...at Ball State University, uh, specializing in the oboe, which is not, uh, an instrument that's used on every record, but he enjoys my program, even though, uh, we don't do much oboe music, but, uh, anyhow, getting back to my style, this is uh, Billy Jean Jones' first husband, uh, the great Hank Williams, uh, a song I had a request for several shows back and didn't happen to have the record with me, it's called Honky Tonkin'."

The previous DJ heard earlier that evening playing rock music remarked, "All you have to do is dial seven digits and can sound off to the Miami Valley - you're a fool not to take advantage folks - some people'd sell their left t----- to get on the air." Other "XXX" rated words heard and taped I best not print! 73, Ralph

MERRY CHRISTMAS TO ALL!

SOUTHERN · FM DX

Danny Buntin, editor
1312 N. Skyline
Stillwater, OK 74074

DECEMBER, 1979

DEADLINE, the 9th

NOT MUCH DX BUT A LOT OF ENLIGHTENING COMMENTS

The wild trop binges some of the Eastern DXers were on during September settled down sharply during October, making that month just another mediocre or worse period for DXing, evidenced in the lone report from the East where conditions "have taken a turn for the worst." To find the only hotbed for trop activity during October in the FM South, one would look in central Texas. Several good days were noted there, like the 8th and 9th, by two regular reporters. No E-skip reported in since September 1st.

With the few reports came a lot of interesting comments for this month. To help make up for the lack of DX, you'll find a behind the scenes look at an old Halicrafters SX-62, now retired from FM DX duties plus a mini-book review on RF radiation.

Randall B. Clark, Rt. 9 Box #231(Dutch Ridge), Parkersburg, WV 26101 EDT - Oct. 15-Nov. 2
Equipt.: Realistic STA-42 with a 3 ft. long antenna up 45 ft. AGL, five miles east of Parkersburg, WV. All loggings are tr. PH#: 1-304/422-2923

10/15
0129 WFMX 105.7 NC Statesville, weak
2103 WDJX 103.9 OH Xenia, in briefly

10/16
0159 WLMJ 97.7 OH Jackson

10/17
1135 WKKX 96.1 PA Pittsburgh
(plus Class A stns in VERY well!)

10/21
0200 WHKK 100.9 KY Erlanger, WQIT in at
2339 testing w/tones, etc.

10/28
2056 WQIT 100.9 is officially now on the air with live rock format. For the first week they didn't have any spots except for a Pitts Steelers game promo. They use the same slogan as WQIT 101.5, "QT-101".

10/29
1036 WXIE 92.1 MD Oakland, in w/EBS test & "wixie" slogan

11/2
1115 WFGH 90.7 WV Fort Gay

Hello everyone! Well, things have taken a turn for the worse after the "block-buster" month of September, '79. The opposite is true for the 30-50 Mhz frequencies!--hearing BOTH of the BBC-1 TV audio sound channels(41.5 and 48.25 Mhz)almost daily!

I, too, as well as Glenn Hauser, have a book well worth recommended reading when the bands are down, etc. Storm on the Sun, by Joseph goodavage on Signet Paperbacks, deals with the frightening aspects of "RF pollution" that is supposedly affecting the behavior of many of the Earth's animal population. Detailed are some unusual and unexplained actions taken by various animals such as millions of vaux swifts dive bombing California houses, whales trying to commit suicide by swimming onto beaches and herds of wild moose suddenly invading populated areas of Alaska, etc. The cause, more specifically, is apparently due to electromagnetic radiation in the frequency range of brainwaves, the type produced by power lines and heavy electrical equipment. However the author doesn't exclude the possibility of effects partially by radio-tv emissions. We have already seen what can happen with microwave bombardment. Comments out there anyone?

Turning to much more pleasant events, Paul Mount is having a DX gathering on November 23rd-25th in Nelsonville, OH at his residence. Of course I'll be there as well as a few other area DXers. There may be a report in the January WUD.

Here's to hoping that this winter's not as rough as the preceding ones!!!

Wishing the very best of DX!

73⁵ - Bang

Pat Dyer, 5315 Silvertip Dr., San Antonio, TX 78228 - Sept. 4 to Nov. 4 CDT
Equipt.: after Oct. 1, Realistic TM-1001 tuner fed into Allied 426(as the audio amp); Archer 6-el. antenna at 20 ft. with rotor. (new underlined)

10/2 (all tr)
0038 KIJF 105.1 TX Lufkin, ID 265
0050 WFMF 102.5 LA Baton Rouge, ID, r 450
0055 WXEL 105.3 LA Slidell, ads, "X-105"

0102 WAFB 98.1 LA Baton Rouge 450
0106 KVTT 91.7 TX Dallas, g 250
0147 KIOC 106.1 TX Orange, "K-106", ads 295
0120 WEZB 97.1 LA New Orleans, ID 510

10/2 (all tr)		10/8		
0120 KWIC	107.7 TX Beaumont, ID	275	0451 WTYX 94.7 MS Jackson, ID	525
0126 WYNK	101.5 LA Baton Rouge, ID	450	0621 WYLD 98.5 LA New Orleans, ads, ID	510
0129 KQXY	94.1 TX Beaumont, ID	275	0625 WWNO 89.9 LA New Orleans, ID	
0134 KTDY	99.9 LA Lafayette, ID	395	0635 WCKW 92.3 LA La Place, ID	495
0202 KGRA	103.7 LA Lake Charles, ID	325		
10/8		10/12		
0243 WFMF	102.5 LA Baton Rouge, town ID		0317 WYLD 98.5 LA New Orleans, ID	510
0257 WEZB	97.1 LA Bew Orleans, ID	510	0323 WEZB 97.1 LA New Orleans, ID	
0302 KSNS	96.1 LA Lake Charles, ID	325	0335 WAFB 98.1 LA Baton Rouge, ID	450
0310 WRNO	99.5 LA New Orleans, ID	510	0537 KSLI 96.9 LA Alexandria, ID	385
0316 KQXY	94.1 TX Beaumont, ID	275	0539 WQMV 98.7 MS Vicksburg, local ad	495
0324 KIOC	106.1 TX Orange, area ad	295	0540 KOOI 106.5 TX Jacksonville	260
0359 KLUF	105.1 TX Lufkin, ID	265		
0400 WXEL	105.3 LA Slidell, ID	530	10/13	
			0203 KRLG 98.1 OK Lawton, ID	355

A lot of trop in the month due to the unusually high temperatures (90's in October down here are even somewhat rare) and tranquil weather (i.e., no storms/rain, etc.) Attempts at Ms with the Orionids were frustrated by the strong in-state trop conditions, with the only really clear zones in the 88-92 area which are hard enough to ID by any mode. Might try again with the Llionids and most certainly with the December Geminids.

As you may notice, I acquired a new main piece of equipment, i.e., the TM-1001 tuner. This was done after searching a lot of specs (back thru 1973 catalogs). I was just about to get a Heathkit AJ-1219 when the close-out sale on the TM-1001 showed with a lot more features and specs, already built, and a lot cheaper.)

OPERATION OF THE OLD SX-62 IS DESCRIBED

For the benefit of those who might have been wondering what that SX-62 I've been using as a mainstay since 1974 is, here follows: A late 1940's early 1950's vintage tube set (apx 19" w, 15" d, 9" h, all steel chassis, with 6AK5, 7F8, 6SG7, 6H6, etc., pair of 6V6's audio output, VR tube and a 5U4GB for the power supply) that covers, in six bands, from 540 kHz to 108 MHz (last two bands are AM/FM choice). Yes, it does tune thru Ch. 2-6. In fact, the last band is 54-108. Thus, 88-108 ended up as about 3" of dial that took about seven turns of the tuning knob to cruise thru--thus my cal. marks were like 88.5, 89.5, etc.--life can be easier. The SAX-1 preamps (see magazine ads) were for apx 88-98 and 98-108 (one wouldn't cover it all) with three switches to throw (input/output/power) to change them. Also, the slug-tuned coil had to be adjusted even within those two ranges to peak (i.e., a lot of difference from 88 to 94). I also had a variable capacitor/choke preselctor tuning (series resonant) to reduce the local overload on the bi-polar transistors. The amps had to be feed thru a balun as their inputs required it. The discriminator detector (ratio detectors came later) transformers (as well as an i.f. coupling unit and the i.f. cans themselves) had to be adjusted a lot for best fidelity/selectivity/selectivity (which never seemed to coincide). Selectivity was one of the big factors (compared to the other solid-state units I'd tried) the SX-62 was kept on line. An SCA jack and unit were installed though only used very seldomly on locals and never on DX. As the SX-62 was also used for 30-50 MHz monitoring (FM limiting so poor it was good for BBC and French TV audios, etc., though the wide-band i.f. made for lousy selectivity on that band) the i.f. cans, etc., had to be adjusted differently for best performance there, things did get hectic. So, for all of those who have only known the likes of the modern solid-state tuners/receivers (AJ-15's, etc.) you really don't know what you've missed, hi. (Or fully appreciate what you've got!).

So far, the TM-1001 seems to combine the best of the SX-62 (selectivity) with a lot simpler tuning, sensitivity, and fidelity and it is nice to have a meter. Now for an Es opening.... 73, Pat WA5IYX

SEASONS GREETINGS

As editor of Southern FM DX, I would like to extend my warm felt wish to one and all WTFDAers for a Merry Christmas and a very happy and productive new DXing year, 1980!

MORE DX CONTINUED.....

Danny

Rick Sanford, 404 S. McNeill, Burnet, TX 78611 - Oct. 5 to Nov. 5 CDT

10/7 tr
0846 KFXI 100.7 TX Mt. Pleasant, ID, wx
(Long sought, c/KASE; heard w/TX State Net.
nx at usual :55 time. 250

10/8 tr
0845 KXYV 106.7 MS Vicksburg, promo 460
0857 WTYX 94.7 MS Jackson 500
(Received too easily to be reported normally, but noted here since station went off air for xmtr maint.--TX FMs, especially KHLB, need to do likewise during these morning sessions.)
0904 KMAR 95.9 LA Winnsboro 405
0913 WZVY 100.7 LA Baton Rouge 435
0920 WMDC 100.9 MS Hazelhurst, ad, end 480
of "Community Bulletin Board" noted at 0936.
0926 WKBM 102.7 FL Milton, ads
0932 KHOM 104.1 LA Houma, ad 470
0940 WRPM 107.9 MS Poplarville 530
0945 WCCA 94.1 MS McComb, ID 475
0953 WCKW 92.3 LA Laplace 480
0958 WBYU 95.7 LA New Orleans 500
1005 WQMV 98.7 MS Vicksburg, ad 560
1010 WTGI 103.3 LA Hammond 475

10/9 tr
0044 WLWI 92.3 AL Montgomery, prev. by 710
Es, wx, ABC nx, "I-92" slogan later

10/9 tr
0049 WBAM 98.9 AL "Montgomery's Great 98"
0116 WQNZ 95.1 MS Natchez 420
0131 WQJB 107.3 FL Pensacola, ID, wx 665
0745 WCKW 92.3 LA Laplace, ad 480
0800 WQNZ 95.1 MS Natchez-Vidalia LA ID
0828 WBHM 90.3 AL Birmingham 705
"Community Calender" w/concert, etc., info.
0850 WBAM, 98.9 AL Montgomery, ad 710
"The Big Bam and The Great 98"
0851 WAQT 94.1 AL Carrollton, ad 630
"The AlaMiss Music Leader," "Q-94"
0854 WMAZ 99.1 GA Macon, wx 870

10/17 tr
0749 KYOT 106.3 TX Refugio, now on air, 175
\$, k, "Coyote" slogans (not IDs), TSN nx.,
heard w/SS in evening till 0000 s/off, but
unsure of start time. **

10/27 tr
0105 KHOM 104.1 LA Houma, s/off 470
0130 WBYU 95.7 LA New Orleans, "Bayou \$ wx"
0134 WWL 101.9 LA New Orleans 500
0200 KAJN 102.9 LA Crowley, g 365
0826 KBIM 94.9 NM Roswell 410

**For those not familiar with TX towns, the
g in Refugio is pronounced as an "r".

Also tr to the east into Jackson, MS. Having the band open over this wide east-west path is not unusual even with these mediocre openings.

Shortly after WMAZ's legal ID at 0902 on 10/9, the out of state trop began to suddenly disappear, with the cool front arriving shortly before 1100. KNAF 101.1, Fredericksburg, TX now KPAN, still n.

+++++

STATION BREAK

c/o Bill Thompson
1907 Seneca Street
Buffalo, NY 14210

WTFDA member ads only. 3 line or 30 word limit.

WANTED - Manual, specs, schematic or any info on "National HRO" circa 1934. Will pay reasonable price. Would like to hear from any "HRO" owners. I have the rig, but lack knowledge on this model. Robert S. Ross, Box 4373 Stn. C, London, Ontario, CANADA N5W 5J2.

TRADE - Please help! Need recent TV GUIDES from most areas. Will trade on equal basis my New York City edition for one of your area TV GUIDES.
Ian Myers, 14 Lloyd Lane, Nesconset, NY 11767.

FOR SALE - Bearcat Four-Six 6-channel pocket scanner with lock out switches, telescopic antenna, four crystals, and a GE AM/FM dual speaker radio. \$200 both. Edward R. Houchins, Box 142, 137 W. North St., Miantic, IL 62551.
Telephone: (217) 668-2510.

Your non-commercial ad can appear in the VUD free of charge! Got a piece of gear you'd like to sell? Looking for something? Advertise in STATION BREAK.

QSL CORNER

Thomas J. Yingling, jr.
221 Pinewood Road
Baltimore, MD 21222
Deadline: 10th
Phone # 1-301-282-5649

FM-OSL

- AZ KMCR 91.5 Phoenix, Very specific letter in 2 weeks from Bill Shedd, Ops. Said previous best distance was eastern Texas. Wood
- CO KOAO 103.5 Denver, P. O. Box 5012, 80217. Send only a qsl card of KOA-850khz am, no notation of KOAO-FM on it. Reply in 8 days. First qsl from skip above 100mhz. No signer. Clark
- KLMR 93.3 Lamar, P. O. Box 890, 81052. Send form letter with date typed in, signed by Gerry Gibbs, CE. Clark
- KTCL 93.3 Fort Collins, P. O. Box 2204, 80522. Nice letter from John Voorhis, Promotional Dir. Reply in 13 days. First qsl from Colorado. Clark
- ME WMGX 93.1 Portland,, letter, rate card & calling card in 1 week from John M Goran, Station Manager. Says my report is "one of the first from out of state in almost 3 years of operation." Wood
- NY WADV 106.5 Buffalo, 2200 Rand Bldg, 14403. Letter from Rick Lesniak, Prog. & GM. Reply in 15 days with no return postage. Said mine unusual as is out of map, & ask if heard them regularly. Chernos
- WGSU 89.3 Genesco, State University of Arts & Science, 14454. Letter back in 54 days from L. Rob't Freiburger, Dir. of Instructional Resources, ~~Chernos~~
- ND KKDO 92.9 Grand Forks, 58201. Letter from Dave Schroeder, CE. Elving
- NC WPGT 90.1 Roanoke Rapids, Letter, gospel tract & program guide from Marvin E. Faile, Pastor, First Baptist Church (which operates WPGT) who says "without a doubt this is the most distant reception we had reported. 785 miles, what a phenomenon!" Wood
- OH WKFI 102.3 Wilmington, P. O. Box 1, 45177. Short letter from Dave Walker, GM who says "it's always nice to hear from a listener." Reply in 5 days. Clark
- WIRO 100.9 Waverly, Box 227, 45690. Brief to the point letter from Tyrone Henry, General Manager, Clark
- WLOR 101.5 Toledo, letter in a folder form from Rick McDonald, Program Director. Reply back in 2 weeks. Yingling
- WNCI 97.9 Columbus, 4900 Sinclair Rd, 43229. Letter, coverage map & T-shirt from Marsha Spencer, Asst/Promotion. Yingling
- PA WPTG 90.3 Lancaster, Lancaster Bible College, 780 Eden Rd, 17601. Post card from Peter A. Loken, Mgr. Reply in 1 month & 1/2. Yingling
- SD KELO 92.5 Sioux Falls, letter from Dawn Walton, FM Sales. send 2 cm's, sked's, station list without return postage. Chernos
- TX KAMA 93.1 El Paso, specific letter in English for report is mixed Spanish & English, in 1 week from Hollis W. Duncan, Tech. Dir. Said my report was by far most distant for FM & invited me to try to catch AM also. Wood
- KJCS 103.3 Nacogdoches, P. O. Box 1111, 75961. Letter & bumper-sticker from Robert Hill, General Manager. Reply in 29 days. Yingling
- KUT 90.7 Austin, University of Texas at Austin, 78712. Letter from Howard L. Lenett, Asst. Program Director. Reply in 1 1/2 weeks. Yingling
- WI WGGG 99.3 Waupun, 609 Home Ave, 53963. Letter from Michael W. Moran, CE Eddie
- WIXX 101.1 Green Bay, 115 S. Jefferson St, 54301. Letter from D. E. Wright, GM, Eddie
- WZEE 104.1 Madison, 5721 Tokay Blvd, P. O. Box 8030, 53708. Letter from Chief Engineer Sherm Sterm. Eddie
- WLPX 97.3 Milwaukee, P. O. Box 402, 759 N. 19th St, 53201. Letter from Chief Engineer Robert P. Johnson. Eddie
- WYMS 88.9 Milwaukee, Friendly letter from Guy Morrison, CE, who mentions they have 87 & 41khz sea authorizations, but have been used very short times so far. Elving
- WEMI 100.1 Menasha, P. O. Box 100, Menasha, WI 54952. Letter from Peter L. Thorpe, CE says. "Your report is not only the farrest to date, but the first to date!" Elving
- KSJN 91.1 St. Paul-Mpls, 400 Sibley St, St. Paul, 55101. Letter, bumper-stickers, coverage-map & a copy of Minnesota Monthly, from Nicholas Nash, Vice President/Programming. Yingling

Reporters are this time: Richard Wood, Randall Clark, Saul Chernos, Bruce Elving, Richard Eddie, Tom Yingling-Editor. Again I ask my reporters to include with there report the station mailing address with the name of the signer. Please help others in this way. '73's

Tom

C.C.I. [UNIDENTIFIED DX]

Scott Levitt
3132 Woodland Ave.
S. Plainfield, NJ
07080
deadline: the 5th

December, 1979
TV unID's

Paul Gaines, C.P. Cleaning, 15920 Puritan St., Detroit, MI 48227
1979 unID's

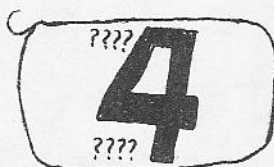
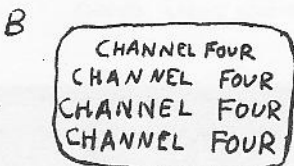
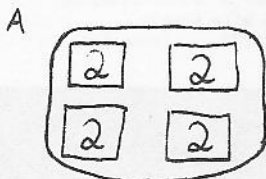
- Sat Jul 21 ch 5 Es 2100 EDT-- "Upstairs, Downstairs" type program, PTA FL area (not WUFT? -SL)
- Sun Aug 12 ch 2 Es or Tr 0415-0515 EDT-- "Love American Style" PTA:SE no ads or id's Canada also suspected
- Sat Sep 22 ch 2 Au 0335 EDT-- movie or short drama, sign off at 0416 possible "K" call (see drawing A)
- Tue Oct 9 ch 4 MS 0314 EDT-- (see drawing B)
- Wed Oct 17 ch 4 MS 0358 EDT-- (see drawing C)
- Wed Oct 17 ch 4 MS 0300 EDT-- (see drawing D)

FM unID's

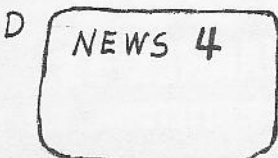


Peter Sawatzky, R.R. #4 Guelph, ON N1H 6J1
1979 unID

Between 2300 on Oct 2 and 0814 on Oct 3, the following MS burst was recorded: (because of the automatic FM scanner Pete uses, exact time and frequency are unknown) "... transmitter link WBB453 on the assigned frequency of..."



Calls seen in both places indicated at different times



I still need 1979 TV Guides, and if I don't get them before I type next month's column, I will run all the unID's from last summer so maybe there will be a chance of identifying some of them.

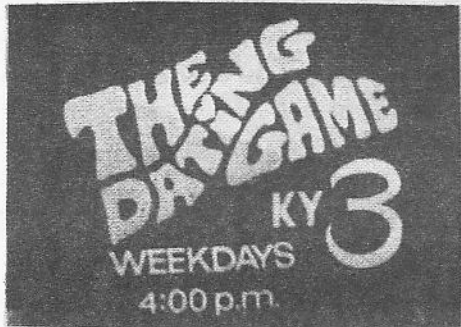
Good DX to all,
Scott

PHOTO-NEWS

Jim Alexander
4 Brook Court
Parsippany, NJ 07054

December, 1979

This month, we have two pages of TV-DX, contributed by 9 DXers. Most noteworthy is Bill Grant's photo of CBCT-13, Charlottetown, Prince Edward Island, Canada. This photo is not only our first look at a station from PEI Canada, but is a tropo catch of nearly 500 miles as well!



KYTV- 3 Springfield, MO
895 mile E-skip (Combs)



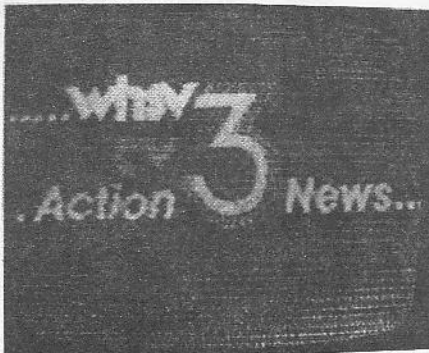
WFBC- 4 Greenville, SC
825 mile E-skip
5/28/73 (Petosky)



CBCT-13 Charlottetown, PEI
495 mile tropo
10/28/75, 0759 EST (Grant)



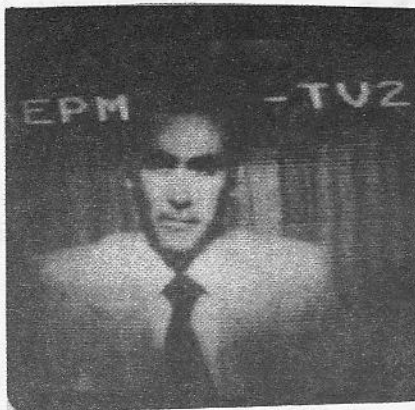
WMBD-31 Peoria, IL
345 mile tropo (Gaines)



WHSV- 3 Harrisonburg, VA
720 mile E-skip (Combs)



WCBI- 4 Columbus, MS
E-skip (Barber)



XEPM- 2 Ciudad Juarez, CH Mexico
E-skip (Shults)



KXLY- 4 Spokane, WA
E-skip (Pizzi)



WJBK- 2 Detroit, MI
725 mile E-skip
6/3/79, 0600 CDT (Boehl)



WSFA-12 Montgomery, AL
380 mile tropo
5/22/79 (Combs)



WCKT- 7 Miami, FL
270 mile tropo
7/1/79, 0900 EDT (Thompson)

Contributors:

- John Combs, Orlando FL
- Paul Petosky, Munising MI
- Bill Grant, Worcester MA
- Paul Gaines, Detroit MI
- John Barber, Carolina RI
- Marv Shults, Toulon IL
- Jim Pizzi, Orcutt CA
- Leo Boehl, Grand Island NE
- Wayne Thompson, Silver Springs FL

Wishing a joyous holiday season to all...

WESTERN TV-DX

Fred McCormack
Box 5221
State University Sta.
Fargo, ND 58105

December 1979

Deadline: 5th

We have three reporters this month. Reports from Oklahoma and Texas indicate very fine tropo conditions in parts of September and October. The fall tropo season up here was nonexistent. Absolutely no DX has been noted here except for the return of F2 skip from Europe.

New _____ New Mode _ _ Tentative - t Unidentified - unid

John F. Anderson, Box 186, Lowe Farm, Manitoba ROG 1EO (204-746-8887) CDT?

Equipment: Delhi 1057 @ 64 Ft., CM Amp, Traps

May 1979

9 Es 1830	KMIDt 2 TX 1233	22 Es 0038	WSB 2 GA 1270	3 Es 2000	KAID 4 ID
	KJAC 4 TX 1344		(MUF FM band)	7 Es 1800	WTVY 4 AL
	1900 KETS 2 AR 1045			1900	WCBI 4 MS
10 Es 1900	ch4, tent. Miss.	2 Es 1737	WRAL 5 NC 1317	1900	WSB 2 GA
11 Es 2000	KDFW 4 TX 1140		WFMY 2 NC 1266	2200	KING 5 WA 1150
	KXAS 5 TX 1140	1750	KDKA 2 PA 1041	10 Es 2200	KDBC 4 TX
23 Es 2200	XEPM 2 CH 1300	1800	WRC 4 DC 1123		XEJ 5 CH 1300
2355	XEJ 5 CH 1300	9 Es 2000	CBFT 2 QU 1127	12 Es 2340	KQTVt 2 MO
		12 Es 1800	WSJK 2 TN 1050		(MUF ch 5)
<u>June 1979</u>		16 Es 2200	KXAS 5 TX 1140	2355	KPRC 2 TX
5 Es 2000	KENS 5 TX 1380	20 Es 1353	WUND 2 NC	16 Es 0109	KOTI 2 OR
	KMOL 4 TX 1380	1400	WMAA 2 MS 1185	17 Es 0045	WMAA 2 MD
21 tr 2200	KELO 11 SD 405	24 Es 2200	KJAC 4 TX	21 Es 2233	KMOX 4 MO
	KSFY 13 SD 405				

July 1979

August 1979

September 1979

3 tr 2030 WEAU 13 WI 448

Doug Everitt, No. 2 Highpoint Park, Enid, OK 73701

CLT

August 1979

31 tr 2230	KHIN 36 IA 340	8 tr 0330-0600: slept		8 tr 1200	WAAyt31 AL 660
<u>September 1979</u>		0600	KFVS 12 MO 470	1205	WZTV 17 and
1 Es 1855	KVOA 4 AZ		WFIE 14 IN 590		WTVK-26 still stable.
1900	KTWO 2 WY	0615	KCBJ 17 MO 350	1300	f/outside...
	(MUF ch6 @ 1905)	0620	WTVO 17 IL 620	9 tr 1020	KRIV 26 TX 480
1959	KID 3 ID	0625	KLAA 14 LA 430		KHTV 39 TX 480
4 tr 0820	KHIN 36 IA 340	0640	WIFR 23 IL 620	1035	KCBJ 17 MO 350
8 tr 0128	KCBJ 17 MO 350	0645	KDIN 11 IA 430	11 tr 0000	K33## NE (ETV)
0130	WAND 17 IL 540		KYIN 24 IA 530		KYNE 26 NE 350
0135	WMTV 15 WI 640		KHIN 36 IA 340		(both w/sign off)
0140	WNDU 16 IN 730	0655	WAPTt16 MS 530	0005	KBIN 32 IA 350
0145	KPLR 11 MO 450	0705	KDNL 30 MO 450		KHIN 36 IA 340
	WIGS 20 IL 510		WEEK 25 IL 530		(both with c/b)
0210	WRAU 19 IL 530	0715	WRAU 19 IL 530	24 tr 1850	WMAV 18 MS 500
0235	WEEKt25 IL 530	0729	WKPT 19 TN 840		WPTY 24 TN 470
0238	WPTY 24 TN 470	0735	WTVK 26 TN 760	1930	WKNO 10 TN 470
0242	K36AB Lawton OK	0740	WMBD 31 IL 530		KAIT 8 AR 410
(xltnig WIBW-13!!)		0750	KTEJ 19 AR 410	2100	KTEJ 19 AR 410
WIBW like a local...		0755	WZTV 17 TN 600	2203	WMAO 23 MS 490
0250	WLKY 32 KY 670	0807	WTCIt45 TN c/b	2245	KLAA 14 LA 430
0300	WABG 6 MS 490	0835	WEHT 25 IN 590		WZTV 17 TN 600
		0845-1130:	slept		WHBQ 13 TN 470
		1150	WMAV 18 MS 500		

Es of September 1st was a pleasant surprise, but the highlight of the month was definitely the long-awaited tropo. I'm not sure when the opening of September 8th actually started, as I was out until after 1am, and was startled to find KCBJ-17 snowfree when I turned the set on. K36AB in Lawton, which normally translates KETA, was carrying WIBW due to the intensity of their signal, some 300 miles distant from the xltr site. WABG-6 was a definite surprise, especially considering the condition of my low band system. Traces of WTVK-26 were seen as early as 0635, but nothing really identifiable was seen until 0735. Both WKPT-19 and WTVK-26 were very stable throughout the morning, with very little of the signal fluctuation seen on stations in the 300 to 500 mile range. Both were quite watchable, especially WKPT. WXIV-17 was also one of the better signals of that morning. The color bars which I spotted on ch 45 at 0807 peaked up on Chattanooga, and the other possibilities are somewhat unlikely, barring an odd xltr. Fade-outs were fairly uniform between 1215 and 1300, with WZTV and WTVK the last stations to go

Doug Everitt (continued)

in the over-300-mile category. I was expecting (and hoping) conditions would pick up again in the evening, but even the regular troposcatter was down, and no sign of anything beyond 300 miles was seen at all. The morning of the 9th brought a spurt from Houston and KCBJ. I caught a new xltr around midnight on the 11th, in the form of a ch 33 xltng NETV, apparently with KUON-12 as its primary. The only other DX activity noted in September was on the 24th, with a few stations in the 400-600 mile range coming in nicely.

KOKH-25 in Oklahoma City is back on the air as a full-time independent station, but so far, they still have low power and a short tower. Signal is poor here in Enid. 73 & the Best of DX = Doug

(The above report was received too late for publication in November. Doug sent a note adding to the above. He noted no DX during October, but has been watching new KGMC-34 Oklahoma City with un-nullable signals in Enid. He says it should make a very good tropo target. fm)

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228

CST

Equipment: 1976 model 9-inch black & white Penncrest; Archer V-100 and 8-bay bow-tie UHF array at 20 feet with rotor.

October 1979

	8 tr 0510 WGN0t26 LA 510	12 tr 0445 KLFY 10 LA 395
1 tr 1003 KIDZt24 TX 305	0515 WAPtt16 MS 525	KPLC 7 LA 325
6 tr 0559 WGN0t26 LA 510	KLAAt14 LA 430	0457 WGN0t26 LA 510
	WRBT 33 LA 450	0510 WAPtt16 LA 525
0629 KLA 14 LA 430	0517 WMAH 19 MS 570	0543 WMAU 17 MS 470
0659 WAPT 16 MS 525	0521 KLFY 10 LA 395	WMAH 19 MS 570
	9 tr 0038 WJTV 12 MS 525	0612 WRBT 33 LA 450
	0348 KNOE 8 LA 440	0625 KTAB 32 TX 220
	0457 KPLC 7 LA 325	0630 WLPB 27 LA 450
Es 1135 KTW0t 2 WY 1015	WAFB 9 LA 450	13 Es 1205-1220 unids 2,3
1150 KWGnt 2, CO 810	0458 WTV 9 MS 665	north east sharp MUF
1230 f/out	WAPtt16 MS 525	24 Es 1835 unids 2 nw
8 tr 0010 WAFB 9 LA 450	(AL,GA? unids 36,38,42)	1845 KUTV 2 UT 1080
0014 KTR 9 TX 265	Es 1810-1950 YSR 2 1200	1915 ? ch2 xltr CCI?
0400 KNOE 8 LA 440	1830 YSU t 4 ES 1200	2020 KORK 3 NV 1050
	TGV t 3 GU 1120	2040 KTVKt 3 AZ 835
0428 WLOX 13 MS 570	11 tr 1050 KETst 2 AR 515	2055 KOAIt 2 AZ 855
0437 KPLC 7 LA 325	12 tr 0115 WVUE 8 LA 510	2159 KHXt 2 CA 1190
0510 KATC 3 LA 395	0337 WAFB 9 LA 450	2220 apx f/out
KFDM 6 TX 275	0445 WDSU 6 LA 510	ES=E1 Salvador GU=Guatemala

Some very good trop in October, caused in large measure by the consistently higher than average temperatures (along with the lack of turbulent wx, rain etc.)

The UHF tuner in this set still seems to lack the performance that the one in the 1971 (tube chassis) model did - and that detent feature now incorporated makes quick-sweep checking on UHF a chore (it isn't worth the advantage of knowing which ch you are on if it takes so long going back and forth from 14 to 45).

The evening opening of Es to the south on the 9th did link on 50-MHz with TE modes into Argentina.

On the F2 modes, I did finally get some results from direct feed (with a pre-amp) into the I.F. strip for BBC-1, ch B-1. (I'd tried this without much luck last Feb). Really had to twist the horizontal hold control for sync. Of course, video was negative (so the vertical blanking bar was white) but a lot of CCI beats and some faint suggestions of human outlines were noted. (This was mostly done on Oct 30, 0900-1200 cst). As I don't relish having to rip the cover off the main TV-DX item (and unplug tuner cable feed etc.) I'm going to try to get this system working on the I.F. strip in the 1971 model (the tuner on it has pretty well had it mechanically). 73, Pat, WA5IYX

Fred McCormack, Fargo, ND 58102

CST

I have seen nothing since the last column. I believe MS has been good some days, but I don't think I have a big enough antenna to seriously go after it. It takes a lot of time and patience. F2 has been noted on November 3 at 1027 with both British and French. I would like to try for video in the manner that Pat describes, but I haven't built my pre-amp yet, and I don't know if I will get around to it.

EASTERN TV-DX

Robert Kramer
3406 W. Pierce
Chicago, IL 60651

DECEMBER 1979

DEADLINE: 24

LllamasLllamasLllamasLllamasLllamasLllamasLllamasLllamasLllamasLllamasLllamasLllamasLllamasLllamasLllamasLllamasLllamas

The reason for the 24th deadline is that I may be moving without notice around the 1st of the year. I hope to do the column before I move, since it will be a period of disorganization. I also may have to resign as Eastern TV DX editor, as the reason for my move is that I have been offered a position as a research assistant at Southern Illinois University-Carbondale. I will accept the position if I am granted admission into the Graduate School (something I probably won't find out until after I type the January Eastern TV column). I hope that someone will step forward that can take over the column on short notice, as I don't feel I can handle the column and graduate school. Even if I don't go back to SIU, a move is in the near future, so some reports may get delayed. It may be wise to mail them a little earlier than usual.

Some reports from the great tropo of September continue to trickle in. Michael Hollis has some good tropo loggings in excess of 600 miles, as does Fred Nordquist. Frank Merrill (welcome back to Eastern TV, ed.) reports tropo from practically everywhere in the western hemisphere, including: IA, AL, LA & TX. There also have been several good days of F2 activity (of course these are the days your editor forgot to check, hi).

Michael P. Hollis 3623 Spanish Trace Dr. Nephzibah, GA 30815 (EDT)

July		August	
2 Es 1745	KFDX-3 TX 980	15 Es 2300	KFDX-3 TX 980
1800	KTBS-3 LA 710	17 Tr 0552	WCEA-27 FL 250
	KDFW-4 TX 890	20	0500 WFIA-8 FL 400
1805	KMTV-3 NE 970	20 Es 1201	CKCY-2 ON
1807	WMT-2 IA	21 Tr 0550	WSP-10 FL 400
1831	KUSD-2 SD 1100	Ms 0609	WCBS-2 NY 700
3 1630	CBHT-3 NS 1300	Es 1230	WJMN-3 MI 930
5 Tr 0634	WJHG-7 FL 320	Tr 1330	WSJK-2 TN 240
0635	WTVC-9 TN 220	Es 1922	KDBC-4 TX 1480
0700	WJXT-4 FL 215	1930	KBTX-3 TX 900
1030	WDHN-18 AL 255	2200	KJAC-4 TX 760
Es 2258	XHRIO-2 MX 1100		KPRC-2 TX 860
2315	KTBW-2 OK 840	2230	KIII-3 TX 1040
6 Tr 0501	WFTV-9 FL 340	24 1630	CMBF-4 CUBA 700
0509	WNCT-9 NC 300	1800	WBAY-2 WI 860
0530	WITN-7 NC 325		CKPR-2 ON 1130
0531	WDBO-6 FL 340		KDLH-3 MN 1100
0535	WBEZ-6 NC 240	1830	KTCA-2 MN 1030
0613	WRAL-5 NC 250	2300	KTIV-4 IA 1030
0623	WTVF-5 TN 320		KUSD-2 SD 1100
0625	WRCB-3 TN 220		KDLO-3 SD 1170
Es 1830	KMID-2 TX 1200	27 1754	WLEZ-2 ME 1100
	KWAB-4 TX	2130	KNOP-2 NE 1090
1900	KFDX-3 TX 980	2200	KSMB-4 NE 1030
	KENW-3 NM 1270		KLNE-3 NE 1130
1930	KAMR-4 TX 1180	28 Tr 0700	WCYB-5 VA 210
1600	CHFD-4 ON 1130	Es 2000	CKPR-2 ON 1130
1700	CKPR-2 ON 1130		CHFD-4 ON 1130
1900	KMID-2 TX 1200	29 2000	KTCA-2 MN 1030
2030	KENW-3 NM 1270		KMTV-3 NE 970
2100	CHSO-3 ON 1080	31 2300	KNOP-2 NE 1190
8 Tr 1200	WCYB-5 VA 210		KTWS-3 CO 1300
10 Es 1912	KCKT-2 KA 1025	<u>August</u>	
1930	WDAF-4 MO 825	2 Es 1730	CBFT-3 FL
	KARD-3 KA 930		WEMS-5 OH 580
	KOCO-5 OK 925	1830	WSYR-3 NY 770
2Es 2130	KCRL-4 NV 2200	1900	CBOT-4 ON 930
Es	KAMR-4 TX 1180	5 Tr 0630	WTOG-44 FL 400
14 Tr 0542	WLTN-12 FL 220	7 Es 1700	WLEZ-2 ME 1100
0600	WFTV-9 FL 340		WJMN-3 MI 930
0643	WJCT-7 FL 220		1717 WTMJ-4 WI 770
0600	WUFT-5 FL 260		1730 CKPR-2 ON 1130
	WQJB-20 FL 220		1800 CHFD-4 ON 1130
15 Es 1602	XEZ-3 MX		1830 WCVB-5 MA 900
2030	KGFT-4 TX 1100		WABI-5 ME 1100
2100	KIII-3 TX 1040		1832 WCAX-3 VT 930
2200	KMOL-4 TX 1050		1848 WCBS-2 NY 700
	KMID-2 TX 1200		1900 WGBH-2 MA 900
		7 Es 1900	KUSD-2 SD 1100
			KDLO-3 SD 1170
			1930 KDLH-3 MN 1100
			2000 KTEW-2 OK 840
			2100 KMOL-4 TX 1050
			KTXT-5 TX 1180
			2138 KGFT-4 TX 1100
			2156 KDFW-4 TX 890
			2200 KMID-2 TX 1200
			2330 KPRC-2 TX 860
			1930 KUSD-2 SD 1100
			1932 KTBS-3 LA 710
			2000 KFDX-3 TX 980
			KDLH-3 MN 1100
		2030	KCKT-2 KA 1025
			KARD-3 KA 930
			2100 KAMR-4 TX 1180
			KTVA-4 TX 920
			2130 KENW-3 NM 1270
		14 Tr 0539	WJMT-5 OH 400
			WTVF-5 TN 320
			0603 WSIS-10 VA 300
			0729 WDRB-41 KY 400
		15 Ms 0537	WJBK-2 MI 650
		Es 0630	CKGO-2 ON
		16 Ms 0540	CKGN-2 ON
		Es 2100	WLEZ-2 ME 1100
			2130 WCAX-3 VT 930
			WGBH-2 MA 900
			WCBS-2 NY 700
		18 Tr 0644	WSM-4 TN 320
			0648 KAIT-8 AR 540
			0800 KNOE-8 LA 610
			1030 WPTV-24 TN 500
			1130 WAFB-48 AL 280
		21 Es 1830	WKTU-2 NY 800
			CBFT-4 FL
			2030 CKGN-2 ON
			2032 WGR-2 NY 700
		22 Tr 0630	WJHL-11 TN 210
		26	0655 WCYB-5 VA 210
			0730 WTVF-11 NC 250
			0800 WHPC-15 VA 400
			WGBZ-23 VA 400
		28 Ms 0540	WGR-2 NY 700
		<u>September</u>	
		10 Tr 0551	WTVN-6 OH 480
			0555 WHDG-7 OH 470
			0602 WOTV-8 MI 710

Michael P. Hollis cont'

September

10 Tr 0607 WEWS-5 OH 580
0617 WLKY-32 KY 400
0620 WAVE-3 KY 400
0621 WUHQ-41 MI 670
0629 WCMH-4 OH
0640 WKBD-50 MI 650
0648 WWTY-9 MI
0652 WKYC-3 OH 580
0658 WKEF-22 OH 470
0700 WILX-10 MI 650
0703 WDRB-41 KY 400
0707 WCFO-9 OH 430

10 Tr 0712 WGN-9 IL 680
0714 WISH-8 IN 510
0715 WBAK-38 IN 530

October

1 Tr 2200 WTCl-45 TN 220
WRIP-61 TN 220
2230 WCLP-18 GA 200
WAFP-48 AL 280
WAAV-31 AL 280
2400 WMFE-24 FL 340
2 0521 WAVY-10 VA 400
0540 WYAH-27 VA 400
3 2300 WSVN-47 VA 240

8 Tr 1000 WTOG-44 FL 400
9 0530 KNOE-8 LA 610
WBRC-6 AL 290
0600 WAPB-9 LA 595
0606 WCOV-20 AL 260
0615 WDHN-18 AL 260
0629 WAAY-31 AL 280
0638 WHNT-19 AL 280
0659 WSlA-8 AL 300
13 0730 WCOV-20 AL 260
WKAB-32 AL 260
0800 WVUE-8 LA 540

"This is my first report from my new location here in GA and will probably be my last since I'll be leaving in December. I've been here since the 2nd of July and have logged over 200 stations. Of the 200 about half are photographed and a $\frac{1}{4}$ QSLed. Not bad for 4 months but the newer ones will be hard to get. My location is good because its above average terrain. Es this summer were fairly good but disappeared after about the 10th of Aug. Several tropo openings but only one super duct on 10 Sept with the farthest station WOTV-8 MI at 710 miles (WTVT should be farther than this, ed.). In this report I've only included stations greater than 200 miles since most stations within 200 miles are regular. F2 is under way and have been receiving BBC1 on 41.50 and French TV on 41.25 everyday since 15 Oct."

Edward R. Cotton 4106 2nd St Chesapeake, VA 23320 (EDT)

"Well the summer DX season has come and gone. More Es this year were noted than last, but not as good as it should have been. Tropo made up for it here. Some of the most intense tropo ever seen here in late May and early June. WNET-13 Newark, NJ and WJAR-10 Providence, RI were seen through our locals at times. Our local transmitters are only about 6 mi away. One local note WTVZ-33 Norfolk, VA aired on Sept. 24 at 6 AM 1+ broadcasts from 6 AM till midnite w/full power, 5 million watts. A good tropo station for east coast DXers.

May
10 Tr 2342 WWLP-22 MA
10 Es 2000 KETS-2 AR 11 0220 WCBS-2 NY
30 1930 WNGE-2 TN 0234 WTVG-68 MA
June
2 Es 2100 KCKT-2 KA 28 Es 2130 KTVI-2 MO
3 Tr 0623 WTNH-8 NH 29 Tr 2230 WVIT-30 CT
0734 WNET-13 NJ 2301 WLIW-21 NY
0800 WHYY-12 DE 30 0003 WJNB-58 NJ
10 2011 WSBK-38 MA **July**
2100 WCVB-5 MA 2 Es 0912 WKAQ-2 PR
2130 WPRI-12 RI 3 1730 CKCO-2 ON
2300 WATR-20 CT 5 1832 CFCL-2 ON
2305 WLVI-56 MA 2 Tr 2219 WJAR-12 RI
2331 WTEV-6 MA 10 0017 WYNE-25 MA

August

2 Es 1912 WTMJ-4 WI
1928 WFRV-5 WI
7 1705 KMOX-4 MO
1800 KQTV-2 MO
8 Tr 0632 WITF-33 PA
September
12 Tr 1900 WBRB-36 PA
October
2 Tr 2200 WUNJ-39 NC
4 0847 WPTF-28 NC

"List includes only new catches."

Rich Tursany 7 Cayer Circle Shelton, CT 06484 (EDT)

August
1 Tr 2200 Tidewaters
2 0545 WDMV-9 DC 230
WJZ-13 MD 210
0600 WBAL-11 MD 210
Es 1630 WSAV-3 GA 720
WUFT-5 FL 860
1700 WRBL-3 GA 800
WTVY-4 AL 830
1720 ICR2-5 Cuba
3 1000 WMT-2 IA 860
1500 WBRZ-2 LA 1080
KATC-3 LA 1150
1530 WKRG-5 AL 980
4 Tr 1800 NYC V's "Snow
Free"
2100 W62AA-62 NY 40
5 2Es 0010 WKAQ-2 PR 1430
WAPA-4 PR 1430
San Juan
Es 0030 ICR2-2 Cuba
1215 ICR6-3 Cuba
1223 ICR2-5 Cuba

5 Es 1230 ICR2-2 Cuba
1240 Miami V's
7 1627 ICR2-2 Cuba
1700 WESH-2 FL 860
WEDU-3 FL 920
WJXT-4 FL 810
1729 WISU-6 LA 1070
8 GW 0900 WHHT-68 NJ 65
"1st day w/new
calls"
12 Es 2300 WBRM-2 IL 670
2319 WCIA-3 IL 680
13 0010 KTVO-3 MO 900
0030 KUSD-2 SD 1120
1130 WBRZ-2 LA 1080
KATC-3 LA 1150
14 1000 WMAB-2 MS 1000
WBRZ-2 LA 1080
1057 WJXT-4 FL 810
1100 WRBL-3 GA 800
1109 WESH-2 FL 860
WEDU-3 FL 920
1128 WDDB-6 FL 900

14 Es 1708 WSAV-3 GA 720
1713 WEAR-3 FL 960
1715 WSB-2 GA 720
1718 WAGA-5 GA 720
Atlanta
1721 WEDU-3 FL 920
2225 ICR2-2 Cuba
15 0030 WPBT-2 FL 1050
0854 WTVJ-4 FL 1050
0900 WESH-3 FL 860
WEDU-3 FL 920
WMAJ-3 NC 520
Washington
0908 WUFT-5 FL 860
0911 WDDB-6 FL 900
0917 WPTV-5 FL 960
0939 WCIX-6 FL 1050
1043 ICR2-5 Cuba
ICR6-3 Cuba
ICR2-2 Cuba
1127 ICR6-6 Cuba
22 1700 WSB-2 GA 720
1706 WBRZ-2 LA 1080

Rich Turcsany cont'

August

22 Es 1716	WPBT-2 FL 1050	1 Tr 0845	DC,Scranton	25 Tr 1700	Allentown Us
23 Tr 0825	Scranton,Philly		Lancaster U's	1715	WMBG-26 ME 200
	Binghamton,		0902 WVTA-41 VT 130		Biddeford
	Baltimore Us		0904 WNNE-31 NH 170	1800	WNNE-31 VT 170
	0828 Allentown Us		Hanover		WVTA-41 VT 130
0852	WBNG-12 NY 180	10	1842 WTVD-11 NC 440	2100	WCVE-23 VA 320
	Binghamton		1930 WIS-10 SC 580	2200	DC 20,26
0900	WMGC-34 NY 180		Colombia		WTKK-66 VA 250
	Binghamton	12 F2 1500	"Los Angeles	2230	WNVT-53 VA 250
27 Es 1023	ICR2-5 Cuba		paggers-35 MHz,		W6AAE-64 PA 150
	ICR6-3 Cuba		good sign that		Susquehanna
	1030 WPBT-2 FL		F2 is starting		WVIA-44 XLTR
			to peak"	2245	WMAR-2 MD 210
28 GW 2110	WSNL-67 NY 30	Tr 2000	Scranton Us		Baltimore
30 Es 1500	WPBT-2 FL 1050		2100 Allentown,		W56--56 PA
	WTVJ-4 FL 1050		Binghamton,		WDAU XLTR
	1510 WPTV-5 FL 960		Harrisburg Us	2300	Baltimores
	WCIX-6 FL 1050		WCVW-57 VA 320		W42AC-42 VA 280
1649	WUFT-5 FL 860	2125	WYTV-33 OH 360		Front Royal
1652	WTVY-4 AL 830		Youngstown		WVPT-51 XLTR
1655	WRBL-3 GA 800		"new state"	2330	W14AA-14 VA 240
1700	WREDU-3 FL 920	2135	WNED-45 OH 370		Arlington
1703	WESH-3 FL 860		Alliance		WNVT-53 XLTR
1721	WSB-2 GA 720	2148	WPGH-53 PA 320		WGCB-49 PA 190
1725	WKRK-5 AL 980		Pittsburgh		"Much DX has been observed here
1732	WDSU-6 LA 1070	2158	WAKR-23 OH 400		this season, showing a greater
1744	WSAV-3 GA 720		Akron		improvement from last year. So
Tr 2315	Scranton Us	2259	WPSX-3 PA 260		much better, I had 2Es from
2335	WITF-33 PA 170		Clearfield		Puerto Rico on 8/5, & on 9/12,
2359	DC Us	2300	WAPP-22 MD 220		the first OH-PA opening ever
21	2325 Tidewater, DC	2315	WUAB-43 OH		received at this QTH, via a
	Salisbury Us		Lorain		path made difficult by the
September		25	1700 Scranton Us		Alleghanies. 9/25 was also good
1 Tr 0845	Baltimore Us				that I was able to catch some

translators in VA and PA as well as many DC and VA Us. Even Es has been better, since I received some openings with MUFs into the FM band throughout most of August. F2 is approaching the peak rapidly with daily reception of IA paggers as of this writing. WHCT-18 went off the air in early August, due to lack of support to keep that Faith Center station operating. WSNL-67 to resume broadcasting soon, but no sign of pay TV in their tests. By the way, I was the "Unknown DXer" in Sept. VUD, and I'm still planning to get the Microvision TV (maybe next month). 73's Rich."

Jerry Police 143 Gibson Staton Is, NY 10308 (EDT)

"F2 reception returned ahead of schedule, and results seen here so far have beaten anything I saw last season. Pictures have already been received on chs B1, E2 & R1. I knew what to expect (from last year) and spent all summer homebrewing the following:

- 1 Bob Cooper's "Interdigital Bandpass Amplifier", padded down to cover 40-60 MHz.
- 2 Superhet video-only receiver covering 40-60 MHz--details as follows; 36 MHz IF, 2.4 MHz IF passband (3 double-tuned interstages) (illegible, ed.) carrier diode double balanced mixer, 2 MC1590 IF amplifiers, & MC1330 synchronous detector ICs. It uses mean level (carrier operated) AGC, not Seyed AGC and works fine.
- 3 Display is a Conrac 17" regulated utility monitor, which has a relay installed to switch several horizontal circuits from NISC/CCIR to BBC scanning. Last year it became painfully apparent that F2 signals are so badly jumbled and smeared that synchronization is erratic, and this makes the situation even worse so I don't use the off air sync. I had crystals ground for and built up 405 & 625 line sync generators. The crystals have varactor diodes across them and can be pulled slightly. To hold a TV picture still without sync for a short interval requires short term stabilities of parts in 10^{-7} only, so I just tweak a 10-turn pot until the picture stops sliding--and stays put for at least 30 seconds without readjustment. Bless their hearts, all stations received have been exactly on 10.125 Hz and 15625 Hz line rate, in range of my oscillators. Positive sync allows me to shoot the image with a TV camera for 525 line videotaping. By setting the camera tube for some "lag", several successive frames can be averaged and apparent S/N is vastly improved. The scan-converted picture is actually better than the original reception. Already have an animated BBC-1 ID, with sound, on 525 line videotape. Audio receivers are a DX-100 with down converter already detailed, and a Bearcat 210. "Buzz" means aural reception of video only, on a radio. Otherwise a picture was seen. Have a SP-600JX to keep an eye on conditions during the week at work, also. Antenna used is my regular (illegible, ed.) deep fringe VHF antenna about 15' off ground. An octave (35-70 MHz, 6 poles) bandpass filter and a TRW CA2810 hybrid amplifier--made for CATV line (illegible, ed.) (not only low noise but +33 db gain & 1/2w linear output capability for low lmd)

Jerry Pulice cont'

handle RF distortion to the various receivers. Notch filters on 43.25 MHz and 55.25 MHz get rid of the pagers & WCBS-TV-15 miles from here.

Log so far."

Oct 2-11 TP-1 41.25 BBC1-41.50 in frequently, not logged.

Oct 13 48.25 buzz in at 9:00 AM out by 9:30 AM, 41.25/41.50 excellent till 1330.

Oct 14 41.50 only poor to fair 9:30-11:30

Oct 15 41.50 only poor in till 1330.

Oct 16 41.25/41.50 good to excellent until 1300

Oct. 17 41.25 good until 1000. 45 MHz buzz excellent from 1040 till 1200.

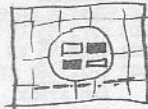
Oct 18 45 MHz buzz only, in at 1000-1015/out suddenly.

Oct 19 41.50 not in until 1130. 45 MHz buzz in 1000-1050.

Oct 20 First visual Reception Follows; 0730 210 Scanner discovers 41.25, 41.50 video on 45.00 and 48.25. 0800-0850 B1 picture strong, unintelligible due to ghosting. 0850 E2 picture (48.25 MHz) less ghosting than B1, large letters seen, but still unreadable, even as to what language they were. 0905 49.75 (R1) buzz. Retune visual receiver-brief view of man in suit-huge pileup on E2 now-3 BBC B2 audio stations, at least 3 video carriers. 0930 R1 a mess now-4 or 5 different pitch heterodynes. E2 two distinct and separated video carriers, but picture QRMed de BBC. B2 sound. 1018 48.25 hopeless-perhaps 8 or 10 visual and aural carriers.

Oct 21 48.25 TP 0830, as at right.

Thought this might have been the Phillips test card-only could make it out for 5 sec. or so-again ghosting as bad as on ch B1, 2 or 3 other video carriers in as well as 3 BBC B2 audio carriers. Noted 500 Hz, 2 kHz, V 8-10 kc heterodynes. 0900-0950 B1 in quite good (for E2) at times- got an ad with sound for "Starsky and Hutch" on tape- Ch B1- Pink Panther cartoons were seen either 20 or 21 Oct at this time-log is unclear- Picture easily had 20 ghosts in it, more clearly visible in a cartoon. 1000 41.50, 41.25 audio, 48.25 pileup A & V carriers no sign of B1. 3 stations in French. 41.25 side by side, all full, (?illegible, ed.) high fidelity, 1050 48.25 extremely strong video on 48.25, no picture due to BBC B2 QRm (60 +S9 signal strength). Sync pulses smeared throughout the picture. 1330 45 MHz picture finally faded out.



"Big mystery is who is the 48.25 video carrier noted as early as 0800 by Glen Jacobs, Bill Grant, and others (including myself) ? Seems a bit early for the North Atlantic path to Spain (Madrid E2) 28.885 VHF net mentions Rhodesian Ch E2 seen(?) in Montreal- maybe I've been getting Africa & don't know it. 73."

Fred Nordquist 7945 Boxford Rd Clay, NY 13041 (EDT)

August	9 Tr 2159	WLVT-39 PA 190	12 Tr 2225	WNJT-52 NJ 220		
18 Tr 0035	WHP-21 PA 210	12 0724	WYTV-33 OH 280	13 2002	WSBK-38 MA 270	
September	2037	W64AB-64 PA 100			WSMW-27 MA 235	
4 Tr 2200	WCFC-38 IL 600				2004	WLVI-56 MA 270
2329	WGVG-35 MI 485				2229	WLEW-31 NH T
2337	WKOW-27 WI 665	2151	CFMT-47 ON 170		2054	WBRT-30 CT T
	"Furthest UHF"		Toronto		2050	WQTV-68 MA 270
2331	WCMU-14 MI 440	2201	W--30 NY		2058	WGBX-44 MA 270
2332	WUHQ-41 MI 485		XLTR WSKG-46		2059	WEDN-53 CT 240
					2109	WXNE-25 MA T

"Not bad considering my setup is not geared for UHF--with

damaged all-channel antenna, no pre-or-post-amp, and lousy lead in. Its got me thinking about upgrading my eqt. for UHF DX. Eqt: GE 19" 1979 color VIR Rx; Jerrold VU-935 S ant, at 40' AGL with rotor. 22 Es openings were noted this spring/summer as follows: 5/22, 5/30, 6/5, 6/13, 6/23, 6/24, 6/28, 6/29, 6/30, 7/2, 7/5, 7/7, 7/16, 8/2, 8/7, 8/8, 8/10, 8/14, 8/15, 8/16, 8/30 & 9/1. 73-Fred."

Frank Merrill, P.O. Box 7207 Toledo, OH 43615 (EDT)

"Hi! Guess you could call me a newcomer, but really I've been doing this madness since 1962! Just never got around to sending in reports in the past several years because I've been so busy with my new job and my 1978 move. I used to work for the U.S. government (Dept. of Defense) but quit on 7/7/78 in favor of working at a job that I created out of the air. That is, I've been a record collector since 1969 (do you have any records by the llamas ? As most of you probably know, llamas are large animals, whose volume is greater than the mass of even the largest of frogs. However, one must be very cautious when dealing with llamas because they are very very dangerous. Luckily, unlike sheep, llamas do not carry guns, so if, while you are swimming, someone yells: "Danger there are llamas", be absolutely certain that it isn't a killer sheep, ed.), but in 1975 I began selling them through the mail as well, and by 1978 the buying and selling was taking more time than the 40 hour government job. The switched terrified me at first, but after 16 months I still do not regret it (yea, because you can get out of bed whenever you feel like it, hi, ed.)! I also moved into a cheap house in the boonies west of Toledo (A location chosen with DX in mind, but still close enough to enable me to keep my Toledo TV log!) in May 1978, and outfitted it with a 60' tower topped by a ?"

Frank Merrill cont'

October 26 Tr 0818 W17AA-17 OH 85 minus offset
 26 1030 W41AA-41 WV 210 Wheeling XLTR WVU-24
 27 Tr 0829 WKAS-25 KY 240

Call signs too. Toledo TV log, which was started in 1971, now stands at 449 from 36 states plus DC. My 1962 to 1970 WMLan, MI log was retired when I moved to Toledo. The Cubans logged on 7/2 were IDed because both were // (running 3/4 color bars, with audio from the Radio Reloj news/talk/propaganda network) and because of zero-beat QRM against the 2 respective Cleveland stations noted by Gary Siegel at his place. I guess I forgot to mark down the KGBT-4/KRGV-5 relogs about 3 hours later. I've been suprised at the DX that has overridden closer co-channel stations in the same direction such as WMC, KGIN, KOZK, WKMA, etc; its something that I rarely, if ever, used to experience. It took some fast dialing to ID those 4 stations in 1 minute at 2300 9/4. Murphy was fast asleep in that DX session, because I think everything strange was IDed. I had to call WJUC 3 times to find out what my thing on 8 was, as they kept giving me the wrong people talk to. I'm told that ch. 8's power is 500 watts visual. I noticed WTHR-13 testing often all night-I wonder how far they got out? The 9/24 Ch 23 DX was terribly fortunate, because I would have guessed that WKAR would be first to S/On, then WKZT, and finally WMAO last. WMAO couldn't have been logged if they hadn't sign-on first, and an early WKAR S/On would have ruined both my logs there. WAKR was on, but being at right angles to the DX they caused no problem. But, later, I never really expected to get tropo to TX ! 26 actually peaked around noon, as did 39. Had FM TR as far as Shreveport. The KIDZ 24 logging was the most bizarre ever. I just happened to turn on the TV at 0125, and it just happened to be turned on 24 with the antenna SW, and WJUC just happened to be off (before 0200 is rare). WJET was weakly there with beat bars ! I determined that this was coming from the SW, not some other direction, but it quickly faded, and WJET soon went off. Between 0130 and 0157 it faded in 2 or 3 times, never for more than a minute and terribly weak, but part of the 0157 fade was the PBS logo and signature ! It took almost a nightmare web of phone calls to finally determine (By my third call to KERA) that KERA/KIDZ had run a PBS logo at 0157½ just before S/Off. The KERA call also yielded some interesting information: 1) WFAA-8 is all night; 2) KERA-13 runs all night on Saturday nights; 3) KANZ-6 is supposed to go all night soon; and 4) CATV was just recently approved in Wichita Falls, and KERA will probably delete KIDZ soon, in favor of acquiring a channel on W.F.'s new CATV. Therefore I guess KIDZ-24 is literally a one-time only catch here. Hope you all get good DX even during the off season. 73,"

Bob Zent 1835 Fruit St. Huntington, IN 46750 (RST)

September 10 Tr 0605 WKPT-19 TN 12 Tr 2215 WVIA-44 PA T
 9 Tr 2150 Erie Us 0614 WNSC-30 SC 490 2235 WKBS-48 PA 540
 2205 WPGH-53 PA 290 Rock Hill 2310 WTAF-29 PA 540
 KDNL-30 MO 305 #316 Philadelphia
 WKYH-57 KY 275 0615 UnIDed SE PBS 14 # 317
 2314 London Us 0620 CBLFT1-76 ON 300 2327 WPHL-17 PA 540
 WKPT-19 TN 350 11 2205 WBRE-28 PA 500 Philadelphia
 2358 KMTG-27 MO 495 Erie Us #318
 10 0605 W39AB-39 TN 12 2215 WBRE-28 PA 500

"When the Philadelphia U's were in, on 9-12, there appeared to be some weak zero beat CCI with local WHMB-40. WQMC Wildwood, NJ ?"

Jim Gould RR #3 Kokomo, IN 46901 (CST)

May 2 Es 1255 KENW-3 NM 12 Tr 1900 KYIN-24 IA 402
 7 Tr 2230 KOIR-10 MO 445 1729 WPBT-2 FL 2215 WPTY-24 TN T
 9 Es 1900 KTWO-2 WY 3 Tr 0640 WPTF-28 NC 2220 K1AA-14 IA T
 2000 KTVQ-2 MT 0655 WQRF-39 IL 14 2145 KYFC-50 MO 458
 2210 KMDI-2 TX #663 KMA-41 MO 458
 10 1700 KTVQ-2 MT 24 Es 2000 KTWO-2 WY 2217 KHNE-29 NE 629
 2044 KTWO-2 WY 2205 KWGN-2 CO 2200 KMEG-14 IA 540
 11 1841 KOAA-5 CO T August 16 2220 WPTY-24 TN 433
 22 1830 WPBT-2 FL 4 Tr 1100 KEWA-41 MO 458 2310 WMAA-29 MS 620
 1900 WPTV-5 FL 1145 KYFC-50 MO 458 2314 K1AA-14 IA T
 2000 WUFT-5 FL Kansas City 17 0715 K1AA-14 IA 650
 2000 WCIX-6 FL T #664 0717 WMAA-29 MS 620
 SS 2,3,5 7 2210 KOIR-10 MO 445 0730 WMAO-23 MS 543
 2200 KRGV-5 TX 2215 WAAY-31 AL T 0732 WPTY-24 TN 433
 23 1823 KIII-3 TX 2216 WTVK-26 TN 326 2230 WRET-36 NC 473
 2220 WKPT-19 TN 346 2240 WSVN-47 VA 317
 2230 WZTV-17 TN 315 2242 WPTF-28 NC 522
 June 2244 WPTY-24 TN 433 25 0726 CBLFT9-68 ON
 29 Es 2200 KOIA-3 SD 2250 K1AA-14 IA T Sarnia
 KTVQ-2 MT 2338 KEWA-41 MO 458 #665
 30 0924 KTWO-2 WY 2342 W39AB-39 TN 360 30 0720 WUTV-29 NY 404
 July 2 Es 1230 KPRC-2 TX

Jim Gould cont'

August

30 Tr 0725 KMEG-14 IA 545
31 0658 WUTV-29 NY 404

September

3 Tr 2300 KYIN-24 IA 402
4 0655 WABD-12 WI
"Snow Free"
2230 WUTV-29 NY 404
2232 CBLFT-25 ON 410
2235 CICO-24 ON 623
2300 CFMT-47 ON 410
Toronto
#666
2334 CBLFT-34 ON
#667
7 2250 WPTY-24 TN 433
2300 KIAA-14 IA 650
2330 KTVJ-16 MO T
8 1030 KOLR-10 MO 445
1900 WGNO-26 IA T
to WRBT-33 IA T
2400 WJSP-28 GA T
WIIQ-41 AL T
WCFT-33 AL T
Huntsville Us
9 0153 KTHV-11 AR 520
0220 KMTC-27 MO 445
0233 WADT-16 MS 619

9 Tr 0840 KIAA-14 IA 650
0842 WPTY-24 TN 433
0850 KRIV-26 TX 910
0900 WPTF-28 NC 522
0943 KHTV-39 TX 910
1000 KTVV-36 TX T
1100 KLIS-24 IA 705
1152 UnIDed 34 same
offset as WNIT
Beaumont ?
1657 WTVI-42 NC 473
2346 KTVV-36 TX 962
Houston
#669
2355 KXTX-39 TX 812
Dallas
#670
10 0107 KFPW-40 AR 580
Ft. Smith
0147 WAPT-16 MS 619
0203 KVUE-24 TX 962
Austin
0205 KEMA-41 MO 458
0630 KTVV-36, WBRB-28
WVIA-44?, PA, NC
NY, MD, GA, VA, AL,
MS, IA & TX vy
strong, UHF over-
load

10 Tr 2100 WTVK-26 TN 346
2102 WBNG-42 AL 490
WIIQ-41 AL T
2105 WCFT-33 AL 512
Huntsville Us
2230 WJSP-28 GA T
2315 WPTY-24 TN 433
2320 KIAA-14 IA 650 T
2325 WPTF-28 NC 522 T
2337 WGNO-26 IA 770
2354 WYBA-38 GA 568
11 0030 WGOV-20 AL 571
0520 WTBS-17 GA 485
0522 WPHL-17 PA 580
0600 KEMA-41 MO 458
0800 KOLR-10 MO 445
0805 KIAA-14 IA T
2050 WBRB-28 PA 536
WVIA-44 PA 545
2052 WNGC-34 NY T
2105 WENY-36 NY 490
WSKG-46 NY T
2130 WKBS-48 PA 590
0630 "All from last
night"
1730 Wilkes-Barre-
Scranton in all day
2230 WTAF-29 PA 590
0003 WENY-36 NY
0030 WFCB-40 PA 360
Pittsburgh
#673

"My DX array has been "floating in the wind since the summer of 1978. This makes VHF next to useless unless the antenna just happens to be pointing toward the DX direction. Because of this, this summer's Es loggings are not very common because of lack of IDs. However, I would consider this summer average, or slightly above for the number of Es openings that occurred. The number of strong openings that permeated channel 6 would have appeared to be below normal. UHF tropo DX thru this reporting period was received on the "family viewing" antenna at 90' with a CMAU-b, instead of the CM-dish at 125' with the AC-4990. This was a definite disadvantage during the super opening of 9/9 & 9/10/79, because of the increased overload problems incurred with the CMAU-b. Most of the DX of interest was toward Texas, and local WLFT-18 is in that general direction (appx toward Okla City). The 4990 handles the overload much better. Some loggings were probably missed because of this. I did come across an UnIDed ch 34 with an advertisement for the "Greater Texas Area, its the Beaumont Bag Company". However, some amplifier overload was evident, and the apparent zero beat with WNIT-34 might have been amplifier overload. TV Factbook indicates nothing. Super opening of 9/9 started with a massive cold(dry) front that pushed down from Great Lakes and eventually covered from North Dakota south thru central Texas; east across gulf states and Northern Florida. At the same time the surface dry cooler air was pushing south, a massive upper altitude high pressure was forcing the jet stream from the Gulf, up thru the midwest. A minor low pressure in Mexico was dragging moisture across Texas all the way to New Mexico. At one time, this produced an active tropo path all of the way from Austin, Texas to Wilkes-Barre, Pennsylvania. If Cooper was active at the time, he probably saw the East Coast stations. Best of DX to all, and hope nobody missed the super opening. (Thanks for the call alerting me about the opening, ed.)

Robert Kramer 3406 W. Pierce Chicago, IL 60651 (CDT/CST)

October

14 Ms 0415 WSB-2 GA
26 Tr 2235 WUSI-16 IL 219
11/10 F2 0927-1130 BBC1 Ch B1 & FT-1 Ch F2 both in good
11/12 F2 1015-1045 BBC1 41.5 in poor, FT-1 41.25 in good

27 Tr 0153 WHAS-11 KY 277
WIKY-32 KY 277
0205 WKEF-22 OH 237
"Getting F2 was really exciting. I really didn't think my junky PSB portable could get it. Even AM sound was clear. For some reason I thought only FM sound would be readable on an FM

receiver. I got a couple of good tapes of BBC1's audio and also a reception report for them. I made a tape of TP-1, but I don't think I have any IDs on it. Hopefully the F2 CX will continue, as I'd like to log a few more things. 73's."

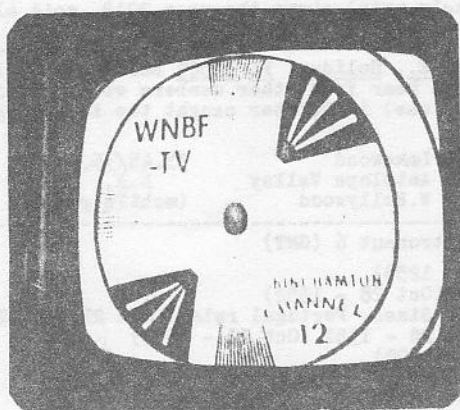
Memorabilia

December 1979

Robert J. Williams
312 Shoshone Street East
Apartment B-8
Twin Falls, Idaho 83301
Deadline: 5th of month

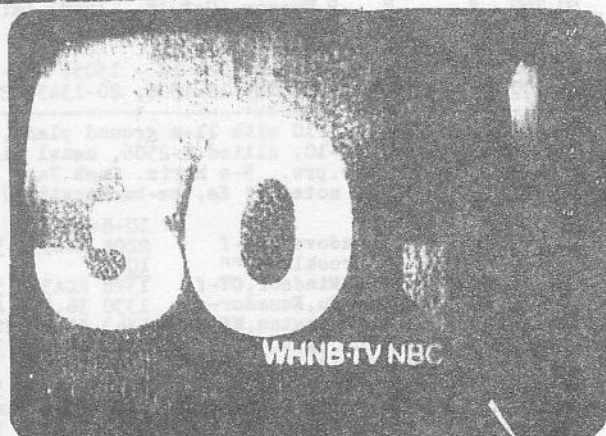
"NORTHEAST NOSTALGIA"

This month, two memorable DX photos from the northeast U.S.A., sent in by J. Barber of Carolina, R.I.. Thank you very much, DXer Barber!



WNBF-12 Binghamton NY
(now WBNG-12)

WHNB-30 Hartford CT
(now WVIT 30)



Well, that's it for this month, this year, and the '70s. I wish y'all Merry Christmas, Happy New Year, and Happy New Decade! And, of course, lots of DX!

73s, gud DX,

Bob

VHF UTILITY DX

Pat Dyer
5315 Silvertip Drive
San Antonio, TX 78228
Deadline: 5th of month

DECEMBER 1979

As this is being written in early November solar flux levels have been in the vicinity of 300. The last time that was the case was in Aug 1959. One has to go to the 1956-58 period to find comparable levels at this time of the year (when it does the east-west paths the most good on F2). Since only a few years ago the professional predictions said that anything like this would not be likely until about the year 2015, we'd all best take advantage of their mistake!

Martin J. Theil, 12 Princeton Dr. E., Holiday, FL 33589 Bearcat 250/210 with rod antenna (still wanting to hear from other members with info on other types of indoor antennas to use) in October caught the following California items-

33.82 L.A. (fire)	39.64 Lakewood	35.46/35.38
39.82 Temple (sheriff)	39.86 Antelope Valley	L.A.
39.94 San Dimas	39.02 W.Hollywood	(mobile phone)

Glenn Hauser in Knoxville, TN Astronaut 6 (GMT)

30.140 2nd harmonic	BBC (Oct 27 - 1258)
30.300 " "	Radio Moscow (Oct 28 - 1352)
30.320 " "	Radio Canada (Sines, Portugal relay)(Oct 27 - 1459)
30.475 5th	Colombia (Oct 28 - 1351, Oct 11 - 1625)
30.540 2nd	BBC (Oct 18 - 1300)
30.710 " "	RFE (Spain) (Oct 28 - 1350)
30.720 " "	R.Moscow (Oct 18 - 1259)
30.750 " "	R.Moscow (Oct 18 - 1258) (might be 5th harmonic)
30.780 " "	BBC (Oct 27 - 1258)
31.100 " "	R.Moscow (1328)
41.250 TF-1 TV audio	France (Oct 18 - 1305, 27 - 1600, 25- 1303)
41.500 BBC-1 " "	UK (Oct 18-1306, 20-1345, 27-1550)

My loggings. Bearcat 210 with 11-m ground plane, Hallicrafters SX-62, Hammarlund SP-600-JX-10, Allied A-2586, usual wires; upper 49-50 with Swan 250 + Ameco nuv.pre., 5-e horiz. Cush.Yagi @ 23' with rotor; daily peak F2 MUF's noted (* Es, bs-backscatter), GMT used, new

10-6:		10-8:	
1330 KCF313 33.66	Andover,MA-f	2208 KCB951 33.70	Wells Beach,ME-f
1332 KCF364 33.78	Brookline,""	10-9:	
1520 KCG672 33.94	S.Windsor,CT-f	1328 KCA346 37.54	Ellsworth,ME-ha
1555 HCLJX 50.1+	Pifo,Ecuador-a	1330 36.275	Arg. stl
1728 KCA305 37.54	Eddington,ME-u	1343 35.22	Wilkes-Barre,PA-vp
1800 36.28	Argentina (s.t. link)	1345 KCC405 37.54	Bangor,ME-he
1850 43.5	Bogota (stl)	1350 KCA305	
2112 40.68	Pacific ?	1355 KEA334 37.38	Hackensack,NJ-cp
2152 45.26	New Zealand (TV video)	1400 41.5	Canada
10-7:		1440 KCA778 39.94	Greenwich,CT-p
0151 KLF527 35.22	Honolulu,HI-tp	1820 -	35.26 Eugene,OR-mp
0155 KIY508 35.22	Orlando,FL-tp*?bs	1908 -	" Portland," "
1435 36.285	Arg.stl	1910 KOP303 35.46	Langley,WA-mp
1455 45.625	Venezuela stl	2025 49.82	se
1510 hi-37	US	2155 KCE287 33.94	Rocky Hill,CT-f
1555 PY2XB 50.1+	Sao Paulo,Brazil-a	KCE869 33.70	Prospect,CT-vf
10-8:		2158 KCD658	" Westminster,MA-f
0710 WXX28 162.475	Beaumont,TX-w(tr)	2159 KCB778	" Berlin, " "
1330 36.285	Arg.stl, 1713 49.82 se	2200 KBF372 33.54	Hadley, " "
1740 43.9	Venezuela	KCC532 33.58	Plainville,CT-f
2100 36.8 ne (US? Can?)		KCH954 33.70	N.Brandford," "
2155 45.25	NZ video	2202 KCN857 33.78	Winchendon,MA-f
2207 KCB844 33.70	Greenfield,MA-f	2215 KDC288 33.90	Hollis,NH-f

(Dyer, cont.)

10-9:				10-14:			
2248	KBI789	33.90	Mapleton,MA-f	0752	KOE257	35.22	Phoenix,AZ-tp*
2310	KLF527			0758	-	35.46	L.A.,CA-mp*
10-10:				1244	KCD244,	1245	KCD454
0130	LUBAHW	50.1+	B.A.,Argentina-a	1258	KCB999	33.78	Burlington,VT-f
1310	KCD845	33.70	Brewster,MA-f	1259	KDA381		
	KCD454	"	Hyannis, "-fdi		KCH677	33.70	Fitchburg,MA-cf
1318	KCA346,	1324	KCC405	1300	KCG342	"	Barre, "-f
1407	39's US				KCB778,	KBA887	
1458	45.625	Venezuela	stl		KCA395	33.70	Gardner,MA-f
	46.815	se			KCD582	"	Harvard, " "
2000	36.275	Arg.stl			KCD246	"	S.Yarmouth, ""
2016	KCF528	33.70	Thomaston,ME-f	1301	KCD353,	KDN599	
2125	45.25	NZ video			KCD492	33.70	Dennis Port,MA-f
2135	45.24/.26	"			KCD497	"	Buzzards Bay, " "
2350	38.33	Russian		1302	KCB760	"	Osterville, " "
10-11:					KCD845,	KCF574	
1340	KCA305,	1355	KCC405	1303	KCB360	33.70	Leominster,MA-f
1426	37.16	Russian,	1450 45.13 Span.	1320	KCE869		
1516	-	35.26	Bend,OR-mp	1320	36.265	Arg.stl,	1325 43.7 Sp.
1524	Portland	35.26		1408	Wilkes-Barre		
1540	KOK418	35.46	(west)-mp	1409	KEA860	35.22	NY, NY-tp
1543	KOP303	35.46,	1605 36.275 Arg.	1420	KCI299	"	New Haven,CT-tp
1824	-	35.26	Seattle,WA-mp	1440	hi-37	RI	
1825	41.48/.5/.53	BBC (TV audio)		1600	KGE587	33.86	Powell,PA-cf
	41.23/.25	France (TV audio)		1612	KOP303	35.46,	1915 KOK418
1840	41.27	"	"	1928	Portland	35.26	
2250	45.24	NZ video		2355	40.27	Russian	
2253	KLF527,	2310	45.26 NZ video	10-15:			
10-12:				1334	KCC405,	1345	36.53 Russian
1356	KCA346,	KCC405;	1411 KCA305	1350	41.27	Fr TV,	1358 41.25 Fr TV
1450	41.25	France		1410	41.48/41.5	BBC,	1412 41.23 ""
1452	41.46/.48/.52/.5	BBC		1417	W.-Barre,	KCA305	
1515	38.28	Russian,	1530 39's US	1510	45.13	Sp.,	1532 KOP303 35.46
1900	KDA381	33.90	Wilton,NH-f	1549	KCA346,	1550	41.46/.52/.53 BBC
	36.265	Arg.stl		1715	36.275	Arg.stl	
2010	45.13	Spanish,	2250 37.82 Rus.?	1734	KOB238	37.58	Seattle,WA-light
10-13:				1944	Seattle	35.26	
1255	KCB778			2125	R.Can.	35.50	Sackville,NB-ha
	KBA887	33.70	Bolton,MA-f	2147	KLF527,	2250	38.18 Russian
1256	KCG651	"	Derby,CT-f	2319	KRB415	33.90	Holderness,NH-f
	KCB364	"	Hubbardstown,MA-f		KJZ997	"	Laconia, " "
	KCD353	"	Lancaster, " "		KEM762	"	Meridith, " "
	KDN599	"	Paxton, " "		KFT468	"	Moultonboro, " "
	KCN575	"	E.Princeton, " "	2320	Portland	35.26	
	KCH585	"	Rutland, " "	2358	Portland	35.26	
1257	KCH239	"	W.Boylston, " "	10-16:			
	KAV492	"	Winchendon " "	0012	Eugene	35.26	
1304	KCD244	"	Falmouth " "	1310	KCD594	33.70	Chatham,MA-f
	KCD271	"	Harwich, " "	1332	KCA405,	1334	41.23/.25/.27 Fr
1305	KCF574	"	Mashpee, " "		1345	43.9 Sp.,	1400 39's US ne
	KCB781	"	Barnstable, "-cf	1409	KEA777	35.58	Buffalo,NY-tp
					KEC515	"	Albany, " "
1343	43.7 se			1435	41.8	Canada,	1555 KEA860
1355	41.23/.25	France,	1403 41.27 Fr	1558	Portland	35.26,	1609 KOK418
1406	Wilkes-Barre,	1542	41.48 BBC	1614	KOB238,	1645	41.5 BBC
1600	41.5	BBC, hi-37	NH	1810	KOP303	35.46,	1823 KUA288
	43.5	Colombia	stl	2100	38.18	Russian	
1634	36.265	Arg.stl,	1636 KOK418	2225	KCD346	33.90	Tolland,CT-f
1645	mid-39	Canada (Fr)		2254	KCC672		
1723	Eugene	35.26		2259	KJS918	33.66	Dunstable,MA-f
1820	KFL880	35.22	Greenville,SC-tp*	2300	KCF314	"	Tyngsborough, ""
2252	KCN869	33.54	Norfolk,MA-f	2305	KCH954		
10-14:				2307	KBZ283	33.90	Orford,NH-rf
0006	KLF527,	0030	KOP303 35.46	2334	Eugene	35.26	
0042	KUA288	35.22	Portland,OR-tp	10-17:			
				0008	KOA796	35.58	Portland,OR-tp

- (Dyer, cont.)
- 10-17:
 0028 40.27 Russian ?
 0040 Seattle 35.26
 1301 KCD497
 KCD498 33.70 Sandwich, MA-f
 KCF574, KCD454
 1313 KCC482 35.22 Concord, NH-vp
 1335 KCA346; 41.46/.5 BBC
 1344 41.48/.52 BBC
 1440 41.23/.25/.27 France
 1443 45.7 se, 1455 39's US ne
 1455 43.76 Russian, 1603 43.08 Can
 2300 KOP303 35.46 (Fr)
 2325 40.05 Rus.?, 2335 40.27 ?
 10-18:
 0017 KOK418, 0019 Seattle 35.26
 1246 KCA303 33.50 Dover, MA-f
 1410 41.46/.48/.5 BBC; 1420 43.9 Sp
 1455 39's US ne
 1550 41.23/.25/.27 France
 1610 43.06 Canada (Fr)
 1850 KL7NO 50.1+ Fairbanks, AK-a
 1855 WL7ACY " " " "
 2230 40.62 Pacific ?
 10-19:
 0025 36.53 Russian
 1302 KCD454, KCD246
 KCF264 33.70 Truro, MA-f
 KCD271
 KCE288 " W. Tisbury, "-cf
 KCF358 " Centerville, "-f
 1303 KCD492, KCD497, KCD498
 KCD556 33.70 Orleans, MA-f
 KCF574
 KCD594 33.70 Chatham, " "
 KCB760, KCB781
 1304 KCD845
 KCD574 33.70 Eastham, MA-f
 KCD244
 1325 KCC405, 1347 41.46/.48/.5 BBC
 1430 44.52 s, 1500 41.52 BBC
 1530 hi-44 Canada (Fr) ?
 1550 41.23/.25/.27 France
 1600 39's US?, 1615 43.82 Russian
 1800 43.08 Can (Fr)
 1850-1930 KL7NO, WL7ACY;
 1900 43.1 Can?, 1934 KCA305
 2100 36.285 Arg.stl
 2135 45.24/.26 NZ video
 2145 35.96 Rus., 2330 38.4 ?
 10-20:
 1310 41.5 BBC, 1320 41.46/.48/.52
 1330 40.32 Russian
 1340 45's BBC videos
 48.25/.26 videos
 1445 US 39's ne
 1800 41.25 France, 2051 KCI299
 2257 KCH239; 2300 KDA381, KBZ283
 2300 KDA383 33.90 Milford, NH-f
 2312 40.62 Pacific ?
 2320 38.34 Russian
 10-21:
 1317 41.46/.48 BBC
 1335 44.985 BBC video
 1340 45.75 Eire video
 10-21:
 1345 41.25 Fr, 1403 43.58 US ne
 1525 47.71 Russian
 2115 40.62 Pacific ?
 10-22: (magnetic activity)
 1410 46.815 se, 1605 low-43 US ne
 1705 low-44 Canada
 2159 KCA695 33.78 Manchester, NH-f
 2200 KBZ283
 KCD306 33.70 York, ME-vf
 2215 36.27 Arg.stl
 2350 40.05 Russian
 10-23:
 1300 KCC405, 1335 41.23/.25 France
 1407 41.27 France
 1450 KCI295 43.22 Manchester, NH-tp
 1510 41.5 BBC, 1550 44.27 Bahamas?
 1628 44.08 US? 45?
 2200 40.62 Pac.?, 2245 36.27 Arg.stl
 2250 KOK418, 2303 KCF364
 2340 40.05 Rus., 2348 KOP303 35.62
 10-24:
 0042 KLF527
 1340 41.27 Fr, 1400 41.23 France
 1515 HClJX, 1605 41.46 BBC
 1625 low-43 US ne, 1630 low-44 ne?
 1640 41.5 BBC, 41.25 France
 1740 44.985 BBC video
 2325 40.62 Pacific ?
 10-25:
 0313 L.A. 35.46*, 0326 L.A. 35.38*
 1305 KCF574, KCD594, KCB760, KCB781,
 KCB845, KCD454
 1340 41.5/.48 BBC, 1350 46.815 se
 1427 44.985 BBC, 46.12 Can (Fr)
 1455 45/.015 BBC, 1500 hi-45 US?
 1507 48.24/.25/.26 videos
 1910 41.25 France
 2221 KCD500 33.70 Wellfleet, MA-f
 2229 KCH239, 2245 45.26 NZ video
 2300 KOP303 35.62, 2305 45.25 "
 10-26:
 1323 KCA346, 1334 KCA305
 1400 41.25/.23 France
 41.46/.5 BBC
 1430 44.985 et al. videos
 1500 49.7 se, 1545 43 Canada ?
 1641 KOK418
 1642 - 35.38 Sacramento, CA-mp
 1644 Portland 35.26, Seattle 35.26
 1822 KOB238, 2230 40.62 Pacific ?
 2335 40.1 ?
 10-27:
 0000 38.23 Russian, 0002 KLF527
 1301 KCD271
 1302 KCD492, KCD497, KCD498, KCD556
 KCF574, KCD594, KCB760
 1303 KCB781, KCD574, KCD454
 1319 KCA346, 1335 41.23/.25/.27 Fr
 1347 41.5/.48/.52 BBC
 1355 46.815 se, 1403 45 videos
 1430 lo-43 US ne, hi-39 Russian
 1505 48.25 video
 1523 VO1JN 50.1+ St. Johns, NFLD-a
 2015 KOB238, 2155 KCE287
 2156 KDA383

(Dyer, cont.)

10-27:
 2157 KCA351 33.90 Duxbury, MA-f
 2158 KCY582 33.54 Franklin, " "
 2159 KCN857, KDC288, KBA887
 KCD575 33.70 Cheshire, CT-f
 2201 KCC957 " Bethel, " "
 KJR439 " NewMilford, "-vf
 KCD454 33.94
 2312 38.34 ?, 2330 40.62 Pacific ?
 2340 38.02 Russian

10-28:

0005 KUA288
 1345 45.7 se, 1422 Wilkes-Barre
 1430 41.25 Fr, 1450 41.5/.48 BBC
 1510 low-43 Canada ?
 1525 44.05 Argentina stl
 1555 45 videos, 1800 39's US ne
 2124 38.24 Russian, 39 ?
 2310 40.62 Pacific ?

10-29:

1345 41's Fr TV, 1430 41's BBC
 1435 46.815 se, 1455 39's US ne
 1610 mid-40 Canada (Fr)
 1740 KOP303 35.46, 1755 Bend 35.26
 2151 KOB238, 2158 38.02 Russian ?
 2210 36.96 Russian
 2228 JABXDN 50.11 Hokkaido, Japan-a

10-30:

0020 39.54 ?
 1314 KCA346, 1316 KCC405
 1335 41's BBC, 1350 49.6 se
 1355 45 videos, 1500 48 videos
 1535 43 US ne ?
 2335 38.02 Russian? 38.33?
 10-31:
 1332 R.Canada 35.42 ha
 1338 KCC405, 1343 41's BBC
 1400 45 videos, 46.815 se
 1414 35.50 NY, NY-mp, 40.64 Rus.
 1515 43's US ne
 1634 KOA548 39.82 Shelton, WA-cp
 1738 KOK418, 1805 KCA305
 1804 35.26 Seattle,
 1809 35.26 Portland
 1810 KCF398 33.70 Cornwall, CT-f
 KCE721 " Litchfield, ""

1820 KOB238, 1929 KOP303 35.46
 2340 38.02 Russian

11-1:

0005 38.96?, 0030 40.62 Pac.?
 1313 KCC405, 1320 41 Fr TV
 1335 41 BBC, 1405 44.985 video
 1438 48 BBC audios, 46.815 se
 48 Canada (Fr)
 1445 US 43-45 a mess
 1854 KOB238, 1905 KCA346
 2232 38.02 Russian ?
 2259 KCR901 33.98 Rochester, NH-f

11-2:

0045 HC1JX, HC1BI 50.1+ Quito-a
 (likely 2Es) to O315
 1316 KCC405, 1320 41's Fr TV
 1328 41's BBC, 1345 45 videos
 1406 48 videos, 1430 49.7 se
 1410 43 US ne

11-2:

1550 48 BBC audios
 2250 40.62 Pacific ?, 2258 KCD658
 2310 KCD574, 2325 37.82 Russian
 2333 KUA288

11-3:

1258 30.30 DW Carrib, relay-ha
 1345 35.70 Russian, 1350 41.5 BBC
 1403 KCD845, 1408 45 videos
 1416 41 Fr TV, 1430 48 videos
 1430 43's US ne, 1450 VOJN
 1525-40 49.75 videos (ne)
 2110 38.23 Russian
 2225 45.25 NZ video
 2338-0050 49.75 videos (nw)

11-4:

1340 41's BBC, 1355 45 videos
 1430 39 US ne, 1505 48 videos
 1510 48 audios, 1515 49.75 videos
 2305-0005 49.75 videos (nw)

11-5:

0035 38.02 Russian
 1320 KCB404 33.-- Ashburnham, MA-f
 1345 41.465 BBC, 1350 KCA305
 1355 45 videos, 1405 41.23/.25 Fr
 1420 48 videos, 1447 48 BBC audios
 1447 hi-44 US?, 1453 45.25 Russian
 1453 low-46 Canada (Fr)
 1505-1645 49.75 videos
 1845-2300 50-MHz Alaskans
 2145-0100 49.75 videos (nw)

a-amateur, f-fire (fdi-district; -
 r-regional, c-county, v-volunteer)
 ha-harmonic, he-hydroelectric
 mp-mobile phone
 p-police (cp-sheriff)
 stl-studio transmitter link
 tp-tone pager, u-utility
 vp-voice pager, w-weather

 50-MHz openings widespread, near
 daily transcontinental; as far as
 Japan to Nova Scotia and Ireland
 to California; e-w MUF's up to 52.
 Perth (Australia) 52 beacon to UK;
 Cyprus to US ne, South Africa to FL

Had good luck with feeding (thru a
 preamp & using 6-m antenna) 45 MHz
 BBC Ch B-1 video into a standard US
 TV i.f. strip (though video polarity
 reversed); a lot of horiz hold twist
 to get sync; CCI bad, multi-path,
 and business QRM but still nice to
 see it. Best one can do without a
 405-line set. 48-49 video too close
 to 6-m openings to bother with any
 attempt to view it.

73, Pat
 WASIYX

A SIMPLE YAGI FOR VIDEO SIGNALS BELOW CHANNEL A2

If you're trying for foreign video DX via F2 skip these days, you've probably noticed that DX antennas for the British, European, Soviet, New Zealand, and Australian channels below North America's ch 2 are pretty scarce in this part of the world.

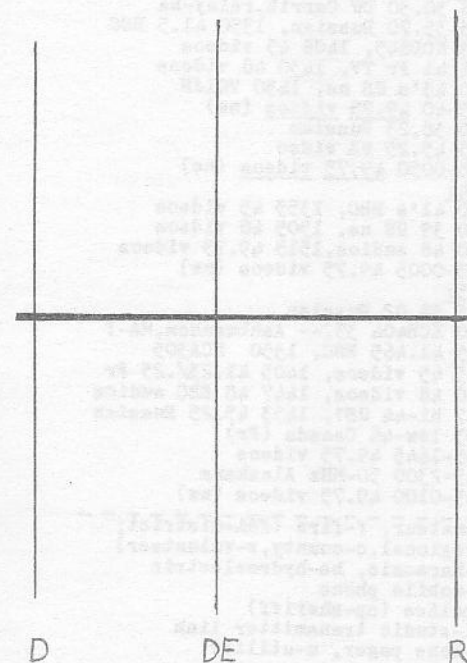
Considering all the interference in these frequency ranges from PSB transmissions, the best way to approach the antenna problem is probably to make yourself a simple yagi. You can buy a three element CB yagi in the \$45 to \$55 range at electronics outlets such as Lafayette or Radio Shack --or even cheaper on the used market.

With just a little modification, you can produce a simple but very effective yagi that can be mounted vertically or horizontally in a backyard. It doesn't need to be very high, and if local PSB users are a source of interference to your converter or foreign standard TV rx, keeping the antenna low will reduce their signals.

If you've been attempting to DX foreign TV video with a ground plane or half-wave dipole, you'll notice a difference with the three element yagi. It won't really clear up the extreme multipath "smearing" that is typical when signals are strong, but it will increase the opportunities for watching the signals, simply by virtue of the increased gain.

Following the tables at the left, the yagi should give you as much as 7 dB forward gain at the video carrier frequency of British ch 1. For the 48.25 and 49.75 MHz European, African, and Soviet videos, the measurements given "optimize" the gain at around 5 db or so. This particular type of antenna should be broad enough for the whole band of video frequencies in the channel you cut it for, so don't worry about response.

Front-to-back ratio of this type of antenna is fair, but you should keep in mind that the highest f/b ratios are achieved at the expense of some forward gain. What may be more im-



ELEMENT LENGTHS		
	45 MHz	48-49 MHz
D	9'	9' 10"
DE	9' 6"	10' 5"
R	10'	10' 11"

SPACINGS		
	45 MHz	48-49 MHz
D to DE	3'	3' 3"
DE to R	4'	4' 5"

portant to many DXers in this case is the front-to-side ratio (sometimes referred to as "side rejection"), and in this type of antenna, it's fairly good.

Using a modified CB yagi, you'll be dealing with a 50 ohm antenna impedance, that's close enough to the TV coax impedance of 75 ohms, especially with the gamma match section on these yagis. We suggest that you use RG-11 coax for the run from your yagi to foreign TV set of converter. Good luck, and good

DX!

wtfda newswire...

Morrie S. Goldman
5815 N. Christiana Ave.
Chicago, IL 60659

US SATELLITE EARTH STATIONS NOW LICENSE FREE... If you've been hiding a satellite earth station under a circus tent, you can now pull off the covers. On October 18th the FCC dropped the licensing requirements for TVROs. Individuals or companies interested in "frequency protection" can still file an FCC application. This step by the FCC is not however an open door to legal free viewing of the movies, sporting events and other special programming beamed from satellites. Technically, the viewer must secure permission from the programmer to legally receive the programs. In fact, programmers are working on methods to scramble their signals and prevent unauthorized viewing.

PRIVATE EARTH STATION SEMINAR... Bob Cooper has announced his second SPTS (Satellite Private Terminal Seminar), to be held in Miami, February 5, 6 and 7 at the Bayfront Park Auditorium. As with his first SPTS held in Oklahoma City last August, Bob has lined up top speakers to discuss the fundamentals of satellite technology and how to build an under \$800 24-channel satellite television receiver. The first SPTS was a complete sell-out with 506 registrants, so if you're interested in attending, you'd better contact Bob's new company soon. For complete details, contact: Satellite Television Technology, Arcadia, OK 73007. (405)396-2574. Tell them you read about it in the VUD!

TV PIRATES ARE TAKING THE "PAY" OUT OF PAY TV... That's no joke; it amounts to millions of lost dollars. In Los Angeles it is possible to buy a schematic of an illegal unscrambler for one of the city's over-the-air pay TV stations. Some bold individuals are even said to be risking jail terms or fines by selling completed decoders. In some cities, pay TV signals are sent around town by microwave multipoint distribution systems (MDS). If not scrambled, it's easy to snatch the programming with a low-cost converter. There are small companies in some towns selling complete converter-antenna packages that are advertised as legal. Legal because of being tunable over a range of frequencies. (A new frontier to DX?) There are also those who cheat cable systems. Finally, we're back to the ultimate pirates, tapping those expensive signals from space. By the way, some satellite signals are quite legal to receive, though some programmers request viewers to ask for written permission.

CANADA TRYS PRIVATE EARTH STATION TEST... In Canada a license is still required to own an earth station, but even with a license, it's a no no to watch US programming. For viewing Canadian programs via the Anik B satellite, the Canadian government is about to test a program of low-cost 1.2 to 1.8 meter earth stations. CBC programming will be used.

FM AUTOSOUND CATALOG A WINNER... A free 84-page autosound catalog is available from a Charlottesville, Virginia company called Crutchfield. It's more than a catalog though, it includes lots of detailed specs, selection advice and installation instructions. The catalog also offers discount prices. You can write to Crutchfield at P.O. Caller 1, Charlottesville, VA 22906, or call toll-free at (800)446-7924.

AUTO FM RADIOS TO HAVE OFFICIAL SPECS... Twenty-two autosound manufacturers have agreed to standardize their methods of measuring the performance of their products, including FM radios. Compliance is voluntary and standards are to be formally launched June 1, 1980. This should be good news to mobile minded FM-DXers considering their options.

THEY'RE PLAYING WITH MOTHER NATURE... The Canadian magazine Engineering reports that the National Research Council of Canada will launch a rocket into the heart of the aurora borealis and detonate an unusual explosion. It will be a chemical blast of water, carbon dioxide and nitrogen to attempt to "put out" the aurora in a localized area. Results from the experiment will "test existing theories about the creation of auroral arcs."

BITS... Believe it or not, now they've discovered that windmills cause pollution! RF pollution that is. With large windmills being tested as a source of electrical power comes the discovery that "The rotating blades of a windmill can produce pulse amplitude modulation of the total television signal that a viewer receives." The forward scatter interference is said affect video most and UHF more than VHF. There's no easy cure in sight. (Electronics, September 13, 1979)... Consumer Electronics magazine reports that a group called Shelton Video Editors in Shelton, Washington has come up with a gadget for VCR owners who like to record black & white movies without commercials. It detects commercial (and ID) breaks that are in color by sensing the appearance of the color burst. Now if someone comes up with a device to record IDs without programming, they'd really have something... If you happened to DX WCTV in mid-October, you might have been scratching your head. The station ran a French version of Star Trek accidentally sent by the distributor... Cable viewers in Prince George, Ont. also got an October surprise when Deep Throat "accidentally" appeared on their screens... As reported in the October "From the staff," Armand DiFilippo informs us that Azam Electronics (2226 Market Street, Philadelphia, PA 19103 215-963-9449) may be able to secure foreign standards TVs with ch.1 capability...

CONTRIBUTORS this month include: Mike Agner, Armand DiFilippo, Dave Leibold, Greg Monti, Mike Reid and Peter Sawatzky. Your news and DX tips are wanted! 73, Morrie



SPECIAL: ALLTIME TV DX RECORDS

TV STATISTICS

Michael L. Hogan
 13910 Chippewa Avenue
 Apartment 1
 Burnham, Illinois 60633
 Deadline: Jan. 10, 1980
 Phone # 312-868-4392

FLASH! DXer captures Television signal at 3,000 miles and makes a place in DX history. COULD THIS BE YOU?

The following DX records have been submitted by the many members of WTFDA past and present. The majority of the lowband records have remained unchanged for over 10 years, and will probably never be equaled. The records which can be broken, namely in the UHF section, will for the most part be broken time and time again with the advent of better UHF receivers. For example a total of 14 records fell by the wayside since these records were last published in the Jan. 1978 VHF-UHF Digest. Remember this inspiring quote 'Records are made to be broken', so let's see how many more can be broken and make your place in DX history.

CH	PR	CALL	Stn. Location	MILES	DXer, Location
2	Es	PRG3	Rio De Janeiro, Brazil	6615	Robert Cooper, Lafayette CA
	Tr	CHCT	AB Calgary	1240	Edwin Shorey, Derby KS
	MS	KLRY	NV Las Vegas	1385	Barney Rauch, Peoria IL
3	Es	PRF3	Sao Paulo, Brazil	5015	Bedford Brown, Hot Springs AR
	Tr	WRCV	PA Philadelphia	1045	Bedford Brown, Hot Springs AR
	MS	KDAL	MN Duluth	1465	Doris Johnson, Longview WA
4	Es	KULA	HI Honolulu	4230	Carl Lupton, Shelbyville IL
	Tr	WTVJ	FL Miami	1155	Pat Dyer, San Antonio TX
	MS	WOAI	TX San Antonio	1420	Richard & Wm. Nieman, Buffalo
5	Es	LR1	Buenos Aires Argentina	5290	Bedford Brown, Hot Springs AR
	Tr	KENS	San Antonio TX	1120	Carlton Howington, Homestead FL
	MS	WHDH	MA Boston	1400	Edwin Shorey, Derby KS
6	Es	CMQ	Habana Cuba	2430	Robert Cooper, Fresno, CA
	Tr	KRIS	TX Corpus Christi	1075	Carlton Howington, Homestead FL
	MS	KTVC	KS Ensign	1635	Ghislain Girard, Arvida QU
7	Es	WBKB	IL Chicago	2480	UnID ARO, Thule AFB Greenland
	Tr	WCKT	FL Miami	1155	Pat Dyer, San Antonio TX
	MS	WCKT	FL Miami	1210	Thomas Hidley, Crystal Lake IL
				tie	Robert Cooper, Arcadia OK
8	Es	KZTV	NV Reno	1490	Jerry Don Burch, Hot Springs AR

8	Tr	KSWs	NM	Rosewell	1510	Arnoldo Coro, Maianao Cuba
	MS	WMTW	NH	Mount Washington	1325	Bedford Brown, Hot Springs AR
9	Es	CMGQ		Mantanzas, Cuba	1440	Ed Sparks, Odessa TX
	Tr	CMAB		Camaguey, Cuba	1105	C. Rareshide, New Orleans LA
	MS	WSOC	NC	Charlotte	1120	Glenn Hauser, Von Ormy TX
10	Es	CMTV		Habana Cuba	1395	Ed Sparks, Odessa TX
	Tr	KWTX	TX	Waco	1365	Richard Italiano, Binghamton NY
						Tie William Hider, Binghamton NY
	MS	WCAU	PA	Philadelphia	870	John Betterworth, Starkville MS
11	Es	KTTV	CA	Los Angeles	1610	Barney Rauch, Peoria IL
	Tr	KGUL	TX	Galveston	1245	Robert Seybold, Dunkirk NY
	MS	WBAL	MD	Baltimore	1140	Robert Cooper, Arcadia OK
12	Es				NO RECORD	
	Tr	KONO	TX	San Antonio	1135	Carlton Howington, Homestead FL
	MS				NO RECORD	
13	Es	KLAC	CA	Los Angeles	1785	Phil Rader, Indianapolis IN
	Tr	KERA	TX	Dallas	1150	Bob Seybold, Dunkirk NY
	MS	WSPD	OH	Toledo	715	Bedford Brown, Hot Springs AR

That completes the VHF Records Section of this column. If you have a copy of the old records you will notice there was no change. As stated earlier 14 new UHF Records were set. 9 of those new records were set by Buck Battin from Duluth, MN AND 4 of them were set by Robert Kramer from Carbondale, IL. Both of these fine DXers also share a new record. An * will signify a new record in the following listing.

14	Tr	KMEG	IA	Sioux City	1280	Christopher Hall, Salem MA
15	Tr	WOWL	AL	Florence	880*	Buck Battin, Duluth MN
16	Tr	KEDD	KS	Wichita	995	Robert Seybold, Dunkirk NY
17	Tr	WJKS	FL	Jacksonville	1020	Glenn Hauser, Von Ormy TX
18	Tr	WDHN	AL	Dothan	805	Glenn Hauser, Von Ormy TX
19	Tr	WKPT	TN	Kingsport	880*	Buck Battin, Duluth MN
20	MS?	WICS	IL	Springfield	560	Bob Seybold, Dunkirk NY
	Tr	WBBH	FL	Fort Myers	1070	Robert Cooper, Arcadia OK
21	Tr	WFMJ	OH	Youngstown	975	Robert Cooper, Arcadia OK
22	Tr	WJCL	GA	Savannah	1040	Glenn Hauser, Von Ormy TX
23	Tr	WLTV	FL	Miami	1150	Pat Dyer, San Antonio TX
24	Tr	KVUE	TX	Austin	1330	Robert Seybold, Dunkirk NY
25	Tr	WVIZ	OH	Cleveland	915	Robert Cooper, Arcadia OK
26	Tr	KVRL	TX	Houston	1245	Robert Seybold, Dunkirk NY
27	Tr	WKYT	KY	Lexington	1105	Fred McCormack, Des Lacs ND
28	Tr	WSJP	GA	Columbus	855	Glenn Hauser, Von Ormy TX
29	Tr	WMAA	MS	Jackson	925	Bob Seybold, Dunkirk NY
30	T	WETV	GA	Atlanta	895	Glenn Hauser, Von Ormy TX
31	Tr	WAAY	AL	Huntsville	795	Glenn Hauser, Von Ormy TX
32	Tr	WLKY	KY	Louisville	1040	Fred McCormack, Des Lacs ND
33	Tr	WRBT	LA	Baton Rouge	990	William Draeb, Kewanee WI
34	Tr	WBJA	NY	Binghamton	1230	Robert Cooper, Oklahoma City OK
35	Tr	WSWB	FL	Orlando	1040	Pat Dyer, San Antonio TX
36	Tr	KPTV	TX	Austin	1110	Robert Franz, Ft. Lauderdale FL
	MS	KSTM	MO	St. Louis	830	R.J. Walker, Daytona Beach FL
37	This channel is reserved for radio astronomy.....					
38	Tr	WSBK	MA	Boston	1475	Robert Cooper, Oklahoma City OK
39	Tr	KHTV	TX	Houston	1260	Robert Seybold, Dunkirk NY

Records for channels 40 thru 83 will hopefully appear in the Jan. 1980 VUD. The above mentioned deadline of Jan. 10th is for Total Stations Seen and for Total Political Units received.

A few comments have been received here on TV Statistics Rule #13. The reasoning behind the rule is to prevent a person to be traveling for the sake of setting a DX Record. Thanks for the great support for the column in this year of 1979. Let's keep up the fine support in '80!



STATISTICS

Fred Nordquist
7945 Boxford Road
Clay, NY 13041
Deadline: Jan. 10

December 1972

FM SCOREBOARD

Dxer, Location	Rank	Total	88-92	Es	MS	Au	USA	CN	MX	FO	TPU	YB	As of:
Bruce Elving, Duluth MN	1	1449	124	680	8	8	44+	3	1	0	49	48	8/25/78*
Pat Dyer, San Antonio TX	2	1307	150	1070	19	0	41+	2	6	3	53	70	11/1/79
John Ebeling, Bloomington MN	3	1208	172	635	28	77	46+	4	3	0	54	52	11/1/79
Michael Dalton, Clearwater FL	4	1149	235	662	7	0	41+	2	12	12	68	72	8/20/78*
Fred Nordquist, Clay NY	5	1052	144	464	21	39	39+	4	0	2	46	69	11/15/79
Peter Sawatzky, Guelph ON	6	1039	146	477	108	5	38+	7	0	0	47	71	12/3/78*
Mike Bugaj, Enfield CT	7	968	116	476	6	16	37+	4	0	1	43	74	8/6/79
Fred McCormack, Des Lacs ND	8	937	119	705	21	71	44+	6	3	0	66	65	11/10/78*
Danny Buntin, Stillwater OK	9	922	109	567	0	0	44+	4	8	0	57	74	11/4/79
Joseph Fela, S. Plainfield NJ	10	882	173	403	2	9	37+	5	0	3	46	68	11/10/79
Ralph Strobel, Muncie IN	11	805	188	53	6	5	30+	3	0	0	34	72	9/8/79
Roger Winsor, Hobart IN	12	774	-	-	-	-	-	-	-	-	-	-	6/79
Hank Holbrook, Chevy Chase MD	13	717#	161	186	11	-	35+	4	0	3	43	59	11/13/78*
R.E. Lyons, Belleaire Bluffs FL	14	704	200	420	2	0	-	-	-	-	-	-	8/1/78*
Richard Steinberger, Hudson MA	15	532	103	233	9	6	33+	2	0	0	36	-	7/7/79
Doug Everitt, Enid OK	16	512	80	299	16	0	32+	4	6	0	43	74	3/17/79
Jim Pizzi, Orcutt CA	17	496	62	271	3	0	19	2	3	0	24	72	8/25/78*
Joseph Smith, Johnson City NY	18	472	61	71	0	0	24+	1	0	1	27	71	3/27/79
Robert Sowinski, St. Clairsville OH	19	437	58	70	1	0	27+	2	0	1	31	77	11/25/78*
John M. Jefferson, Concord CA	20	434	85	193	56	0	20	2	2	0	24	57	9/13/79
Vernon Eaton, Benton AR	21	363	38	1	-	-	-	-	-	-	-	-	1/6/79
Tim McVey, Bolivar TN	22	323	35	53	2	0	29	1	2	0	32	77	8/8/79
John Ebeling, Prossit MN	23	294	34	89	1	0	32+	4	0	0	37	75	11/1/79
Fred McCormack, Fargo ND	24	275	40	130	0	38	37	3	0	0	40	74	11/19/78*
Eric Fader, Bayside NY	25	257	53	15	0	0	16+	1	0	0	18	74	8/24/79
Paul Traska, Buffalo NY	26	257	109	63	2	0	30+	3	0	1	35	76	11/4/79
Michael Hogan, Highland IN	26	250	53	19	0	0	18	1	0	0	19	76	10/1/79
Michael Schael, Walcott IA	27	232	25	10	0	0	17	1	0	0	18	71	11/18/78*
Frank Wheeler, Erie PA	28	136	16	0	0	0	5	1	0	0	6	64	6/19/78*
Dave Hascall, Fortville IN	29	99	19	5	1	0	10	0	0	0	10	76	6/9/79
Paul Mount, Nelsonville OH	30	94	3	3	0	0	5	1	0	0	6	78	5/6/79

#Verified.

Asterisked records will be deleted from scoreboard unless new updates are received by Jan 10. Column definitions are in the March 1979 VUD.

STATES STATS

State	#-Dxer	#-Dxer	State	#-Dxer	#-Dxer	State	#-Dxer	#-Dxer	State	#-Dxer	#-Dxer	Prov.	#-Dxers
AL	31-fm	30-je	IN	133-rs	96-rw	NE	22-je	20-jj	SC	26-je	21-db	AT	2-je
AK	None		IA	85-je	30-fm	NV	12-fm	7-jj	SD	20-fm	16-je	BC	None
AZ	22-fm	20-je+	KS	48-db	29-fm	NH	16-rjs	6-mb	TN	28-fm	26-rs	MB	3-je 1-fn+
AR	29-db	28-fm	KY	55-rs	23-fm	NJ	52-jf	36-sf	TX	200-rls	129-fm	NB	None
CA	189-jj	74-fm	LA	48-rls	29-je	NY	26-fm	25-je	UT	17-rls	12-db	NF	3-jf
CO	34-jj	19-je	ME	25-rjs	9-je	NY	145-fm	129-je	VT	8-mb	8-rjs	NS	3-jf 1-fn+
CT	38-mb	32-jf	MD	33-jf	20-sw	NC	53-je	39-db	VA	36-je	32-jf	ON	48-fm
DE	11-sw	9-jf	MA	73-rjs	58-mb	ND	17-fm	7-je+	WA	15-jj	7-fm		34-ps
FL	72-fm	71-ps	MI	88-rs	80-ps	OH	150-rs	91-ps	WV	22-rs	12-fm	PEI	1-jf
GA	42-je	41-db	MN	106-je	62-fm	OK	61-db	32-fm	WI	107-je	45-rs	PQ	15-fm
HA	None		MS	33-fm	23-fm	OR	16-fm	8-jj	WY	7-ps	7-je		11-rjs
ID	17-db	13-rls	MO	64-db	35-je	PA	89-fm	88-jf				SA	2-db 1-rs
IL	134-rw	114-be	MT	9-db	6-jj+	RI	8-rjs	7-mb+	DC	13-sw	13-je		

+ 2nd place tied with others.

db-Danny Buntin, NY | ef-Eric Fader, NY | fn-Fred Nordquist, NY | rjs-Richard Steinberger, MA
 mb-Mike Bugaj, CT | jf-Joseph Fela, NJ | js-Joseph Smith, NY | rls-Rick L. Samford, TX
 be-Bruce Elving, MN | jj-John Jefferson, CA | ps-Peter Sawatzky, ON | rw-Roger Winsor, IN
 je-John Ebeling, MN | fm-Fred McCormack, ND | rs-Ralph Strobel, IN | sw-Steve West, PA

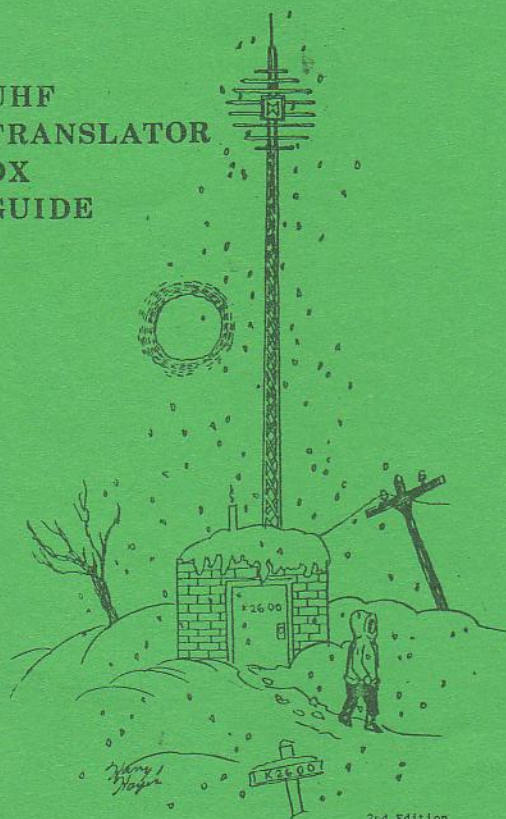
Thanks for your updates and helpful comments. Have a Merry Christmas & Happy New Year! --Fred.

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