

FRENDX



Greetings from **KNLS**, the New Life Station, P.O. Box 473,
Anchor Point, Alaska 99556, United States of America

mitgliedernah
informativ-aktuell



Partner für Rundfunkfernempfang

ADDX e.V. - Postfach 15 01 24 - D-4000 Düsseldorf 1

AKTUELLE INFORMATION

NEW INFORMATION

New certification by the ADDX

A beautiful decoration in
every DX-Shack

The ADDX renewed all its DX-certificate-program.
In this program are now 20 different, individual styled
and harmonious created DX-certificates.

The DX-certificates are printed on elephant-hide paper.
For our members cost a certificate 5,-- DM. For all others 8,-- DM.
The old certificates can also be ordered, but only as long as
we have got the old ones. Both certificates together cost 8,-- DM.
Transfer the amount on the post-check account (Postcheckkonto)
of the ADDX certificate-management No. 427181-102 at the
postgirooffice (Postgiroamt) Berlin.
Receiver is the ADDX, c/o Andreas Schmid, Raßthaler Weg 13b,
D-8731 Ramsthal. The certificates will directly be handed out.

As survey about our certificates:

25/40/50 countries into the German language	
50/75/100/125/150/175/200 countries	
medium wave certificate (sticker system 10/25/50)	
49 m band certificate (sticker system 10/25/50)	
U.K. certificate (medium wave stations from Great Britain, sticker system 10/25/50)	
Soviet Republic certificate (sticker system 5/10/15)	
tropical band certificate Africa (sticker system 10/25/50)	
" " " Asia (" " 5/10/25)	
" " " Latin-America (sticker system 10/25/50)	
Brasil--certificate	(" " 5/10/15)
Andes--certificate	(" " 5/10/15)
Venezuela--certificate	(" " 5/10/15)

Sticker system:

The certificate can be enlarged to the next step by
stickers. You need only a new application with an IRC,
or German stamps. You havent got any other costs!

All responsibilities by Dr. ROLAND HÖLLER.
The publishing is free of charge.
Evidence-copy required.

Verantwortlich für den Inhalt:

Veröffentlichung kostenlos. Belegexemplar erbeten.

CONTACT

Editor: Stephen G. Moye, 178 Bartlett Ave., Cranston, RI 02905 Phone: (401) 941-6497

At the risk of repeating myself, I am going to begin this month's CONTACT with yet another letter which addresses itself to the threat posed by the "Electronic Communications Privacy Act of 1985." While I do not wish to try your patience by what may seem like harping on a subject, I do very much want to sound a clear warning against what is, above all, an extremely dangerous piece of legislation. The letter you're about to read comes from Richard E. Berg-Andersson (WDX2RSG, Woodside, New York) and was very kindly forwarded to me by Bill Oliver. A letter from Mr. Berg-Andersson appeared in last month's CONTACT; his present letter is even more pointed:

I am quite frightened by the legislation known as the "Electronic Communications Privacy Act of 1985" (S.1667/H.R.3378). This has to be the biggest threat to our hobby in quite some time and it seems to have taken the SWL community by surprise. We must correct that and work to defeat this bill.

It is all well and good to urge NASWA members to write their U.S. Senators and Representatives, but I fear that a few letters to a few Congressmen from individual radio hobbyists are not going to defeat this dangerous piece of legislation. It is going to take a concerted effort of the NASWA membership and, perhaps, the entire ANARC community to defeat this bill.

Therefore, I strongly urge NASWA to take action NOW. I strongly urge you, as NASWA Executive Director, to begin to commit the club to oppose this bill forcefully. Steps must be taken, and taken soon.

I suggest that a copy of the bill be obtained and then summarized in FRENEX. I also think it would be wise to examine the bill and find out if and how it affects NASWA. Members should write their Congressmen, of course, but they should be encouraged to get friends and relatives to write. This should be put forth as a public interest issue more important than just the potential effect on the hobby -- Congress is more inclined to listen to 'ordinary' folks. This would be a good start at least.

Finally, NASWA should press ANARC to unite to defeat this bill. "Unity and Friendship" is the key to killing this threat.

Very well said, and thank you. Before leaving this topic for the moment, I would make two brief observations. The first has to do with the principle of "the thin edge of the wedge:" if this legislation is passed, it will never again be possible to oppose further legislation of this sort from a position of strength (as derived from precedent). A new precedent will have been set and any powerful private interest group will be free to avail itself of its use, and the freedom of the air waves will be further eroded. Second, the further precedent will have been established that the law shall come to the rescue of purely self-interested corporate concern and immoral marketing strategies. You and I will pay the price for this, in the precious tender of our freedom.

It is always a very great pleasure to acknowledge thanks expressed for the work of NASWA, FRENEX, and CONTACT. This comes from John E. Beck (Producer, DX PARTY LINE, HCJB, Quito, Ecuador) in a nice note:

I wanted to thank you and the rest of the NASWA membership very much for the material you provide and which we are able to use on the DX PARTY LINE. Assistance from clubs such as yours really helps to make the DXPL what it is. Thanks!

Coming up on May 19, 1986 will be a special telephone call-in program celebrating the DX PARTY LINE's 25th anniversary. Although full details are still being worked out, we would like to invite NASWA's participation through sending greetings either by letter, tape recording or via telephone.

Thanks again for everything.

In the January issue of FRENEX I passed along an interesting idea from Gerry Bishop to the effect that that perhaps we of NASWA could raise a fund with which we could donate a SW transmitter to a country that could use or need it. The following month John Bryant added enthusiastic support for the idea. Well, every idea, no matter how good, needs some ruthless, hard-hearted criticism and analysis before it emerges (if it does) in its final form. The rôle of Simon Legree has been generously and graciously assumed by Dan Sheedy (Encinitas, California):

Just received my Feb. FRENEX & was reading your column (more precisely, John Bryant's letter) & thought I'd drop my 2¢ worth into the "buy a transmitter for a needy country" idea.

Yeah, it's a nice thought...a sort of permanent DX-pedition operation, but stop & think after the first flush of enthusiasm...which country(ies)? The ones named in John Bryant's letter (Tristan, Palau, Christmas Isl., Pitcairn...) all have no need for SW service. Pitcairn, for example, generates its own electricity: would you waste the week's electricity supply so some wide-eyed soul in West Kneecap, PA could listen to the International Service of Radio Pitcairn? the others are small, relatively isolated communities with adequate LOCAL radio on MW. So, trying to convince local government that they "need" SW for better coverage would be an interesting task.

Concerning the 'stipulations' as noted by John Bryant:

(1) 5-year "guarantee" of transmissions...nothing personal, but having had experience repairing ham radio gear, who will do the maintenance? Come to think of it, who provides the antennas and studio? Most non-SW countries seem to be short of funds for frills (like "International Services"). Who pays for the engineers/announcers/staff and so on?

(2) Many countries are languishing in the wee-sma' hours when propagation to NA/Eu/Japan is best. It'll take a LOT of dedication to drag the staff outta the sack for special regional broadcasts (I dislike rolling outta bed at 3 AM local to DX & all I have to do is flip on the receiver; not drive to the station, warm up the transmitter, etc.!) Even if it's all on tape, someone has to load the machines & do the transmitter trip.

(3) The only "stipulation" I agree on, but why not work on some of the existing stations that are lackadaisical in their verification policies? (Yes, I know the station is doing us a favor by verifying, & most reports are worthless--at least on regional transmissions--but at least it'll keep some folks out of mischief.)

One last Scrooge-like note [a piteous cry is heard from sgm -- "Oh no... not another one!"]: (admittedly, ethnocentrism raises its fuzzy head) If I were a country, would I appreciate unsolicited offers of "free" transmitters, complete with "stipulations?" Would I care 2 pins whether or not anyone outside the confines of the country heard my undoubtedly high-class cultural programming? Maybe the answers to these questions would end up being: "Why us? Go pick on someone your own size!"

Not to be a spoil-sport, but I thought the "other side" oughta be heard from, hi...

Ah, the bracing, invigorating chill of icy cold water thrown, heartlessly, on a naked, defenceless idea. Still, your points are well taken. What this means is that the notion must be refined. Any ideas?

From dedicated correspondent Erich Schulman (KTN4CA, Oak Ridge, Tennessee) comes the following letter which refers to a number of interesting things:

Part of this letter is in response to your February 1986 edition of CONTACT.

First, on choosing equipment, you stated "First you must make a clear assessment of your needs. Second, you should make a survey of the literature, and of owners/users of the equipment..." I feel there is a third important factor as well. Also, you should think about what you are likely to do with the gear a few years later. When I was considering a receiver, I anticipated making tapes off-the-air. I was right: since I got the receiver, I have made scores of recordings ranging from MUSICA DEL ECUADOR on HCJB to KCBI's inaugural transmission. I picked the [Yaesu] FRG-7 as it delivers reasonably clean audio (despite the relatively high 50mV output from the record jack)

it is easy to connect to a tape deck, and its volume control does not affect the recording (I'd rather set the levels at the deck). I examined other receivers in the same price class, and found them not to be quite as good with recording. Even now, 4-5/12 years later, I am still satisfied with the FRG-7's performance.

I, too, wanted to find out how much the 1KW SW transmitter would cost. I found the figure of \$250,000. The amount came from the estimate of John Parkell(sp.?), the owner of HITS 100/WOKI, the 71st most listened-to station in the U.S.

Finally, allow me to quote a part of my contribution appearing on p. 24 of the September 1984 Review of International Broadcasting:

"I first wrote them (WYFR) on 26 December 1983 to get their 10th anniversary QSL, which I did get -- and more. Ever since then they have been bombarding me with requests for cash. With all they're spending on postage to send out that stuff, it's no wonder they ask for money."

A few weeks ago, Glenn Hauser reported on WORLD OF RADIO that WYFR was abolishing their mailing list, thus ending solicitation. Frankly, I am relieved to know that I no longer have to get begging and pleading form letters which I always donate to the circular file[...]

A QUARTER OF A MILLION DOLLARS FOR A SW TRANSMITTER?!?!?. Whew! Can this be true? And for a mere 1KW, at that! Can anyone else provide some information? As regards soliciting form-letters -- you are, of course, always free to write to the offending organization and ask them to cease. Still it's their money to spend as they wish. After all, when you send them a reception report, they have no way of knowing just what your interest is in the station and its work. If there is any question, it is up to you to set the record straight.

Well, that's about it for the letters this time around. I may say that the mail has been a trifle thin of late. I have taken the optimistic view that this is due to the fact that everyone is so busy writing reception reports, UPDATE reports, and LOG reports, that there is no time left over for letters to CONTACT. Still, if you find yourself with a few minutes on your hands, do please drop us a letter -- suggest a topic for discussion, air a grievance, or tell us about some wonderful thing that you've heard or read about broadcasting. In any case, my thanks to those who have written -- keep up the good work!

\$ \$ CONTACT NOTES \$ \$

I had planned this month to examine sources of SWBC information that appear more frequently than once a year, but excluding the monthly journals issued by SW clubs. That will have to be put off for a month or two. But I will take the time to mention one possibility that you might want to consider -- The International Listening Guide. This work appears four times a year, timed to coincide with the regular changes in frequency that SW broadcasters make throughout the year: the second week in March, May, September, and November. I have in hand a copy of the November 1985 edition and will describe that to you, although changes in format will make their appearance with the March 1986 edition. Containing 96 pages, the work is divided into two sections. The first section lists broadcasts in English, by time in two-hour blocks. In addition to the frequency listing, there is also schedule information about the occurrence of news/commentary/magazine programs on the major international services. Additionally, and this is a very nice touch indeed, there is a listing of any DX/SW programs that are broadcast in the given time-block under consideration. The second section is a listing by frequency (5850 to 26000 kHz) of all SW broadcasters (both international and domestic). Information about times of broadcasts and languages used is presented graphically, in a manner similar to Radio Database International; the principal difference being that ILG identifies languages by abbreviations, while RDI uses graphic symbols to indicate the same thing. The only information that ILG seems not to give is broadcast power. Target areas are indicated. Beginning in March '86 the ILG will be in a larger format, and the March and September editions will contain a TROPICAL BAND survey. A yearly subscription (4 issues) costs US\$12. A sample copy can be had for 7 IRCs. Write to International Listening Guide, Merianstrasse 2, D-3588 Homberg, West Germany. Excellent value for a work that is the result of monitoring and info. from the broadcasters. More next month about this fine work.

73-





Easy Listening

Editor: Alex Batman, 4636 Alvin Dark, Apt. 2, Baton Rouge, LA 70820

SUNDAY

0100-0125: "The Jazz Place" (Radio Havana Cuba).
A half-hour of contemporary jazz, both North American and Latin American. There is little commentary between songs, but sometimes the musicians on a particular piece are mentioned by name. Other than that, it's just good jazz. (6100/6140/9740. Repeated at 0300 and 0500. At 0500, 6090 replaces 6140).

0225-0240: "This is South Africa" (Radio RSA).
Each edition features a single aspect of life in South Africa that is covered in some detail. Past features have included the seed trade, the Institute for the Study of Man in Africa, and the astronomical observatory on a mountain near Cape Town. (6010/9615/5980).

MONDAY

0015-0030: "Looking Around Spain" (Spanish Foreign Radio).
Each week this program features a different town in a Spanish province--its landmarks, its history, its culture, etc.--as well as playing about three folks songs from the region. At least half a dozen editions featured the La Mancha region of Spain, and more recent episodes have been featuring towns in the province of Leon. If you're planning to visit Spain anytime soon, this program will certainly help you decide what to look for once you get there; if you're not planning on going to Spain, this is not all that bad a substitute. (9630/11880. Repeated at 0115 on the same frequencies and at 0515 on 9630/6055).

0225-0235: "Ecology" (Radiobras).
A program devoted to the ecology of Brazil, both the natural and the manufactured. One program, for example, featured a well-known rose farm in a Brazilian state; another interviewed a Brazilian wildlife photographer. The natural features of Brazil, like a famous cave in another Brazilian state, are also described and detailed. (11745) Every other week.

TUESDAY

1315-1320: "Belgian Politics" (BTR).
A program devoted to the ins and outs of Belgian politics in general, and rather more narrowly, Flemish politics in particular. Not only are political issues discussed, but the positions of the various parties and political maneuvering are also analyzed. (15590).

0425v-0430v: "Cultural Scene" (Radio Sofia).
A rather good, if short, arts program with some excellent critical commentary. Past editions have featured English works available in Bulgarian translations, an interview with Kiril Popilov (a Bulgarian writer), as well as a review of an exhibit and even a feature on circus artists. I must admit, however, that for the last month or so I've not heard the program. I believe it's being aired slightly after 0430 now (and that conflicts with the Tonight show). (7115).

WEDNESDAY

1230-1300: "Books and Publishing" (Radio Australia).
Each program consists of three interviews, either with authors whose books have just been published or with someone in the publishing houses themselves. All kinds of books are considered: non-fiction, fiction, and children's books. (9580/6060).

1335-1350: "One in a Hundred Million" (Radio Japan).
Each program features an interview with a Japanese man or woman notable for his achievements or his idiosyncracies. One program, for example, featured an interview with a woman who was taking photographs of her native village to preserve it for posterity after it would be flooded by a new dam being built. Another program featured a man who kept an inn in a remote area of Japan and tried to help preserve the wilderness, and still another featured an interview with a man whose works of mosaic art have been displayed in several countries. (5990).

THURSDAY

0230-0245: "World Wide Shortwave Spectrum" (VOA).
Actually this program is a part of Thursday night's edition of "VOA Magazine" rather than an entirely independent entity. As a DX program it seems geared primarily for novice SWLs and has included, besides some rather basic information about shortwave listening, equipment reviews, reviews of the 1986 WRTS, and reviews of the ANARC and EDXC contentions. Also answers listeners questions. (5995/6130/9455/9650/11580/11675).

0410-0420: "Events and Developments" (Radio Sofia).
A program of editorials on recent events in the news, usually three or four per program. The fare is pretty much the same on a daily basis--arms talks, the middle east, etc--but this is one program where the Mehet Ali Adja trial is still kept alive. I hardly hear it mentioned anywhere else anymore. (7115). M-F, except Wednesday.

FRIDAY

0245-0300: "The Hobby Kings" (HCJB).
A program for stamp collectors. In addition to reviewing commemorative or thematic issues--like the Food Day Stamps from various countries, the independence anniversary stamps of Botswana, and past issues of stamps from Antarctica, etc--there is also usually a special feature that involves someone in the field of stamp collecting. Past interview series have included postmarks, stamp forgeries, and "Cinderella" stamp collecting. Actually quite an interesting program. (9870/6230).

SATURDAY

0230-0300: "DX Party Line" (HCJB).
This is probably one of the best DX programs on the air, aimed at the intermediate or advanced DX-ers. Saturday night's edition includes a station profile (as do the Monday and Wednesday night editions), "Ham Notes" by Duke Alexander, David Sharp's "SPEEDX Report", and Wayne Hynan's "Medium Wave Interlude". Wednesday's edition has a special feature on "Understanding Shortwave", and all three night's feature John Beck's "Tips for Realing Living". (9870/6230) M-W-S.

SATURDAY (continued)

0315-0330: "From Our Own Correspondent" (BBC).

Each edition features three on-the-spot reports from BBC correspondents all over the globe. Past reports have included the oil industry in Norway, PLO attacks in Israel, and the discovery by Egyptologists of the tomb of Maya, the secretary to King Tut. (6175/6120/5975).

As a final note, I would like to thank those people who have written to me with their comments over the past few weeks. --Jerry Wachter of Chicago, Gerald Kercher of Quaker Hill, CT (who suggests, by the way, that the newsreader for RAI may be reading the news in English without actually understanding the language. Certainly a possibility), and Ken MacHarg, the host of "Saludos Amigos" on HCJB. One reason I especially would like to thank these people is that sometimes at home on a weekend afternoon typing up this column to be in Pennsylvania in time for the next edition of FRENEX, I'm sometimes curious as to whether or not I'm merely amusing myself. It's nice to know that the column does get read.

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: Info-Tech M-200F RTTY/CW decoder, RCA monitor, cables and RTTY books. Value of \$550.00 new, will sell for \$325.00 or best offer. SPR-4 crystal for 25.5-26.0 MHz, \$6.00. Jim Uerlings, 1437 Pacific Terrace, Klamath Falls, OR 97601. Phone (503) 884-7659 after 0115 GMT.

FOR SALE: Set of 10 WRTVH from 1976 to 1985. Price \$50.00. I will pay postage. Erwin Schoen, 1804 N.E. Hancock Street. Portland, OR 97212. Phone (503) 282-7037.

FOR SALE: Drake R-4C. Filters 4.0 AM, 2.4 SSB, 1.5 CW and SSB, notch, and passband. New audio amplifier, new prod. det. and new power supply by Sherwood Engineers in Jan. 86. Auto switch to FS-4 synthesizer. Fifteen accessory crystals. Original carton. \$400.00 includes shipping. Will consider trade up or down. Bart Beal, P.O. Box 1246, Walla Walla, WA 99362. Phone (509) 529-0073 anytime.

FOR SALE: Kenwood R-1000 general coverage receiver in excellent condition. Modifications by Radio West: ceramic and Collins mechanical filters, slow-medium-fast AGC, DC power jack installed. SP-1000 external speaker, owner's manual. Price \$275.00. Victor Barz, Room 3208 Cross-Baits II, Ann Arbor, MI 48109. Phone (313) 763-2848 between 1200 and 1500 or 0000-0500 UTC.

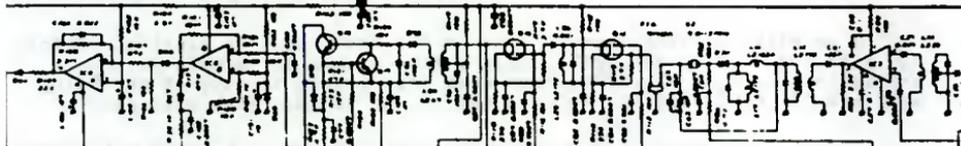
FOR SALE: Sony ICF-2001, \$95.00; ICF-6700W, \$175.00. Prices include shipping. Customized Beam Headings (from/to) and distances (MI/KM) to over 355 WRTH transmission sites. Useful in picking alternate transmissions and selecting listening times bases on distances. ITU Country Codes included. Send your location or coordinates. Price \$6.00. Gilfer Confidential Frequency List (5th edition), Guide to RTTY Frequencies (2nd edition), FRENEX complete 1984/1985, \$5.00 each. Cashiers check or money order, please. Al Drehman, Route 2, Box 3B, Tryon, NC 28782. Phone (704) 894-3398.

WANTED: I would like to obtain copies if the WRTH test reports for the Panasonic RF-2600 (1981 WRTH) and the Icom R-70 (1983 WRTH). Steven Johnson, 6409 Hartman, Omaha, NE 68104.

FOR SALE: Take a look at these DX targets! Attractive color photographs of Latin American radio stations suitable for framing and hanging in the SX shack - or in the living room if the XYL will let you. Radio-emisora Bolivia, 4755 kHz; La Voz de Las Caras, Ecuador, 4795 kHz; and Radio Luz de Vida, Honduras, 3250 kHz. Size 4 x 6, \$1.50 each or a set of three for \$4.00. Size 5 x 7, \$2.50 each or a set of three for \$6.50. Overseas and larger size rates available upon request. All photos are mailed first class in a manila envelope between sheets of cardboard. Don Moore, 693 Fullerton Avenue, Apt. #103, Glendale Heights, IL 60139.

FOR SALE: Collins R-390A in excellent shape with manual and extra tubes. Price \$250.00 or trade. Will deliver within 150 miles from my home. Fritz Mellberg, Box 108, Hawarden, IA 51023. Phone (412) 552-2458.

Technical Topics



Editor: T. J. "Skip" Arey, WB2GHA, P. O. Box C-4, Cinnaminson, NJ 08077

MARCH IN DECEMBER
OR
IN LIKE A LION, OUT LIKE A LAMB

I am sitting here feeling slightly unstuck in time. Due to personal commitments I find myself writing an article for March 1986 in December 1985. And I don't even have the anticipation of Beck Beer to see me through this project. No anticipation of Spring. But then, sunspots and Haley's comet notwithstanding this (Dec.) is the best of the DX season so I guess I can draw my inspiration from the distant signals pouring out of the radios.

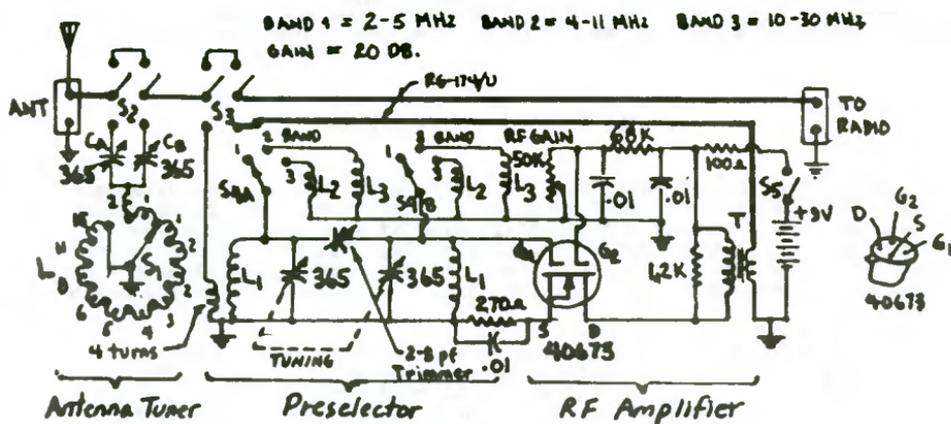
I received a thick envelope from G.B. Communications recently that contained a rather strange spidery looking object. GLENN BOODEY K8EYU is the kind of guy that, apparently, works best under pressure. Whilst providing emergency communications during the 1981 eruption of Mount St. Helens, Glenn came up with a circuit that provides good reception of SSB signals via an R390 receiver without a regular sideband adapter. The Military CV-157/URR Sideband adapter weighs more than the R390 and really consumes vast quantities of electrons. A real power hog. Glenn's little goodie will do the job and it only weighs one oz. (witnessed to by the 22¢ stamp on the envelope it came in) Four connections to the terminal strips on the back of the rig and you're in business. The circuit serves to clean up the audio of the "Donald Ducks" to the point that you can understand the communications. Now we must note at this point that any SSB signal is designed for communications and not fidelity. With that in mind you will be hard pressed to find a better deal than the \$29.95 that this unit costs. You will pay in the area of \$50 for a CV-157/URR plus shipping for about 70 pounds on this gut buster. The G.B. Communications module does a reasonable job without the hassle of the military unit. And your spouse, parents, life-mate, etc. will appreciate that fact that the lights don't dim when you turn on your receiver. Glenn's SSB adapter comes in a "potted" module to assure protection of the components. Further, Glenn also assures customer service after the sale, something only a cottage industry like Glenn's can provide in this "modern" world. You can write Glenn about his product at G.B. Communications, 963 Birch Bay Lynden Road, Lynden, WA 98264. Phone (206) 354-5884.

CATALOG CORNER: RADIO KIT, Box 411, Greenville, NH 03048 (603) 878-1033 These folks charge 50¢ for their catalog but if you are a DRAKE R4, A, B or C user you will appreciate their General Coverage Board and their Product Detector modification. Radio Kit is the last bastion of the home builder, offering many hard to find components to gladden the heart of homebrewers everywhere. When was the last time you tried to buy an air variable capacitor at your local Shadio Rack?

ANTIQUE ELECTRONIC SUPPLY, 1725 W. University, Suite 2, Tempe, AZ 85281 offers a catalog chock full of old tubes and radio parts. While they tend to specialize in radio's of the 20s through 50s, many of the parts in this catalog have infinite applications. Don't miss their "Nipper" the RCA dog statue. part# AE-108.

DAVILYN CORPORATION, 13406 Saticoy St., North Hollywood, CA 91605 phone (818) 787-3334 offers just about any piece of military surplus electronics gear you could hope for. If you are looking for quality radios or test gear at a practical price you should really check out the surplus market. They also sell partial units, tubes, and hard to find parts.

I am still sorting through some of the stuff sent to previous editor JIM HERKIMER. Out of this pile rises a fine design for a selective pre-amplifier from KURT ENKENHUS. Kurt uses this preamp to support his DXing with his ICF-6500 and his NAD-515 but it can be used with most gear.



COIL	L	L1	L2	L3	T
Form	T-68-6	T-68-6	T-50-6	T-50-10	FT-37-43
Turns	60°	54	27	10	20 (pri), 4 (sec)
Wire	#20	#26	#24	#22	#24
* Turns between taps shown on ckt diagram					

SWITCH	TYPE
S1	12 pos.
S2, S3	DPDT
S4, B	2 P, 3 pos.
S5	SPST

This Selective Preamplifier connects between the antenna and short wave set. I have found that it significantly improves signal-to-noise in DX reception. It combines an antenna tuner with a three-band preselector having a 0-20 db gain control. The switches S2 and S3 allow either unit to be connected or bypassed.

The antenna tuner is particularly useful in matching long wires. Switch S1 is used to select the tap of inductor L providing maximum signal. Capacitors C_A and C_B are then peaked up.

The preselector signal is tuned with the two-gang condenser, and amplified by a 40673 dual-gate MOSFET. RF gain is controlled by the voltage applied to gate G2. Switch S4 changes bands by connecting additional inductance (L2 or L3) in parallel with L1. The broadband transformer, T, matches the drain load to the 50 ohm impedance of the receiver.

The coils are wound on toroidal cores available from Amidon Associates, 12033 Otsego St., No. Hollywood, CA 91607. Wind similar coils as identically as possible. Surplus one- and two-gang variable capacitors are stocked by Fair Radio Sales Co., P.O. Box 1106, Lima, Ohio 45802. Note that C_A and C_B must be insulated from ground. Suitable rotary and toggle switches are sold by Radio Shack. The 40673 MOSFET is carried by Jameco Electronics, 1355 Shoreway Rd., Belmont CA 94002. Once the parts are on hand, the builder can select his own layout (which should not be critical) and cabinet.

The only additional circuit detail Kurt points out is that you will notice that no trimmers are provided for alignment of the coils. Kurt found that trimmers were not needed if the coils are wound as alike as possible for each band, and the wiring layout is kept similar for each of the two tuned circuits which precede the MOSFET RF amplifier.

JERRY BERG reminds us of a good source for cabinets for military surplus receivers such as the R-390A. John J. Meshna, Jr., Inc. P.O. Box 62, E. Lynn, MA 01904 (617) 595-2275 can fix you right up. They welcome phone orders and the folks at Meshna know their stock well enough to quote the best price over the phone.

One last note in what seems to have become the first annual surplus edition of Technical Topics. Loose lips at a recent party revealed that the armed forces are speeding up the decommissioning of the remaining R-390A's in use. Good news for the semi-broke DXer looking for a great deal on a piece of quality equipment. It is no secret that your humble editor likes this receiver. So you can expect to hear a great deal about it in this column. But please be aware that this column is for all manner of receivers. You can assure that I do not ramble on about the R-390A in future issues by taking the time to jot down a review of your own favorite radio. Join in the fun and become a big time radio writer with people asking for your autograph at ANARC conventions.

Keep those cards and letters coming folks,

73,

Skip
WB2GHA

ATTENTION MONITORS!

I am organizing a cassette-exchange project with shortwave monitors in key reception areas of the world. The purpose of this project is to exchange tapes of current reception conditions of shortwave broadcasting stations as heard in Australasia, East Asia, Southwest Europe and southern South America with cassettes containing my results as heard in the Eastern part of North America.

The recordings will be two-minute excerpts of each station heard in the listener's area. One side will consist of broadcasts beamed to the listening area, while the other side contains broadcasts intended for another part of the world that can be audible in the listening area. The 6, 7, 9, 11, 13, 15, 17, 21, and 26 MHz bands will be covered--no tropical bands, please, as the emphasis will be on the technical quality of international shortwave broadcasting, especially since the low sunspot numbers and increased interference on the lower bands are making shortwave reception difficult.

These recordings, which will be made on 90-minute cassettes, will be exchanged every two months, in order for recordings to be updated at the start of the M, J, S, and D schedules, as well as in January and July, at the mid-point of the D and J schedules, where many stations will have changed frequencies to avoid interference.

So far, I have only one participant in this project, from Norway. However, a coordinated effort is necessary to determine reception conditions in all six "target areas".

I look forward to hearing from monitors in the above-mentioned areas. If you have enough time to monitor shortwave broadcasts (e.g. most of the day or throughout the weekend), please send your name, address, and description of the receivers and antennas used, to: PROPAGATION PROJECT, 3121 Fairdale Road, Philadelphia, PA 19154, U.S.A. A quick response will ensure me to make my first recordings from Eastern North America at the start of the US86 (summer) broadcast schedule.

Thank you for your cooperation.
73's from

Joe Hanion

NASWA Awards Program:

Awards Chairman: John M. Kapinos, 86 S. Quinsigamond Ave., Shrewsbury, MA 01545

The following folks received NASWA Awards during the month of January 1986:

Kirk ALLEN, Ponca City, OK: European Continental DXer, World Wide DXer, DX Centurian, Ecclesiastic DXer, North American Continental DXer, All Continent "QRP" DXer (25 KW), DXer de Pacifica

Dr. Harold CONES, Newport News, VA: ORTF DXer, Senior Time Station DXer, Australian DXer

Nelson GEORGE, Fayetteville, NC: Senior DX Centurian

Kenneth R. HILL, Somerville, MA: World Wide DXer, European Continental DXer

Don MOORE, Glendale Neights, IL: Senior Ecuadorian DXer

Terry J. PALMERSHEIM, Columbia Heights, MN: Arab World DXer, Master British Commonwealth DXer

Thomas V. ROSS, Lyons, IL: Australian DXer

John WILKINS, Wheat Ridge, CO: Australian DXer

*****KAP'S KOMMENTS*****

We have been advised by Don Moore, NASWA's Latin American DXing expert that the Senior Venezuelan DXer requirements are now impossible. Thus, and a tip of Kap's cap to Don, the requirements are changed as follows, effective now: "For verification of at least one station in each of 12 Venezuelan States"

For the benefit of the old timers out there, we offer endorsement stickers for each additional state over 12.

We will never change Award requirements just to make the Award easier to obtain. However, when circumstances dictate that an Award is impossible to obtain, changes will be made. I surely don't want a cabinet full of Award certificates gathering dust.

Our thanks to the Association of DX Reporters (ADXR) for the nice plug they gave the NASWA Awards program in their February bulletin. The ADXR is an all band club and recently published a new book listing Coastal Stations (UTES) in the U.S. Cost is \$3.00 each and the booklet may be obtained from ADXR at 7008 Plymouth Rd., Baltimore, MD. Tell them Kap sent you.

Re our Wizard of ID Cartoon last month, looks like the writer has some knowledge of Religious Broadcasting, as he had a neat strip in the February 16 Sunday Papers. Space limitations don't allow me to reproduce it, but I'll supply a copy for SASE.

If anyone out there has Radio Moscow furnished French or Portugese report forms, we'd appreciate a copy so that we can pass them out to our readers. Radio Moscow will often QSL foreign language broadcasts (along with transmitter site) if the report is in the language heard, but rarely if ever will they QSL English reports on their foreign language broadcasts.

BESi, *[Signature]* 2/12/86



Computer Corner

Editor: Bill Cole / 107 Charles Street / N. Cape May, NJ 08204

R-70 COMPUTER CONTROL PROGRAM MODIFICATIONS by Tom McElvy and the Old Dominion DX Association

Undoubtedly, David Oliver's Computer Control Program for the ICOM R-70 was a major breakthrough...it provided anyone with a Commodore 64 Computer with all the capabilities of the R71, without that radio's shortcomings.

We have written additional lines for the program, to provide the user with greater flexibility. Below is a copy of the 4 lines to add to the program:

```
191 IF A$="," THEN F=(VAL(FD$)/1000)-.001:GOTO 460
192 IF A$="." THEN F=(VAL(FD$)/1000)+.001:GOTO 460
193 IF A$="␣" THEN F=(VAL(FD$)/1000)+.01:GOTO 460
194 IF A$="␣" THEN F=(VAL(FD$)/1000)-.01:GOTO 460
```

The unusual character in line 193 is a single stroke of the cursor down key; in line 194 it is cursor right.

What you end up with is this: when the [unshifted] < is depressed, you move the frequency DOWN 1 KHz; when the [unshifted] > is depressed, the radio moves UP 1 KHz. When the cursor down is depressed, the R-70 moves DOWN 10 KHz, and finally, when the cursor right is depressed, the radio moves UP 10 KHz.

The logic is simple...sometimes you may want to shift off center frequency to improve reception, locate interference; the () Keys allow you to do that. If you like to manually scan, or DX on MW as many do, you can step in 10 KHz steps (of course, you could change it to 9 KHz if you desire, to match other band plans).

These modifications have made the already wonderful program even better. Hopefully, we will have more modifications for this control system in the near future, including memory screens similar to those employed for the R-71 program.

If you have any suggestions for the program, please feel free to write, but please enclose a SASE.

Tom McElvy WDX4KQH
P.O. LBx 9645
Norfolk, VA 23505

ED's NOTE: FREQUENCY CONTROL FOR ICOM R-70 (for Commodore 64) was reviewed in the October 1985 Computer Corner. At that time, it was being marketed for \$14.75 on cassette and \$16.75 for disk. Address inquiries to:

David L. Oliver
RR 2 Box 75A
Shelvin, MN 56676

REMARK: If you have ELITZ! (c) or some other compiler, try it on this program. You will be pleasantly surprized at the increase in scan rate of the program.

XXXXXXXXXXXXXXXXXXXX

ODDX BBS

The Old Dominion DX Association is the latest club to put a computer bulletin board on-line for the use of its members and other interested persons. The system is on-line 24 hours per day at 1-804-851-8030. The BBS operates in the 300 baud, 8 bit, no parity protocol and is accessible to all computers with software emulating that protocol. The system uses the commercially available C-Net software.

I accessed the ODDX BBS last week and had a nice chat with John McColeman the SYSDOP. Unfortunately, my modem self destructed while I was on-line, so I didn't get a chance to access the entire board. However, I did extract a promise from John to put together a page or so description of the BBS. Hopefully, it will arrive in time to appear in next month's CC.

IBM PC Compatible Propagation Program

Thought the following might be of interest to your members. I have developed a propagation prediction program called MUF.BAS. The program is written in basic for the IBM PC or compatibles. It utilizes the Solar Flux Numbers, that are broadcast by WJW, to generate MUF predictions for a 24 hour period. The predicted frequencies and times are displayed as either a table or a graph, selectable by the user.

The program also features a convenient DX location look-up table which can be customized by the user to suit individual needs. Besides displaying the MUF prediction, the display includes other useful information such as: the date, the latitudes and longitudes for the selected path end points, the beam heading, path length, number of hops and both the Solar Flux and Sunspot Numbers.

The program is easily modified for the user's location to be used as the default for one end of the path. User selection options then are to run the path between his home location and any selection from the look-up table; or between the user's home and a manually input location; or between 2 manually entered locations.

The program which is being distributed under the Shareware concept (if the program is of value to the user, a \$20 contribution is requested) consists of 3 files: MUF.BAS the program file, MUF.DOC a nine page detailed documentation file, and README.MUF which instructs the uninitiated on how to print the documentation file. It is currently available on several bulletin boards.

MUF.BAS is an excellent tool for DXer's and SWLer's alike in making efficient use of their operating/listening time and for Contesters in planning contest operating strategy.

Anthony R. Gargano
32 Bryant Road
Turnersville, NJ 08012
USA

ED's NOTE: The above was extracted from a letter to Bill Oliver at NASWA HQ.

ANARC Terminal Program

Your Computer Corner Editor has put together the ANARC Terminal program, to communicate with the numerous shortwave computer bulletin boards. This program will run on the Commodore 64, SX-64 and Commodore 128 (in 64 mode) computers. It uses the protocol for the Commodore 1650 modem and is compatible with Westridge, Tele Learning and other modems using 1650 protocol. The terminal itself uses the New Punter and is compatible with the ODDX Up/Downloading feature.

This is a simplified terminal program and has the numbers of the most popular shortwave bulletin boards built in for autodialing. Send a blank 5.25 in. disk and \$2 to cover return postage (\$3 US funds overseas airmail) to the address at the beginning of the column.

This QSL letter was received by Marlin Fields. As you can see, DXers sometimes do give information other than how well they heard the transmission.

Restoring N.T. Christianity
Box 146
Dexter, New Mexico 88230
United States of America

December 20, 1985

Marlin A. Field
128 Oak
Hillsdale, MI 49242

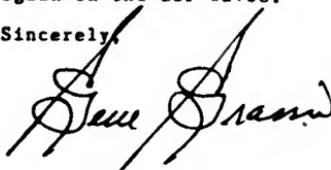
Please accept my sincere apology for the long delay in answering your reception report. There are several reasons for the delay: 1) Our primary objective via Radio Nacional de Guinea Equatorial in Bata was to preach the Gospel. We did not expect the landslide response from DXers all over the world! Evidently our address was given in some of the DXer publications as a source of confirmation for the Bata station; 2) As a result of the many reception reports we learned that our daily programs were not being played or being played at random times while someone else used our spot! We questioned the station management about these reports, but they assured us that the program was being aired at the correct time. To make a long story short, the DX reception reports showed otherwise, so we cancelled the program on the Bata station. Response from listeners other than DXers was very poor.

I hope it is not too late to confirm your report of programming on RADIO AFRICA, Radio Nacional de Guinea Equatorial, the city of Bata.

Date: Dec 26 1984
Time: 1714 - 1815 GMT
Frequency: 15.106 kHz
Meter Band: 19m

Thank you once again for writing and I hope we will meet again on the air waves.

Sincerely,



*Thanks for the pocket
calendar*

Marlin also reports that HRVC, the Evangelical Voice of Honduras, celebrated its 25th birthday last December. The station did not have a very impressive beginning back in 1960. It used a piece of wire which was stretched between two trees on a mountain overlooking Tegucigalpa. It broadcast only two hours a day, its power being 1000 watts.

Today HVRC is on the air 18 hours a day using a 10,000 watt MW station, a 5,000 watt SW one, and an FM transmitter. Further expansion is being planned. The station is now involved in a \$50,000 fund-raising project to enable it to build a repeater station in San Pedro Sula, the second largest city in Honduras.

ENGLISH LANGUAGE BROADCASTS TO EAST & CENTRAL NORTH AMERICA March 86

Compiled by Roger Legge, Box 108, Arlington, VA 22210

Deduct 1 hour from EST to convert to CST. M-F refers to EST days. Some announced frequencies omitted due to poor or non-reception. * -Not intended for NA, but receivable.

MORNING

EST	UTC	Station	Frequencies (Khz)
5:30-6:25am	1030-1125	Hilversum, Holland	6020b, 9650b
6:00-7:00am	1100-1200	Moscow, USSR	9500h, 11750, 13705
		Peking, China	9820
6:00-8:30am	1100-1330	London, England	5965c, 6195w, 11775w, 15070
6:00-9:00am	1100-1400	Melbourne, Australia	9580, 6060
6:15-7:55am	1115-1255	TWR, Bonaire, NWI	11815
7:00-7:30am	1200-1230	Helsinki, Finland (M-F)	15400, 11945
7:00-8:00am	1200-1300	Moscow, USSR	9500h, 11750, 13705, 15475
		Peking, China	9535, 9640, 9820
7:00-11:00am	1200-1600	HCJB, Quito, Ecuador	15115, 17890, 11740
7:30-8:00am	1230-1300	Vienna, Austria (Sun: 12-13)	15320
7:35-7:45am	1235-1245	Athens, Greece	11645, 15630, 17565
8:00-8:25am	1300-1325	Montreal, Canada (M-F)	9650, 11955
8:00-8:30am	1300-1330	Helsinki, Finland (not Su.)	15400, 11945
8:00-8:30am Su	1300-1330	Su Oslo, Norway	15305
8:00-8:55am	1300-1355	Brussels, Belgium (not Su.)	15590
8:00-10:00am	1300-1500	Moscow, USSR	11750, 11840h, 13705, 15150, 15475
9:00-9:30am	1400-1430	Helsinki, Finland	15400, 11945
		Stockholm, Sweden	15345
9:00-9:30am Su	1400-1430	Su Oslo, Norway	15305
9:00am-12n Su	1400-1700	Su Montreal, Canada	11955
10:00-10:30am	1500-1530	Helsinki, Finland	15400
10:00am-12n	1500-1700	Moscow, USSR	11840h, 13705, 15475
11:00am-12n	1600-1700	*Paris, France	17620, 15425 (Paris Calling Africa)
11:00am-1245pm	1600-1745	London, England (Sa/Su 1500-)	9515c, 15070, 15260c
AFTERNOON			
1200-12:30pm Su	1700-1730	Su Oslo, Norway	15305
1200-3:00pm	1700-2000	Moscow, USSR	9765, 11705, 11840h
3:00-3:30pm	2000-2030	Jerusalem, Israel	7410, 9435, 9815
3:00-5:00pm	2000-2200	Moscow, USSR	7290, 11840h
3:10-4:40pm	2010-2140	*Havana, Cuba	11795
4:30-5:00pm	2130-2200	*Sofia, Bulgaria	7100, 7115
EVENING			
5:00-5:50pm	2200-2250	Tripoli, Libya	15450
5:00-6:00pm	2200-2300	London, England	5975, 6175w, 7325, 9915
		Moscow, USSR	6020, 7115, 7185, 7195, 7290
5:30-6:00pm	2230-2300	Jerusalem, Israel	7410, 9435, 9815
5:30-6:30pm	2230-2330	Sofia, Bulgaria	6070, 11720
6:00-6:30pm	2300-2330	Montreal, Canada	9755, 11710
		Stockholm, Sweden	9695, 11705
		Vilnius, Lith, SSR	5905, 7165
6:00-7:00pm	2300-0000	Ankara, Turkey	9560, 7215
6:00-7:30pm	2300-0030	London, England	5975, 6120c, 6175w, 7325, 9590c, 9915
6:00-8:00pm	2300-0100	Moscow, USSR	6000h (0000-), 6020, 6130, 7115, 7150, 7185, 7245, 7290, 7335, 9720
6:05-6:55pm	2305-2355	*Warsaw, Poland	7270, 7125 (Concert)
6:15-7:00pm	2315-0000	*Berlin, DDR	6125, 6165

EST	UTC		
7:00-7:30pm	0000-0030	Jerusalem, Israel	5885, 7410, 9435
		Montreal, Canada	5960, 9755
		Tirana, Albania	7065, 9760
7:00-7:30pm Su	0000-0030	Mo Oslo, Norway	9605
7:00-8:00pm	0000-0100	Havana, Cuba	6100, 9740
		Peking, China	9820, 11685, 11970
		Sofia, Bulgaria	6070, 11720
7:00-9:00pm	0000-0200	Madrid, Spain	6055, 9630
7:00-11:00pm	0000-0400	*VOA, Washington, USA	5995, 6130, 9455, 9650, 11580, 11675
7:15-8:00pm	0015-0100	Berlin, DDR	6080, 9730
7:15-8:15pm	0015-0115	Tokyo, Japan	11870
7:30-8:00pm	0030-0100	Kiev, Ukr. SSR	5905, 7165, 7205
		Lisbon, Portugal	6095, 9680
		Montreal, Canada	5960, 9755 (As It Happens M-F)
7:30-8:25pm	0030-0125	Brussels, Belgium	5910
7:30-9:00pm	0030-0200	HCJB, Quito, Ecuador	9870, 15155
7:30-9:30pm	0030-0230	London, England	5975, 6120c, 6175w, 7325
7:50-8:05pm	0050-0105	Vatican City	6015, 9605, 11845
8:00-8:20pm	0100-0120	Rome, Italy	9575, 11800
8:00-8:30pm	0100-0130	Jerusalem, Israel	5885, 7410, 9435
		Montreal, Canada	5960, 9755
8:00-8:45pm	0100-0145	Berlin, DDR	6080, 9730
8:00-8:50pm	0100-0150	Cologne, W. Germany	6040w, 6085m, 6145, 9545w, 9565m
8:00-9:00pm	0100-0200	Buenos Aires, Argentina	9690, 11710
		Managua, Nicaragua	6015
		Prague, Czechoslovakia	5930, 7345, 9540, 11990
8:00-10:00pm	0100-0300	Havana, Cuba	6100, 6140, 9740
		Moscow, USSR	6000h, 6020, 6070, 6130, 7115, 7150, 7245, 7290, 7331
8:30-8:40pm	0130-0140	Athens, Greece	7430, 9420, 9905
8:30-9:00pm	0100-0200	Tirana, Albania	7120, 9760
		Vienna, Austria	6000
8:30-9:25pm	0130-0225	Hilversum, Holland	6020, 9895
9:00-9:30pm	0200-0230	Berne, Switzerland	6135, 9725, 9885
		Budapest, Hungary	6025, 6110, 9520, 9835
		Jerusalem, Israel	5885, 7410, 9435
		Montreal, Canada	5960, 9755
9:00-10:00pm	0200-0300	Brasilia, Brazil	11745
		Bucharest, Romania	5990, 9510, 9570
		Johannesburg, So. Africa	5980, 6010, 9615
9:00-10:30pm	0200-0330	Cairo, Egypt	9475
9:00-11:00pm	0200-0400	Taipei, Taiwan (via WYFR)	5985, 6065
		Warsaw, Poland	7270, 9525
9:00pm-12mdt	0200-0500	HCJB, Quito, Ecuador	6230, 9870
9:30-10:00pm	0230-0300	Montreal, Canada (M-F)	5960, 9755 (As It Happens)
		Tirana, Albania	7120, 9760
9:30-10:15pm	0230-0315	Berlin, DDR	6080, 9730
9:30-10:30pm	0230-0330	Hilversu, Holland	6165b, 9590b
9:30-11:30pm	0230-0430	Lndon, England	5975, 6120c, 6175w, 7325
10:00-10:30pm	0300-0330	Budapest, Hungary	6025, 6110, 9520, 9835
		Kiev, Ukr. SSR	6000, 7165, 7205
		Lisbon, Portugal	6075, 9565
10:00-10:50pm	0300-0350	Cologne, W. Germany	6010, 6085, 9545w, 9565m, 9640
10:00-11:00 pm	0300-0400	Moscow, USSR	6000h, 6070, 6130, 7115, 7150, 7335
		Prague, Czechoslovakia	5930, 7345 9540, 11990
		Havana, Cuba	6090, 6100, 6140, 9740
10:00-11:50pm	0300-0450	*Paris, France	6055gu, 9800gu
10:15-10:30pm	0315 0330	Vienna, Austria	6000
10:30-11:00pm	0330-0400		
11:00-11:30pm	0400-0430	Berne, Switzerland	6135, 9725
		Montreal, Canada	5960, 9755
11:00pm-12mdt	0400-0500	Managua, Nicaragua	6015
		Sofia, Bulgaria	7115

ENGLISH LANGUAGE BROADCASTS TO WESTERN NORTH AMERICA (1) March 86

Add 1 hour to PST to convert to MST. M-F refers to PST days.

MORNING

PST	UTC		
6:00-6:30am	1400-1430	Stockholm, Sweden	11705
6:00-7:00am	1400-1500	Seoul, So. Korea	9750, 15575
6:00-9:00am	1400-1700	Melbourne, Australia	9580, 6060
		Moscow, USSR (via Khab.)	5900, 5950, 5980, 7150, 7345

7:00-7:30am	1500-1530	Helsinki, Finland	15400
7:00-8:00am	1500-1600	Tokyo, Japan	5990
8:00-8:30am Su	1600-1630 Su	Oslo, Norway	11850
8:00-9:45am	1600-1745	London, England	9515c, 9750s, 11750s, 15260c
9:00-9:30am	1700-1730	Tokyo, Japan	5990
9:00am-12n	1700-2000	Moscow, USSR (via Khab.)	5980, 7345, 9580

AFTERNOON

12:00-2:00pm	2000-2200	Moscow, USSR (via Khab.)	9580, 12050
2:00-5:00pm	2200-0100	Melbourne, Australia	15320, 15395, 17795
2:00-6:00pm	2200-0200	Moscow, USSR (via Khab.)	12050, 15140, 15425, 15455, 17700

3:00-3:30pm	2300-2330	Vilnius, Lith. SSR (via Khab.)	11790, 11860, 15240
3:00-4:00pm	2300-0000	Tokyo, Japan	15420
3:00-4:50pm	2300-0050	Pyongyang, No. Korea	15230, 9745

4:00-6:00pm	0000-0200	Madrid, Spain	6055, 9630
4:30-5:00pm	0030-0100	Kiev, Ukr. SSR (via Khab.)	11790, 11860, 15240
4:50-5:05pm	0050-0105	Vatican City	6015, 9605, 11845

EVENING

5:00-5:30pm	0100-0130	Tokyo, Japan	15420
5:00-6:00pm	0100-0200	Buenos Aires, Argentina	9690, 11710
		HCJB, Quito, Ecuador	9870, 15155
5:00-6:30pm	0100-0230	London, England	6120c, 6175w, 9515gr, 11750a
5:00-7:00pm	0100-0300	Havana, Cuba	6100, 6140, 9740

6:00-6:30pm	0200-0230	Budapest, Hungary (not Su.)	6025, 6110, 9520, 9835
		Montreal, Canada (M-F)	5960, 9755
6:00-7:00pm	0200-0300	Brasilia, Brazil	11745
		Johannesburg, So. Africa	5980, 6015, 9615
		Seoul, So. Korea	11810, 15575
		Tokyo, Japan	11870, 15195, 9645
6:00-8:00pm	0200-0400	Moscow, USSR (via Khab.)	11710, 12050, 15140, 15425, 15455
		Taipei, Taiwan	11825
6:00-9:00pm	0200-0500	HCJB, Quito, Ecuador	6230, 9870
6:30-7:00pm	0230-0300	Montreal, Canada (M-F)	5960, 9755 (As It Happens)
6:30-7:30pm	0230-0330	Hilversum, Holland	6165b, 9590b

7:00-7:30pm	0300-0330	Budapest, Hungary	6025, 6110, 9520, 9835
		Kiev, Ukr. SSR (via Khab.)	11790, 11860, 15240
		Lisbon, Portugal	6075, 9565
		Montreal, Canada (M-F)	5960, 9755
		Tokyo, Japan	15420
7:00-8:00pm	0300-0400	Peking, China	9640, 11860, 11980
7:00-8:50pm	0300-0450	Havana, Cuba	6090, 6100, 6140, 9740
7:15-7:30pm	0315-0330	*Paris, France	6055gu, 9800gu

7:30-8:15pm	0330-0415	Berlin, DDR	6080, 9560
7:30-8:30pm	0330-0430	London, England	5975, 6120c, 6175w
7:40-7:50pm	0340-0350	Athens, Greece	7430, 9420, 9905
7:55-8:00pm	0355-0400	Yerevan, Arm. SSR (via Khab.)	11790, 11860, 15240

8:00-8:30pm	0400-0430	Berne, Switzerland	6135, 9725, 12035
		Montreal, Canada	5960, 9755
		Stockholm, Sweden	9695
8:00-8:40pm	0400-0440	TWR, Bonaire, NWI	9535
8:00-9:00pm	0400-0500	Ankara, Turkey	9560, 7215
		Managua, Nicaragua	6015
		Moscow, USSR (via Khab.)	11710, 11790, 12050, 15455
		Peking, China	9640, 11980
		Seoul, So. Korea	9570
		Sofia, Bulgaria	7115
8:30-9:00pm	0430-0500	Vienna, Austria	6155
8:30-11:30pm	0430-0730	London, England	6175w, 9510w
9:00-9:15pm	0500-0515	Jerusalem, Israel	7410, 9009, 9435
9:00-9:50pm	0500-0550	Cologne, W. Germany	5960, 6120w, 6130, 9690
9:00-10:00pm	0500-0600	Madrid, Spain	6055, 6125, 9630
		Tokyo, Japan	9735
9:00-11:00pm	0500-0700	HCJB, Quito, Ecuador	6230, 9870, 11910
9:00pm-12mdt	0500-0800	Moscow, USSR (via Khab.)	7175, 9505, 11710, 11755
9:30-10:25pm	0530-0625	Hilversum, Holland	6165b, 9715b
10:30-11:15pm	0630-0715	Berlin, DDR	6080, 9560
10:30pm-12mdt	0630-0800	Havana, Cuba	9525
11:00pm-12mdt	0700-0800	Tokyo, Japan	9735

Relay stations: a- Ascension, b- Bonaire, NWI, c- Canada (Sackville), gr- Greenville, USA, gu- French Guiana, h- Havana, m- Malta, s- Singapore, W- West Indies (Antigua)

On March 30, when much of Europe will change to Summer Time, the English language broadcasts of the following will move 1 hour earlier UTC: USSR, Bulgaria, DDR, Finland, Hungary.

FREQUENCY & SCHEDULE CHANGES

East North America

Ecuador: D85/M86: 9870 at 0030-0700, ex-9745. 6230 0200-0700, ex-6095.

Italy: 11800 at 0100-0120, replacing 5990.

Israel: 5885 at 0000-0300, replacing 5915, due to qrm from R. Moscow.

Japan: 11870 at 0015-0115, replacing 9645.

R. Moscow: World Service: 9500 Havana at 1000-1300, replacing 6000.

11750 Lvov (Plovdiv) at 1000-1500, replacing 15135.

11705 Simferopol at 1600-2100. 9765 Armavir at 1700-2000.

NA Service: 9720 to 0300, ex-7215. 7335 23-04, ex-5980.

7245 Krasnoiarak to 0300, ex-6090. 7185 2300-0100, ex-5915.

Norway: 15305 at 1700 Su., ex-11850. 0000 Mo. on 9605, ex-6030.

Spain: 6055 at 0000-0200, ex-11880, but both listed for M86, so might return to 11880.

Sweden: 11705 at 2300, ex-6045.

West North America

Japan: D85/M86 General Service (Japanese & English): 2200-0330 15420, ex-17755,

0400-0600 9735, ex-11950, 0600-1830 5990, ex-9505.

R. Kiev/Vilnius/Rodina 2200-0400: tentative schedule lists 15240, ex-9765.

R. Moscow: West Coast Service 0400-0800: Off - 5900, 6070, 6150, 6200, 7260 (04-06),

7290, 7345. Added: 7175 Khab. 05-08, 9505 Komsomolsk 0430-0800,

9675 Komsomolsk 0530-0700, 9790 0600-0800, 11710 Petropavlovsk 04-08,

11755 Vladivostok 0430-0800, 15455 Petro. 0400-0500.

Sweden: 1400 on 11705, ex-9695.

Taiwan: NA English only 0200-0400 on 11825. Off at 2140, 0100, 0300.

In his letter to "CONTACT" (page 1), Richard E. Berg-Andersson expresses his concern over the "Electronic Communications Act of 1985". I am happy to report that Richard T. Colgan, Executive Secretary of ANARC, has been working to present the radio hobbyists' side of the story. Richard sent the following Mailgram requesting an audience before the committee and on January 30, 1986 he appeared in Washington to deliver a direct and informative statement. While this act is not aimed at that area of the radio hobby covered by FRENDX, it would, if passed, probably begin to erode our rights also, and I would like to thank Richard T. "Terry" Colgan for his efforts on our behalf. We're lucky to have him as head of ANARC.

MAILGRAM SERVICE CENTER
MIDDLETOWN, VA. 22645
15AM

Western Union Mailgram 

4-015023S015002 01/15/86 ICS IPMBNGZ CSP AUSA
1 5124515897 MGM TDBN AUSTIN TX 01-15 1242P EST

THIS IS A CONFIRMATION COPY OF THE FOLLOWING MESSAGE:

5124515897 MGMB TDBN AUSTIN TX 349 01-15 1242P EST
ZIP

THE HONORABLE ROBERT W KASTENMEIER
2232 RAYBURN HOUSE OFFICE BUILDING
WASHINGTON DC 20515

THE ASSOCIATION OF NORTH AMERICAN RADIO CLUBS OPPOSES HR3378, AS PRESENTLY WRITTEN.

THE ASSOCIATION REPRESENTS 15 RADIO LISTENING ORGANIZATIONS WITH A COMBINED MEMBERSHIP OF OVER 10,000. WE BELIEVE THAT OUR CONCERNS ARE REPRESENTATIVE OF THOSE OF THE MILLIONS OF AMERICANS WHO OWN AND ENJOY SHORTWAVE RADIOS AND SCANNERS.

WHILE WE APPLAUD THE PROTECTION OF PRIVACY, WE DO NOT BELIEVE THAT RADIO TRANSMISSIONS ARE, PER SE, PRIVATE. AS WRITTEN, THE BILL HAS 4 MAJOR FLAWS.

FIRST, THERE IS NO DEFINITION OF "READILY ACCESSIBLE TO THE PUBLIC." THERE IS A SIMPLE TEST WHICH CAN BE USED TO DETERMINE READY ACCESSIBILITY.

SECOND, THE LIST OF STATIONS TO WHICH IT WOULD BE LAWFUL TO LISTEN IS NOT CONSISTENT AND NOT LOGICAL. THIS COULD BE EASILY SOLVED BY FORTHRIGHTLY ADDRESSING THE DEFINITION ABOVE.

THIRD, ANY LAW STEMMING FROM HR3378 WOULD BE VIRTUALLY UNENFORCEABLE, EVEN THOUGH IT WOULD MAKE CRIMINALS OF ORDINARY AMERICANS FOR LISTENING TO AIRPLANES, TRAINS AND SHORTWAVE UTILITY STATIONS. MANY OF THESE LISTENERS ARE ELDERLY AND MANY ARE DISABLED. RADIO LISTENING IS ONE WAY FOR THEM TO FIND OUT ABOUT AND ENJOY WHAT IS GOING ON IN THE WORLD.

FINALLY, THE BILL SHIFT THE RESPONSIBILITY AND COST FOR COMMUNICATION SECURITY FROM THE SYSTEM PROVIDER TO THE GENERAL PUBLIC.

WE URGE THAT THE FINAL FORM OF HR3378 PERMIT AMERICANS TO CONTINUE TO LISTEN TO ANY RADIO SIGNALS TO WHICH THEY ARE NOW PERMITTED BY FEDERAL LAW.

WE REQUEST THAT THE ASSOCIATION BE SCHEDULED TO TESTIFY ON HR3378 AT THE COMMITTEE HEARING ON JANUARY 30, 1986 OR A SUBSEQUENT DATE IF WE CANNOT BE ACCOMODATED ON THAT DATE.

WE STAND READY TO AID YOU AND YOUR STAFF IN REWORKING HR3378 SO THAT IT TRULY REPRESENTS THE INTEREST OF ALL AMERICANS. A MORE DETAILED ANALYSIS OF HR3378 WILL FOLLOW SHORTLY. AS A MATTER OF COURTESY, COPIES OF THIS MAILGRAM HAVE BEEN SENT TO THE STAFFS OF REPRESENTATIVE JACK BROOKS AND CARLOS MOORHEAD.

SINCERELY,

RICHARD T COLGAN, EXECUTIVE SECRETARY
ASSOCIATION OF NORTH AMERICAN RADIO CLUBS
8120 RIPPLEWOOD DRIVE
AUSTIN TX 78758
TELEPHONE: 512-451-5897



Listeners Notebook

GLENN HAUSER, Box 490756, Ft Lauderdale FL 33349

PROPER CREDIT Other publications and broadcasters may use material from LN, provided due credit be rendered to the original reporter and the NASWA Listeners Notebook. This courtesy does not extend to closed organizations which do not allow reciprocal access to their publication. BBC Monitoring Service items (designated WBI for World Broadcasting Information) are copyright and may not be reproduced without BBCMS permission. The most important items have been broadcast immediately on WORLD OF RADIO or SWL DIGEST, not otherwise mentioned herein. All contributions to LN are gratefully received, but your editor cannot promise a personal reply because of severe time constraints. Material for LN should be marked as such each time (not just on the envelope), as input for other outlets also comes to Box 490756. Reports to gh should not be cut into little strips. It also helps if you use one side of paper only, and do not mix LN items with other correspondence. All times, dates and days are day/month GMT = UTC, u.o.s. Please do not ask me for advice on receivers or other equipment. Thanks (gh)

A F G H A N I S T A N Monitoring 1/2 showed that during its sked 1430-1530 pgm for Pashtuns and Baluchis, in the main DS, R Afghanistan and the State Committee for Radio, TV and Cinematography had decided to increase the pgm by one hour. Starting soon, it'd be on at 1330-1530. Currently hrd on 7200 4740 3965 + MW (WBI 6/2) R Kabul [sic], xmtr located at Kabul, hrd 11/1 & 12/1 *0125-0358 on 7200, // Soviet sites 4740 & 3965, F-G; including on same date R Iranian Toilers cland pgm in Farsi 0228-0230 starting xmsn (C Pepe & A Napolitano, Italy, Play-DX)

A R G E N T I N A RAE and 16/1 2100 that from 20/1, EG at 1200 to Am on 15345 'd be replaced by SP (WBI 23/1) Pity; best hrd here (gh) On 8050 is a Policía Federal/Buenos Aires channel, normally in use 0000-0200/0300v. When no tfc, sometimes R El Mundo/R Belgrano pgms are bc in a beautiful mix sumultaneously on USB/LSB (Juan Carlos Codina, Muri, Switzerland, Jan DSWCI SW News)

A U S T R A L I A The Australian, Sydney, reported 20/1: First of 3 xmtr stns for new ABC SW svc, to blanket NT, offly begins being next month. Alice Springs 50 kW stn'll begin 20/2; other two, Tennant Creek & Katherine, sked for later this year. Each will have apx range of 450 km in all direxions, and in combination'll effectively cover the Territory. Acting MinCom, Mr Brown, said last week: "This'll be good nx for Terr residents, many of whom have had to endure either patchy radio reception from Melbourne or Perth for years, or none at all." Alice stn, VL8A, will bc on 4835 day, 2310 night & early morn. Others are Tennant Creek VL8T 4910 & 2325, Katherine VL8K 5025 & 2485. New svc costs 4.2 mega\$. Pgms'll originate in Darwin & Alice Sprs and'll incl much of the material bc by ABC MF stns serving Darwin, Alice Springs, Nhulunbuy, Jabiru, Katherine and Tennant Creek; also pgms for Aborigines. Brown said svc'd be rxd on commonly available portable xistor radios w/correct SW bands; to complement govt's homestead & community being satellite svc--R & TV, for which fixed eqp incl an Earth stn is required (WBI 13/2) Alice Springs on the air w/nx 0900 10/2 // 4920; weak but clear; audio somewhat bassier than 4920 (Chuck Boehnke, Keau HI) You forgot the fq but presumably 2310 at that hour; offl start 20/2(gh)

B E L G I U M BRT M85 sked valid 2/3 - 29/3 only, when there'll be some time changes: EG Af Sun 19-1920 & daily 22-2255 on 9905. Eu M-Sat 19-1955, Sun 19-1920, daily 22-2255 on 5905 1512. NAM M-F 08-0855 & Sat 0910-0930 on 9880, M-Sat 13-1355 15590, daily 0030-0125 5910. SAm 0030-0125 daily 9925. FE M-F 08-0855 & Sat 0910-0930 on 9880 15515; M-Sat 13-1355 15515 (BRT)

B O L I V I A 4421.8, R Reyes seems to have stabilized here, hrd eves 2315-

0230v. 4796.6, R Nueva América, nominally *1000, but usually 1025-1235. Eve
pgm ends at 0305 (0015 UTC Mon). 4810.4, R Libertad, new stn in dept of Oruro
weekday *1000; Sun *1100. Sig is somewhat overmod, and I cannot yet make out
location. 4924.2, unID stn, thought to be located in Cochabamba, hrd until 4/1
when the area hit by disastrous floods. Not hrd since. Ancs 4925, MW & FM, so
presumably not a small stn [R Cosmos, Cochabamba]. 4975, R María Auxiliadora,
Montero, Santa Cruz, hrd during local daytime, when there is less QRM; S/on tent
1000; slogan 'La voz católica del norte cruceño'. 5005.4, R Cristal, 1045-
1300, 16-1815, and 2200-?. Sun sked is diff, and is difficult to check. Note:
Many Bol stns currently on reduced skeds, and quite a number are irregular. At
least 10 are inactive. It remains to be seen whether the situation will im-
prove or not during next few months. Apart from horrendous economic situation
currently existing in that country, it is extremely difficult to obtain hard
currency to buy spares for farm eqp. Any eqp not made in Bolivia is likely to
remain idle for quite a while if it requires a new valve or other part not read-
ily available (Tony Jones, Asunción, Paraguay, 6/2)

R Libertad, Distrito Minero de Santa Fe, Depto de Oruro, 4810.4 29/1, 30/1,
31/1, 1/2, 2/2 2308-0110 w/local nx, IDs, P-G (Juan Carlos Codina, Switzerland;
Dario Monferini, Giuseppe Zella, R Bonello, Italy, Play-DX)

R Illimani, 4945 has been inactive for several months. R Cosmos, 4925, 1 KW
on variable & irregular sked 1000-0200, at Calle Sucre 0482, Cochabamba; geren-
te: J Rojas de Bermúdez. 4810, R Libertad, since 23/11 at 1000-0200; addr is
Distrito Minero de Santa Fé, Departamento de Oruro (Rogildo Fontanelle Aragão,
Bolivia, Play-DX 2/2; his letter bore 450 kilopesos of postage)

New stn from Depto de Oruro is R 16 de Marzo, Centro Minero Bolívar, Depto
de Oruro, at 2200-0300, irregular (Fontanelle, Play-DX 10/2) Fq omitted here
but elsewhere reported as 3365 or 3370 (gh)

On 2/2, a 'backwater' Bol w/romantic ballads, serenades, w/acoustic guitars,
severe ute QRM, making ID tough but QTH seems Riberalta, so tent R Riberalta
on 4701, up from 4698v; SIO 312 (Maxfield Greenwood, Sedgwick ME)

B R A Z I L R Globo, Rio, 26/12 & 11/1 0020-0100 on 6030, ex-6025!!!!, F-G
(Claudio Dondi & Dario Monferini, Play-DX)

R Guafba, 11785.3, hrd 6/2 w/adstring, pgm note for "Esportiva" pgm, then
TC for "11:34," followed by phone-in; fair on USB (John Wilkins, CO) Time?

R Jornal A Crítica, 4935, is the unID ZY in Manaus reprd on SWLD 11/1; hrd
here from 0900 in PT (Ernie Behr, Kenora Ont, 25/1)

Got a fine & distinct ID at *0930 (using USB mode) of Manaus stn on 4935,
26/1, and the listed "R Independência" in Manaus is indeed extinct as the new
stn IDs itself as "R Jornal de Pacífica", then stated it's on 60m tropical,
"em Manaus". Taped format is fine, by M host at live mike is coming thru w/
distortion; noted same problem w/Poços de Caldas--can't their engineers re-
solve? [I believe Max told me his latest WRTH is 1982--keep that in mind when
he refers to listings -gh]. Regarding 4975, and that it seems "new Braz"
I'll leave at being positively a "R Difusora" w/a good bet it's in Corumbá MGS--
leave it to someone else to confirm QTH, as DXing a new Brazilian, and an 'un-
der' at that, is not exactly my forte. R Cultura, Campos, on 4955 from 0710 t/
in to 0750 t/out 28/1; two M chatting happily for quite some time, references
to Cultura. Taped IDs after 0735; pretty good signal. [These 'early' times
are mostly due to unexpected DST in Brazil, which may be over by now -gh] (Max-
field Greenwood, Sedgwick ME)

Continuing to hear that apparently new Braz on 4975 under R Timbira; possi-
ble s/on of 0745; Timbira already was on, and it became evident then. Don't la-
ugh, please, but best yet I can make of ID, rough copy, mind you, was Radio Um-
Bah, as in a tuba sound. It's been noted 16/1, 17/1, 18/1 w/apx f/out 0840.
Later: Now definitely a 'Difusora', ID 0800 18/1 is "Difusora, Rádio --umba" &
I therefore tentatively identify it as being the 1360 MW stn "R Dif Corumbá,"
thus new to SW. On 5015, if that ute would take a break, is offering up R Copa-
cabana, w/*0700--rough copy under ute, but Copacabana ID is quite distinctive
and I have very good AMs listened to this stn at solidly good levels. It fades
in quite early; now there is also an unID here, noted 19/1 w/gospel mx in EG,
and I have no idea what it is, Brazilian or not. On 4945, when CARACOL is ab-
sent, is often a very active fq, as 18/1 0805 t/in, R Emissora Rural, Petrolina
and R Dif Poços de Caldas, is not uncommon here, but Em Rural decidedly is, but
when in, its signal is hi-quality and equal in strength or better than Poços.
For me, are quite different as Rural is slick, w/promos and song IDs, and up-

beat, very typically Bras música. Poços I've been noting has single M host, talkative, and what I call Bras "campo" mx. And at 0830 you can forget hearing either as Porto Velho turns on xmtx and s/on by at least 0845. PV sig was +30 dB over S9 18/1, but was breaking up. Lastly, that 'new' or probably reactivated Manaus stn is at odds w/R Tropical, Perú, as both s/on circa 0930, but Tropical is slightly lower to 4935 and as such one can separate, hearing the Manaus Brazilian on USB, and Tropical on LSB. I don't know official ID of this Braz, but it did at one point have a M clearly ID as "R Jornal,--- Ma-now". Now that I know that the "en-pah-dodge-gee" ID is something one hears on other Braz stns I have no other ID to offer. So could this stn be a new member of the Jornal network? (Maxfield Greenwood, Sedgwick ME, 21/1) What network? Nor are "Difusora" stns a network--the word just means 'broadcast stn' (gh)

Update on R Copacabana, Rio on 5015--on only an average Braz propagation AM, give it a 4+1433- SINPO, it's having a big but badly squeezed by ute carriers at 0715 t/in 31/1. So, this uncommon Braz, given a break, this can be widely hrd, as it's showing strength I noted last winter and free of QRM at really big levels and overall of 4 (Maxfield Greenwood, Sedgwick ME)

R Difusora Taubaté, noted in by me for first time this winter 30/1 on 4925, caught at 0935 t/in, while in midst of 10 mins of IDs, promos, so perhaps was following *0930. Sig fair but fading and quite poor by 1000. Mx was PT pop ballads. Don't know if this was propagational reception, or a case of their having been absent in AMs. Further checks will tell. (Maxfield Greenwood, ME)

Been noting R Cultura, Campos, 4955 s/on early, w/mx as early as 0640 t/in, ID by 0700, fair 7/2. While Mayak relay was for a time on 4750, Cruzeiro do Sul noted w/strong sig on 4765, yet w/Mayak there, it might as well be extinct to DXing--unfortunate. Scan of 90mb between 3400 & 3200, 0820-0920 2/2 & 4/2 revealed these results: 3375 Two stns, w/R Dourados in clear until R Nacional São Gabriel *0900. Dourados is Braz campo, accordions, guitars, lively, P-F. R Nacional P-G. 3275, a R Difusora here, poor as squeezed on either side by utes, two listed, Cáceres & Alagoas. 3255 on 4/2 caught a R Dif, Uberlândia, at 0845 ID, P-F. 3245, R Educ Palmares de Alagoas, lively campo-mx stn, many IDs, F in usual 90mb QRN. 3235, Braz here under oft present strong ute. But in past when free of ute, this has proven to be the listed R Clube, Marília; and on 3205, noted after 0900 2/2, R Ribeirão Preto, IDs, promos, ads, F in QRN. Didn't scan for carriers; these were those that were readily apparent. R Cultura, Campos, s/on is earlier than listed. 7/2 already on at 0640 t/in, mx, ID, 0700, F on 4755.. Having had taken a one-month hiatus from this hobby, I am presuming R Jornal de Pacifica [sic, see above], Manaus, as new; however, again in LR-B Feb logging infers it's not new. Would like to know history of this stn, when it was first hrd; 6/2 (Maxfield Greenwood, Sedgwick ME)

B U L G A R I A Attention: 2nd harmonic of night svc w/pop mx noted on 2322, 24/12 & 28/12 0035-0201, not to be confused w/Breffni Community Radio, Ireland (C Pepe, Italy, and H Gustafsson, Sweden, Play-DX) Breffni switches to 1170, putting the harmonic on 2340 part of the time (gh) The 24h Khorizont HS from Sofia uses FM, 263, 594, 774, 963, 1017, 1161, 1224, and SW: 7670 at 0400-2200 and 11765 at 0830-1900; nx & comment on the hour, plus nx from Khristo Botev at 1030 Suns, 1830 daily (WBI 16/1)

[B U R K I N A F A S O] UPPER VOLTA--name change? Did I miss something while away from DXing? See that the Ouagadougou QTH is being placed in a 'new' country. Noted 4/2 0710-0740 f/out w/big sig on 4815, but my ear still notes mention of Haute Volta. Would like to be educated (Maxfield Greenwood, ME)

C A N A D A Time change note for RCI Eu svc: from Sun 30/3 weekend bcs will be changed from 19-20 to 20-21 UTC, including SWL Digest Sat at 2035 (Ian McFarland, RCI) I thought this was moving one hour earlier as one would expect for DST tho not done in previous years; perhaps this applies to weekday bcs only (gh) Some SWL Digest topics: Mar 8/9/10, final section of R E Wood's foreign language recognition course, Sino-Tibetan; gh DX news. Mar 15/16/17, development of artificial voices at Bell-Northern Research, Ottawa; gh DX news. Spotlight on Science, Thu 1910 on 17820 15260: Mar 6, NAM's biggest deposit of fossils found in NS, incl some of world's tiniest dinosaurs; Canadian medical researchers find new way of destroying cancer cells; meteorite fell on Nfld recently; didn't strike anybody: chance of being hit by one is vanishingly small. Mar 13, Tall bldgs in big cities can make the wx arnd them windier and colder:

Canadian experts find ways to counteract this; how and why does acid rain kill fish in lakes & rivers? Canada à la Carte, 4-part docu series starting Mar 1/2, Sats 1805 17820 15260, UTC Suns 0106 9755 5960, Searching for Atlantis. Coast to Coast, Fri 1910 17820 15260, UTC Sun 0406 9755 5960: Mar 7/9 Prairie provs, 14/16 Ont, 21/23 PQ, 28/30 Atlantic (RCI)

People have been asking me for 'Ideas' topics, 9:05 pm local on CBC Radio, so: Mons Mar 3 & 10, Fair Comment: Words Unwritten, Ideas Unspoken, on libel laws and their interpretation; Tues Mar 4/11/18/25, The World of the Child (repeat); Weds Mar 5/12/19/26, Alexis de Tocqueville's "Democracy in America"; Thu Mar 6 TBA; Mar 13/20/27, International Film Censorship (repeat); Fri Mar 7, The Northern World, pt IV; Mar 14, Halley's Comet (CBC Radio Guide)

C H A D Noted French Afro at P level 0750 4/2 on 4900--totally befuddled but lucked out, as it had a full s/off at 0800*--it was "Tchadienne" down from usual 4904; will check again to see if they stay there--it'd be a better fq from our point of listening. I did check Sénégal before the Chad s/off & it was 'big' on 4895. Noted again 7/2 0700 on 4900, so maybe it'll stay (Maxfield Greenwood, Sedgwick ME) Sure about this? Other reports say Guinea ex-4910, qv

C H I N A Qinghai PBS hrd on 3950, *0955 2/1 in CH, opening mx & anmt, info for 3rd pgm. Xinjiang PBS in Uighur on 4735, SINPO 33333, and 5800 at 34343; 1240-1255 12/1, mx pgm, 1250 ID "Xinjiang h lk [sic] Radiyo...", talk pgm (Kunitoshi Hishikawa, Kanagawa, Japan)

China Daily, Peking [sic], reportd 6/2: a spl telephone, number 862691, has been installed by R Beijing for answering questions of EG speakers living in 4 large Chinese cities who want to watch the 4-hour televised Spring Festival eve party w/Chinese audiences this Sat [8/2]. A radio bc designed for forners in Beijing, Hangzhou, Guangdong and Wuhan'll begin at 1935 Beijing time, 10 mins earlier than TV pgm. During this short period, RB'll offer background to help forn listeners understand what they'll see on TV. At 1945, simulcast TV pgm. Forners in the 4 cities may call RB thru the spl line to ask such questions as meaning of the Year of Tiger on Chinese lunar calendar, names of actors on TV, and history of firecrackers; or during pgm they may simply ask "What's going on now?" Zheng Wei, Deputy Dir of EG Dept of RB told China Daily. This started in response to requests last year. RB ancrs on live bc'll be Wu Xiaoyong, Dang Bing and Chen Yuanneng; the first two are grads of the journalism school of the University of Missouri, USA (WBI 13/2)

C O L O M B I A Noted discussion regards unID on 5979 under Perú in Feb LN, & herewith supply my 2c worth: way back in Oct I noted a LAm stn here at P-F lvl w/nx, ments of Bogotá, and "Ésta es CARACOL", ID, all between 1010 & 1025. Several sporadic chex at 1000+ since have been frustrating as I get carrier but as I must attenuate to lose splatter I seem to be attenuating out audio, as I fail to get audio--but the one experience here leaves me w/a CARACOL Colombian, QTH unk, 7/2. Per Perú report I couldn't note by Ernie Behr's log whether it was unID LAm, or unID Peruvian, so don't know if we are talking about two diff stns (Maxfield Greenwood, Sedgwick ME)

R Macarena w/live bc of fútbol betw 2 Bogotá teams, Los Millonarios and Santa Fé, 0150 8/2; the Millionaires led 1-0 at halftime (John Wilkins, Wheat Ridge CO) Fq? Presumably 5975 (gh) Re new stn on 5350 reported in DXLD#3, I logged what I presumed to be a CARACOL feeder using LSB on 15/3 [sic, 1985?], carrying HJ vs ZP fútbol on this fq; same stn? Also reported as Paraguay, cf LN May 85. 11793, Rdif Nacional w/good sigs lately, 7/2 pgm "Poesía Hispano-Americana" at 0220 t/in, then "Música Religiosa del Cristianismo" 0230-0300. 3-note gong & ID at 0229 & 0259: "Desde Bogotá, transmite la Rdif Nac de Colombia, estación HJND, 570 kHz onda media," no ment of SW (John Wilkins, Wheat Ridge CO)

LV de los Centauros, 5955, 29/1 0302-0342 w/sports event involving teams from Colombia, Perú, Chile, Ecuador, Argentina, vy excited ancrs; // 4945 so obviously CARACOL net coverage; network ID 0333, then lcl anmts, ID and return to CARACOL feed at 0336. Noted again 1/2 0435 w/SP vocals (Richard A D'Angelo, Wyoming PA)

C O S T A R I C A REE, Madrid, reported 12/1 1230 that Fscó Fernández Ordóñez, Spanish Minister of Forñ Affrs, is in CR, first stop on CAM tour also to Guat & Nic. Met w/CR counterpart, Carlos José Gutiérrez, main result being agreement for RTVE in near future to have relay installations on CR terr which

'll bc REE w/greater quality and power to LAm; construxion of stn'll involve investment of abt 500 Mpesetas which'll mainly benefit Spanish industry. (WBI 16/1) REE reported 20/1 1230 that the stn this year'd be used jointly by both countries. MinCom for CR, Armando Vargas, visited RTVE Madrid 20/1; agmt, signed in framework of preps for 500th anniv of discovery of Am [1992], envisages installation of 500 kW antenna [sic] on CR terr to be used for SWBCs of REE and the Radio Internacional de Costa Rica... (WBI 23/1)

C U B A Three non-data QSLs in one week for same Jan 85 reception from R Rebelde, 5025; QSLs for MW reports also being rxd. Mayak noted on 4772.5a w/c1 mx 19/1 1140; other spurs & 4765 fund not noted. 9549, R Havana 5/2 1605 w/excerpts from Castro speech (John Wilkins, Wheat Ridge CO)

RHC SP to Ams: 2200 11835 11815 11760 9730 9550 6060, 2300 add 11970, 0000 add 11725, 0040 drop 11835 11760 9550, 0100 add 6090, 0200 drop 6060, 0245 drop 11725, 0300 add 5970, to 0600. 09-11 on 6090. 1100 15300 15230 11950 11760 11725 9550, 1600 drop 15230 11950, 1645 drop 9550, 1800-2040 drop 11760. SP to Eu/ME/Af: 0630-0730 & 0930-1045 9730. 18-20 15230 11950 9720 9695 (WBI 23/1)

RHC 4/2 1558 gave excerpt from Fidel Castro's report to the Cuban Communist Party Conference: now have 5 natl radio nets, 17 provincial, and 30 territorial nets (as hrd). Natl TV has two channels w/formats clearly different, morning xmsns begun, summer pgming extended, and new spls offered at various times of the year. Re nx gathering, Telerebelde correspondents' offices opened in all provs and in Isla de la Juventud; to studios of Stgo de Cuba and Holguín we added telecentres in Camagüey, Villa Clara, Pinar del Río. Steps being taken to create independent TV stns in Guantánamo and IslaJuv due to one being on the frontline, and the other in a corner of the Fatherland where thousands of forny youths are studying. Also possible is intro of 3rd channel in Havana provinces w/cultural & educ pgms; can't be done in entire country for tech reasons. More than half of TV pgms are in colour; 65% home productions to reach 100% during this 5-yr period; hope to intro colour TV rx on large scale, not only w/own produxion, but also in coop w/USSR; relatively near future'll have opportunity to xmit Cuban TV via satl so it can be watched thruout LAm and in most Af countries (WBI 13/2)

C Y P R U S CBC in GK to UK, Fri/Sat/Sun 2215-2245 on 7105 6030, via BBC xmtrs near Limassol; inaug'd 1/5/77; CBC is radio of GK-Cyp community (WBI 23/1)

C Z E C H O S L O V A K I A R Prague in C&S 2230 29/1 ancd that from 3/2, RP would have Mon-Fri 1400-1425 nxrel for CS workers abroad, Eu 7345, N&E Medit area 13715 11990 9740, Af 21505 15110 13715, SAs 17940, N&C&SAM 17705 (WBI 6/2)

D O M I N I C A N R E P U B L I C R Clarín, 11700, 2045-2126 w/vocals, cheerful talk, IDs, TC, unusually G reception 1/2 (Richard A D'Angelo, Wyomissing PA)

E C U A D O R R Católica Nacional, 5055, 28/1 2336 w/soft instl mx, ID, TC, SIO 333. Escuelas Radiofónicas Populares, Riobamba, 0246-0255* 31/1 on 5015, nice blend of SP vocals, IDs by W&M then 0250 s/off anmts, NA. Radio Río Amazonas, 4870, 0341-0400 31/1 w/EZL instls, vocals, light conversation to 0358 s/off ID & anmts, SIO 2+52, fades, no anthem (Richard A D'Angelo, Wyomissing PA)

That exotic, in some Indian lang & SP, M ancr & couple hymns sung in an Indian lng by group, R Río Amazonas definitely an interesting stn 31/1 1015 t/in on 4970, G (Maxfield Greenwood, Sedgwick ME) You mean 4870? see above

R Nacional, 15270, *2200-2215* 22/1 via HCJB, nx, F-G (J Brunet, Spain, Play-DX)

E Q U A T O R I A L G U I N E A R Nac Malabo, 6249.7, strong 19/1 Sun, ID & long NA to 2200* (Ernie Behr, Kenora Ont)

E T H I O P I A VORE hrd on 9560 from *1800 w/FR pgm, pop mx, NA to 1857*v, G 5/1; then moved to 9595 for "V of Namibia" at *1859, probably former ETLF xmtr. Diff & weaker xmtr on 9600 from *1800 w/"R Halgan" for Somalia, AR pgm on 9600 from 1900 is still unID & bbl-jammer often on this fq 1400-2100 (Behr, Ont)

F R A N C E Monitoring 20-24/1 shows in addn to selected relays over the "Good Morning Paris" stn on 96.6 MHz, VOA-Europe now bc complete 24h on 94.8 in Paris (WBI 30/1) Monitoring 6-7/2 shows since 7/2, GMP svc svc has been switched from

the Radio Ici et Maintenant fq of 96.6 to the fq used round the clock for relay of VOA-Eu, 94.9 ex-94.8. Local GMP segments for 15 mins before certain hours in morn & early eve (WBI 13/2)

G A B O N Africa No One on new 4830, 2100-2138 26/1 w/"musique traditionnelle" IDs, FR conversation, SIO 454 and // 15475, which was 454 w/some fading. New fq noted on couple of checks subsequent to 26/1 (Richard A D'Angelo, Wyoming PA) Monitoring 23-28/1 shows ANO, in FR from Libreville, changed from 4810 to 4830, 05-08 & 18-24, from Moyabi xmtr (WBI 6/2)

G A L Á P A G O S LV de Galápagos, in SP 2305-0005, P-F, 29/1, 30/1, 31/1, 1/2 & 2/2, on 4810.25, whilst R Libertad, Bolivia was on 4810.4 (Giuseppe Zella, Dario Monferini, & 'DCA', Play-DX, Italy)

G R E E N L A N D Cf Jan LN-24; re Greenwood's question, stn on 3999 is using new 7.5 kW xmtr per report on RNMN last fall; hrd here arnd 2300-2400 since Oct (Ernie Behr, Kenora Ont, 25/1)

G R E N A D A CANA nx agcy, Bridgetown Barbados, reported from St Georges 19/1 2228: British-based Gren journalist Stanley Charles says hé'll set up a radio stn beaming to Grenada if the govt here failed to allow him to reopen a radio stn it closed down last yr. There'd be a stn called La Baye. It'd be in intl wtrs and'd target Grenada as an area to bc to, he told CANA. He is now facing charges in connexion w/alleged violation of the islands Wireless Telegraphy [sic] Ordinance and the Customs Ordinance relating to importation of elec eqp for the closed stn. He asserted: We're going to bc again, which is what we are trained to do and do best. We want to make money and employ people and get involved in generating income. Charles also said hé'd sue the govt and police for damage in connexion w/closure of the stn after its first bc last June. I think we'd sue the police and everybody in the action taken against us, which is unfair and unjust, he said. He said he rxd permission from the Permanent Secy in the PM's Ministry to set up stn, but govt denied this (WBI 30/1) FM?

G U I N E A R Conakry, in FR & vern, IDs, nx, 2130-2400* 25/1 to 2/1 surprisingly changed to 4900 from 4910, F-VG (S Nuzzi, Dario Monferini, A Napolitano, W Mola, 'RNO' & 'FS', Play-DX, Italy) 25/1 to 2400* on 4900 ex-4910, FR, ID, s/off, P-F (Finn Krone, Denmark, Play-DX) RTV Guinée hrd here [4900?], 6/2 2320-2400*, assorted talk & mx, 2358 ID, NA; permanent move from 4910? (John Wilkins, Wheat Ridge CO)

H A I T I 4VEH, 4930, sent QSL + letter after 154 days for 1 IRC, addr BP 90-B, Port-au-Prince (M Camberos, Play-DX 10/2) New addr? What became of B P 1, Cap-Haïtien, true location of stn? 1986 WRTH still has that as main addr, and the following as "int[ernational, internal, intimidating, intimate, interminable, interfering?]" addr (gh) Same in 250 days, QSL + misc stuff, no IRCs, from Box 1739, Port-au-Prince (M Vizzonei, Play-DX, Italy, 10/2) Was still on air as usual just before Duvalier fell, despite nx reports that hé'd closed down all non-govt stns (gh) EG lessons after 0000

H O N D U R A S LV de la Mosquitia back on after long absence, 4910, hrd 7/2 0115-0300+ w/usual non-stop relig pgmg, random IDs; fair on LSB to avoid Gran Colombia (John Wilkins, Wheat Ridge CO)

I C E L A N D Ríkisutvarpið, Reykjavík, sports 9/1 1925 on 3400, F-G (Finn Krone, Denmark, Play-DX) Don't recall that fq before, tho unflagged as spl

I N D O N E S I A RKPDT Surabaya on 3000, hrd at 1400 w/nx; one of many low fq Indos hrd in OOB channels at moment (Arthur Cushen, NZ DX Times Jan)

RRI Palembang, 4855, F-D QSL card after 4 reports for 1982 reception. Unhrd here since 1983 due to RTTY QRM (John Wilkins, Wheat Ridge CO)

RRI Yogyakarta, 5047, sent registered personal letter written half in Indo, half in EG, plus photo of stn, sked in 69 days. QTH is Jalan Amat Jazuli 4, V/S Ervina Ristiani, PR Secy; sent 2 IRCs, C60 cassette w/airmail registered letter; for report form used that of RNMN (Carlo Pepe; Italy, Play-DX 27/1)

I R A N The anti-regime V of the Libn of Iran reported in Persian 9/1 1630

that at midnite 1/1, ant of powerful xmtr at Tayyebat on Afgh border, on 7230 to export Khomeyni's rev prop to Afgh, Pak, India, was destroyed. Was blown up by unk group which planted explosives at its base. Also, helicopter which went to area to xport some techs on Mon 6/1 was forced to flee due heavy anti-aircraft fire by Afghan Mujahidin. Ed note: 7230 normally carries 1315-1415 Pashto, 1415-1515 Urdu, plus Arabic ES (WBI 16/1)

VOIRI, reported 1930 26/1 in EG, that on occasion of anniv of victory of Isl Rev, expl xmsn in EG from 1/2 onwards to S&EAs 1115-1215 on 15084 for FE/NAM/C&WEU, Naf, coastal states of Persian Gulf; 11790 SAs, ME, 7230 for Indian subcontinent. Also on MW for coastal states of Persian gulf, FM 100.7 for Tehran (WBI 30/1) One morning this was fair on 15084 at 1150 w/mbg, on a Fri, I believe, 1210 into 5 mins of IS. Should improve w/spring & summer condx? (gh)

I S R A E L IBA Net-B in HB SW usage: *0358 11585 9920 9385 7465 (*0458 on W Sat), 0615 17630 17555 15615 11585. 1100 17630 17555 15615 15095 11585. 1400 on 17630 15095. 1530 15095 7462.5. 1630 7462.5. 1830 11585 9920 9388 7462.5 to 2310*. Net-D in AR 0358-2215 on 5915 (WBI 16/1)

I T A L Y New pirate has started, as advertised at right from Play-DX 20/1; uses 20 watts, and actual site of test xmsn not known. Also hrd 25/1 & 26/1 1240-1625, IDs, P-G on 11570. (R Pavanello, W Mola, RNO, FBI, Play-DX 2/2)

I V O R Y C O A S T Have belatedly caught up on nx in FRENDX of IC getting a new 300 kW xmtrs, which leaves me being able to say that the French NW Af I hrd here [4970? --far too many missing fqs in reports this month!] was not even remotely 300 kW, more like 20 to 50. Is possible to test a new xmtr at reduced power? But I still favor its having been IC; if so, it was a one-shot effort, as absolutely nothing here since, not even carrier, between 0500 and 0700; Rumbos s/off at 0500, I think. And scan of 60m reveals it not being traceable elsewhere. The tribal drum IS I hrd would confirm but I haven't gotten around to digging out an IC past tape to compare, but they did have a tribal drum IS, as I remember (Maxfield Greenwood, Sedgwick ME)

K E N Y A Sunday Nation, Nairobi, 5/1, reported that VOK vern svcs were interrupted in favour of the Genl Svc during the last week of Dec following failure of elec valve at Ngong xmting stn, the Permanent Secy for Info & BCing, Mr Daniel Mboya, said on Fri. As emergency measure, a substitute valve was borrowed from R Tanzania, not the first time there has been such cooperation. (WBI 16/1)

K U W A I T R Kuwait on 9840, 30/12 1712 in AR, SIO 343-242, M talking, 1723 ID "Huna al-Kuwayt," AR mx (Kunitoshi Hishikawa, Japan)

L A O S Central TV, Moscow, reported 10/1 1130 that a new MW stn has been commissioned in Laos; trx to its 150 kW power, and 280m high mast, one of the highest in SEAs, the radio of the capital can now be hrd even in the most remote areas of the republic. Sov & Lao builders worked together here for almost 4 yrs. The project also envisages installation of a powerful SW xmtr (WBI 16/1) On MW, the height of a tower is not directly related to coverage! But instead to fq, and what proportion of a wavelength it measures (gh)

L E B A N O N R Lebanon, the govt stn, Beirut reported 11/1 1400: per our correspondent in Marj Uyun, Natl Resistance fighters fired rockets 11/1 at xmsn

TESTING SOON

ON SHORTWAVES

11570 KHZ

(FREQUENCY VARIABLE)

MARCONI RADIO INTERNATIONAL

ON SATURDAYS 1230 TO 1830 U.T.C.

AND

ON SUNDAYS 1030 TO 1430 U.T.C.

HIGH QUALITY MUSIC AND INTERESTING
DX-NEWS

EVERYWHERE AROUND THE WORLD !!!

SEND YOUR RECEPTION REPORTS
AND/OR INFORMATION REQUESTS TO

VIA GOZZANO, B-40127 BOLOGNA ITALY

2 IRC4 WANTED

THE ITALIAN PIRATE RADIO !!

aerial of V of Hope, organ of the agent Lahd militias. The fighters scored direct hits. Correspondent adds that some of the radio's listeners affirmed that this weakened and distorted xmsn (WBI 16/1)

Monitoring 15/1: shortly after reporting at 0617 15/1 on attack on HQ of Leb Forces militia led by Elie Hubayqah, reception of the V of Leb's MW xmtr was obliterated by what sounded like a very strong 'buzz-saw' jammer. This ended at 0700. Later at 1200 same day, ancd as "This is the V of Lebanon, the voice of Pierre al-Jumayyil's School. The voice of the Leb Phalangist Establishment is with you, the voice of freedom and dignity." VOL on 6550 & 873 had been u/control of Leb Forces since Mar 85, when it was separated from control of Phalangist Party Political Bureau. (WBI 23/1)

Monitoring 14-16/1: stn in AR calling itself Radio of Islam, the voice of the oppressed (Arabic: Idha'at al-Islam, sawt al-Mustad'afin) hrd w/bc in progress 1220 14/1 on 1008 kHz. Anmts indicated on air daily 0415-0650 & 1100-1450. The early morn xmsn incl Koran recitations, relig talks, nx summaries at 0445 & 0645, and full 15-min nx 0545. Pgm pwvs at s/on & s/off. Afternoon xmsn also incl Koran, relig talks, but has full nx 1245, nx summs 1145, 1345, 1445. Press review 1150 apx. Nx at 1245 14/1 contained items critical of the Damascus peace agreement and Leb Forces leader Hubayqah; statements by a leader of Hezbollah, Ayatollah Fadlallah; and a report supporting Iran in its war w/Iraq (WBI 23/1)

LIBYA V of the Greater Arab Homeland has appealed to intellectuals, authors, men of letters, poets, novelists, playwrights and radio scriptwriters, etc. to contribute to stn's pgming by recording or phone despatches; call 40112 or 35700 in Tripoli; programs are manned 10-14 local, 18-21 local. P O Box numbers in Tripoli are 46-77, 83-294 (WBI 16/1)

VOGAH in AR 1145-1330 on 17895 15415 15235 9890 + MW, 1745-2100 on 9890 7245, 2100-0430 on 9890 7245 6155 (WBI 13/2) EG svcs, sked at 19-20 on 15450 to Af, and 21-2230 on 15450/11815 to Am, are unconfirmed. Ancs two addrs for listenser corresp: P O Box 333, Tripoli, Libya; or P O Box 17, Hamrun, Malta (WBI 13/2)

M O N G O L I A R Ulan Bator, ES in EG: Mon-Sat 1200-1235 As/Au 12043 12015 11988 9615, 1255-1330 As/Au 15305 9575, 1445-1520 As/Au 12015 9575, 1940-2015 As/Au 15305 7235 (WBI 23/1) The 12043 & 11988 fqs at 1200 are thought to be spurs from 12015; not noted at 1445? (gh)

M O R O C C O ? Stn on 9577 hrd 24/1 from 1930 w/FR nx, 1943 pop mx & Naf desert mx, 2030 AR nx, 2047 AR mx to 2100 when QRM began; no definite ID, but sounded like Médi-Un format. unID 22/1 on 9547 w/pop mx & FR to 1405*, abrupt s/off & another weak sig w/het on 9569.4 past 1500; perhaps BSKSA moving arnd, but not hrd again (Ernie Behr, Kenora Ont)

Monitoring 23-31/1: Commercial stn R Mediterranean Intl, aka Médi-1, has been hrd bcing regular pgms in FR & AR on 9577 //1233 612 173. SW channel is thought to be in use for entire bc day, 0600-2400. Parallel xmsn also obs for a time on 15390 0700-1900 apx. Médi-1 was last hrd w/what appeared to be irregular test bcs on SW in 1984 (WBI 6/2)

N E P A L Verie from R Nepal new v/s Mr R S Karki. My reception was on MW 792 and made my 155th country confirmed on this band (Arthur T Cushen, MBE, NZDXT)

N E T H E R L A N D S A N T I L L E S TWR at 0403 5/1 on 9535 w/"Focus on Family" (Todd Hauser, Bicknell IN)

N I G E R ORTN 18/1 & 25/1 on 5020 2153-2303* and 2306* w/Af tribal mx, 3 pips at 2200; M w/"Ici Niamey" ID. Lots of hilife mx and Afro vocals. Choral anthem. SIO 242. Recent power increase? Signals more reliable of late (Richard A D'Angelo, Wyomissing PA) R Niger, La Voix du Sahel, 5020, in FR hrd from 2130 to 2400* 24/12, 2300*26/12, normally s/off 2200*, G-VG (S Messa, F Repetto, Claudio Dondi, R Pavanello, Italy, Play-DX)

N I G E R I A FRCN on 3326 // 4990 2219-2241 17/1 w/political talk by vy excited spkr, ID, into Af tribal mx 2239, SIO 333 (Richard A D'Angelo, Wyomissing PA)

P A K I S T A N R Pakistan dictation speed nx in EG: 0230-0245 As 15115 11965 7315 5905; 1100-1115 Eu 17660 15606; 1600-1615 ME/Af 15595 15515 12005 11675

9885 7365 7090. Other EG: 1005-1010 Eu 17660 15606, 1645-1745 Eu 11810 9465 (WBI 30/1)

R Pakistan, Karachi, on 4815 14/1 1842-1900* in Urdu, mx, 1853 Quran, 1858 mx 1900 s/off; poor (Kunitoshi Hishikawa, Japan)

P A P U A N E W G U I N E A R Simbu, 2376, and R Enga 2410 presumed 7/2 1350-1400*, both v/ weak; wonder when they're moving to 90mb? And when or if PNG is going to change its name (John Wilkins, Wheat Ridge CO) Apparently not

R Australia reported 10/1 0800 that the PM of PNG, Mr Paias Wingti, has officially lifted a ban imposed by his predecessor on the Australian BCing Corp. The corp's last resident corresp in Port Moresby, Sean Dorney, was told to leave PNG by the Somare govt in 1984. The move occurred after an iv w/an Iranian Jayan rebel leader, James Nyaro, was bc on ABC TV against the wishes of the govt. Last Sept, the Somare admn allowed ABC to send a temp corresp to P.M. but did not formally lift the ban. Present PM, Mr Wingti, and 10/1 that ABC no longer on trial and that the ban had been off'ly lifted so that the corp could permanently operate in PNG (WBI 16/1)

P E R U R Paraíso de los Andes, tent, on 8065.7v 17/1 & 18/1 2245-2350, Moyobambá, nx, deds, msgs, req mx, tnx Krueger, NU; P-F (Finn Krone, Denmark & Juan Carlos Codina, Switzerland, Play-DX) R Samarán is projected on 4815 and 9770 w/ 1 kW each (Mery Blas, Play-DX, via DSWCI SWN Jan)

4460, been trying to get decent copy on this recent Peruvian I hrd reported on RCI (thru a terribly weak sig I might add--think I am too close to Sackville for 5960 & 9755 xmsn--it's skipping over me) but I've been hounded by a ute & even tho the Pv sig strength has been adequate on two occasions, 19/1 & 21/1, the ute shot-guns their ID. Tho I positively make Cajamarca QTH, depto I presume & tentatively Celendín for the city. S/off is consistently betw 0435 & 0437.

4955, LV de Amauta, poor at *1100 18/1.

6011, been beginning to snoop about 49mb, the "Great Overload" band I'd say, and after noting a carrier on 6011 a couple of AMs, hrd R América here 21/1 at t/in 1040 to 1101 t/out, best using USB. Swift IDs among extensive nx format, TCs, simply "en América". F sig but must use 7000's attenuator to clear of splatter.

R Pucallpa probably the unID reportd on 6154.7. I have on low side 6155. V/ hard to sep from het, at 1025 however hrd sev'l IDs into 1031 w/melodic intervals between. Copy hurt by fading--"Buenos Días, Señores Campesinos, LV de Pucallpa, depto de Amazonas". Sev'l ments of Amazonas, and Loreto pronounced here virtually absent the "R", and the et is like in Etna. I once, 2 yrs ago had an incredible sig from the extremely exotic R Loreto on 5050, but was nuts trying to ID it until I realized they didn't even remotely enunciate Loreto as low-RAY-toe, but this is probably variable somewhat on heritage of ancrs.

Yes, certainly is R Norandina, 4460, in best yet 26/1 0405 t/in, relatively free of QRM. Quite rustic Andean mx w/yips & yelps thrown in, at times, R Norandina [sic] ID given at brief 0430, minute more of mx, then NA to 0435*; SIO 333 on what was surely a good PM. Then noted 2 days running at 0400-0435*, solid fair levels; I'd have to upgrade Nordina to a reliable source of DX listening, as their sig seems significantly consistent [sic] now and not propagational v/ary.

R Huancavelica in at fair plus level on good AM 26/1, on 4885+ at 1050 t/in, w/some stylized Andean mx, huaynos, an Emmio Morricone melody at 1059, then Pv nx by W to 1105; back to mx, 1115 ID, t/out. Checked this again 27/1, & initially only noted Ondas del Meta w/het at 1040 t/in, but found one can fine-tune USB to get a QRMed Huancavelica--it is 'just a tad' above Ondas del Meta, which had a strong sig today and possibly not on in early AM Sundays as Huancavelica was in the clear 26/1.

Chanchamayo in at solid fair 30/1, best yet I've hrd it; due to Baré on 4895, reception of Chanchamayo not really clear until after 1030, tho usually poor, has been showing 1030-1100 fade on all good or better Pv AMs I have checked on. And yes, it is Chan and not Chin, as better reception makes clear.

Surprised to note R Libertad de Junín after 1110 t/in w/F sig. Haven't been DXing above 5000 this winter, so don't know if an exception, but 30/1 was VG day. M w/nx to 1125 TCs, ID, ad for a producto nacional, huayno to 1130 & Libertad ID. Still in at 1133 t/out but fading, 1142 check poor but still quite a late propagation; can only imagine what it was like 1030-1100 of this at times crowded fq, it was only stn noted. Libertad, relatively speaking, (as opposed to the more basic Andeans) is rather slick w/smooth nx ancr, taped ads & promos, etc. Again

at good level on 5040 at 0910 t/in to 0945 t/out, really fine & creative new sound here, like a mix of Huayno, Jamaican Ska, and even having a C&W pedal guitar backing, all it seemed by one group, quite something!

Fading up strongly on 4840 and for moment at 1040 stronger than Valera, lively Andean mx, yipe! ID is a clear Andahuaylas--I have not logged this for 5 yrs! & I've tried; by 1044 buried by Valera, Maw, you never know what is will happen --hey, this is a neat one, at 1050 t/out it is 433+ in USB 31/1.

Took opportunity of this VG AM, 2nd in a row, and by the way the evening betw 30/1 & 31/1 AMs was average--to check situation on 4950, & Madre de Diós was absent and the much tougher Ucayali was in, at 1052 t/in and used USB to dig out--best yet, but still poor to 2+, but held until 1120, M w/nx 1105-1120, numerous Ucayali IDs, also again Campo mx.

Checked Eco on 5010 at 1155, and it was poor, and Atlántida, the strongest Pw on 60mb at 1200 and it was solid fair, tho had to use USB to escape ute, on 4790 so yes 30/1 had exceptionally late prop from Perú--now if only I knew why.

Because of lack of a fractional readout on my part, and seeing a logging for Madre de Diós by Vance in Feb LR-B, which is for 1049, at poor lvl w/het, I will place M.D. at for myself fq unresolved. I can also only surmise that because I am receiving M.D. at such big levels here what het there is I probably did not note. Also, all my loggings must be computed to ± 1 kHz accuracy due to limits of my rx, thank you.

Eek! My cup runneth over, as first Andahuaylas showing on 4840 (only note Valera, at brief check at 1040 4/2) but now a big sig from R Chinchaycocha on 4860. Noted strong carrier here at 1005, but no audio. Came back at 1027 & hrd lively huaynos and then full ID from 1029 to 1033. Obviously a recent reactivation as I haven't noted this at all on 4860, a clear channel in AM, in a very long-time, and note no loggings of it this fall or winter, at least. Hope it stays on. Prop this AM was G, but no way exceptional, so it should be readily available. It's been a good Peruvian winter, for DX, i.e.

List of Peruvians logged on 60mb, or rather 5040-4755, Nov 85 thru 7/2/86. All are morning DX, logged between 0930 & 1120 w/but a couple noted exceptions, in case of stns I noted in passing to be already on air previous to 0930; I'd expect these times to change when Perú returns to normal time, sometime in Mar.:

4755, R Huanta, now & then in passing, Andean mx, on at least by 1000+, ute QRM here impairs reception, P-F

4762, R Inca del Perú, a regular w/sigs varying P-G; Andean mx, as early as 0900.

4775, R Tarma, regular P-G, mixed mx, now up against R Súper.

4785, R Cooperativa (Satipo), a rare one, tracked it after 1000, end of Nov to first week of Dec; positive ID 2/12; rustic Andean-type, not noted recently.

4790, R Atlántida, regular & strong, was on 4804 for a time in Nov; *1000, lately *0900

4810, R San Martín, regular tho will vanish on occasion; varied mx, format, fair amt of pop, P-G, s/on varied, *0900 to *1000.

4825, LV de la Selva, regular & strong, noted *0930 5/2, getting QRMed by R Educadora, Rio Branco Brazil on here

4840, R Andahuaylas, hrd 4/2 & 7/2, f/up & burying Valera, 1030-1100, G sig, IDs, Valera has dominated here for a long time; this is a major change

4860, apparent reactivation w/*1030 & 1045 s/on noted, G, Andean mx, nx, annt s from R Chinchaycocha, Junín

4885/86, R Huancavelica, irr. noted on early *1030 recently, but don't confuse w/Ondas del Meta, also here usually w/*1100

4895v, R Chanchamayo, quite rustic Andean, with Huaynos, TCs, etc. VP to F, regular from tentative *1030, as Baré covers to then

4921v, Ondas del Titicaca, has been a near regular propagator this winter, in from VP to F. Vy rustic Andean. Noted w/*0930, single M handling. Use of USB a must in order to separate from 4920 Brisbane and/or Quito.

4935, R Tropical, Tarapoto, regular of late, *0930, QRMed by R Jornal de Pacífica [A Crítica], Manáus; actual fq is low side of 4935; F-G

4950, two here, R Madre de Diós, being much the stronger w/slick multi-ancr format, and R Ucayali, a tough catch, even when MD off air; both *1030

4955, LV de Amauta, P-F, approx *1100; due to late s/on, generally already fading out; s/on can be as early as *1045, however

4991, R Ancash, strong sig, from at least 0900; varied format, often Andean mx

4996, R Andina, regular, F-VG *0930, Andean mx oft noted, vy pro sounding stn. One ID as "R Andina, Huancayo, para Perú Central" & show ancd as Panorama Central

desde Andina" so it's going for a large audience, and sounds like it can; I suspect bigger xmtr than listed.

5010, R Eco, regular, F-G. Much pop mx, slick pro nx, as early as 0900

5016v, presumed R Moyabamba, from *1100 but severely QRMed by vy strong R Populares on 5015.

5025, tent Quillabamba, Andean mx, Pv QTH; a couple of times in Jan; likely from their temporary 400 W xmtr

5030, Los Andes, strong, perhaps should rate vy strong--what's the power here? Regular, dominates fq from at least 1000

5040, R Libertad de Junfn, fine Pv, showing well of late from at least 0930 (all the above for last 2 pages, from Maxfield Greenwood, Sedgwick ME)

PHILIPPINES FEBC R Intl on 9700 hrd since 9/1, from *2229 w/IS, ID, local lang & hymns to 2330 f/out; often strong, but hvy QRM; lang unID, maybe Filipino dialect (Ernie Behr, Kenora Ont, 25/1)

Kyodo nx agcy, Tokyo, reported 5/2 1017: a private commercial radio stn in southern city of Pagadian was badly damaged by fire started by explosion of a time bomb, 5/2, police said. DXRP is one of the 37 AM & FM stns of the R Mindanao net, one of the largest in the Phil. Pagadian abt 780 km SE Manila; not yet determined whether connected w/pres election or w/activities of the communist-led New People's Army, NPA (WBI 13/2)

SÃO TOMÉ Unhrd on 4805v since fluke Sept reception. Did not answer my reception report, either (John Wilkins, Wheat Ridge CO)

SAUDI ARABIA BSKSA hrd again on 9705 & // 9739.5, from 1400 FR & mx, 1600 EG, 5/1 only, both strong but not hrd since; ancd only MW & 11855 (Ernie Behr, Kenora Ont, 25/1; see also MOROCCO)

BSKSA ES, complete: 03-05 Persian 15245 7195. 04-06 Turkish 15060 11685. 05-07 Holy Koran for northern half of Asia on 17740 11730, 07-10 Holy Koran for southern half of Asia, 21495 17775. 10-12 Indo 21495 17760. 10-14 Koran Af 15170. 12-13 Bengali 15345 11930. 13-15 Urdu 15345 11930. 14-16 FR Eu 9740/9220[sic] 9705, also bc domestically. 15-16 Turkmen for USSR, Iran, Afgh on 9640 7155. 15-19 Holy Koran Af 7210. 16-17 Swahili 15245 11905. 16-21 EG 9740/9720 9705, also domestically, incl nx 1830 & 2045, Saudi nx 1845-1855. 17-18 Somali 11910 9725, 18-19 Bambara 15060 7250, 19-21 Koran ME/Af 9530 7250 (WBI 30/1)

SEYCHELLES FEBA Radio, M86 final: 0112-02 Tamil 7275, 0200-0303 Telugu, Kannada 7275. 0200-0232 Urdu 9670 11855, 0232-0248 Punjabi/Sindhi 9670 11855. 0248-0305 Dari/Pushto 11790. 0257-0330(Thu/Fri 0340) Farsi 11865. 0311-0358 Swahili 9610 11810. 0342-0430(Sun 0445, Fri 0500) Arabic 11755. 0358-0429 Tu-Fri Tigrinya 9610 11790. 0727-0850 Sun EG 15120 17795. 0912-1000 FR 15430. 1057-1145(Sun/Thu/Fri 1200) AR 15405 17875. 1202(Sat 1147)-1220 Nepali 11895 & 15325. 1224-1257 Hindi 11895. 1227-1400 Malayalam/Tamil 11865 15325. 1400-1458 Hindi 11865 15325. 1458-1515 Urdu 11865. 1458-1611 EG SAs 9630, 1512-1611 EG Eaf 11925, 1515-1611 EG SAs 15325. 1612-1658 Swahili 9510 11925, 1627-1730 Malagasy 9660. 1658-1715(Wed-Sun 1730) Somali 9600 11925. 1731-1833 Oromo/Amharic 9510 11720. 1827-1845(Sat/Sun 1900) Portuguese 6130. 1833-1905 Thu Korean 9545 (FEBA) FEBA Hindi DX pgm Tarang now hrd Sats 1410 (IDXCI, Dec)

SINGAPORE On Good AMs is propagating at F-G levels on 6155 from 1045 to 1145 is f/in & peaking period. W IDs and talks a bit between records of quite good and hyper-romantic sounding Malaysian ballads. 6 pips at 1130; noted variously this winter and last (Maxfield Greenwood, Sedgwick ME)

SPAIN REE, Madrid, reported 8/2 1100 that as a result of listener demand, REE is going to extend sked in Castilian for Eu, hour-long nx pgm morns Mon-Fri; asking for listener suggestions of preferred sked to P O Box 156202, 28080 Madrid (WBI 13/2) see also COSTA RICA

SRI LANKA SLBC on 9720 has excellent sig daily, from 1400 pop mx, 1500 EG nx, more mx, NA to 1603*; again at *1630-1732* w/SAs mx, lang, 14/1 (Behr)

SWAZILAND Religious organ mx at 0340 t/in, then M in lang and Transworld ID & off air by 0345*, F-G but w/QRM 26/1 on 3275 (Maxfield Greenwood, Sedgwick)

S W E D E N RSI's traditional fq for 40 yrs, 6065 kHz, has been hit by QRMoscow since 1/1, resulting in strong protests by Sweden to the USSR (WBI 23/1) For Eu/ Af; BBCMS records show 6065 used by Sweden regularly since at least 1942 (WBI 6/2) Moscow plans to leave 6065 anyway in March, but plans to take over three other RSI fqs for M85, 9630, 11705, 21555--at exactly the same times and to exactly the same target areas, remarkably. This is being handled on the diplomatic level (WBI 13/2)

S Y R I A Damascus on 9555, my unID in Feb LN; hrd since 17/12 at 1400-1600* in AR, QRM de RCI from 1430 (Ernie Behr, Kenora Ont, 25/1)

T A I W A N V of Asia, 5980, 14/1 *1030-1050 in EG & Indo; EG pgm 1030-1040 Let's Learn Chinese, lesson 6, IN 1040-1050 (Kunitoshi Hishikawa, Japan)

T U R K E Y TRT, 6306, 0345-0352* 20/11 TK nx, sked, ID, fqs & NA before s/ off SINPO 34523 (Karel Honzik, CSSR, DSWCI SWN Jan) Strange fq; NAM svc in EG, or?

U S S R R Afghanistan via USSR xmtrs on 4740 & 3965, 1822-1842 14/1 in Pashto & Dari, mx pgm and ID 1825 (Kunitoshi Hishikawa, Japan)
"Voices of Friends" pgm on All-Union Radio first pgm Mon & Fri 1100-1130 on 14410=USB 13820=USB 12045 11760 9670 9540 5910 263 171 (WBI 6/2) I believe this is the one w/pgms from other bcers, such as R Ulan Bator (gh) Also on R Orbita-3 Mon & Fri 0600-0630 on 15545 5290; and on R Orbita-2 also Mon & Fri 0600-0630 on 11825. Mayak has nx from Republican studios, 1430-1435 Mon-Fri on 16330=USB 15210 12040 12000 11780 9620 9555 9470 8005=USB 6920=LSB 6825=LSB 5935 5925 5920 5015 4930 4520.

All-Union Radio Third pgm, classical mx & cultural, 0400-2100, incl at 0400 5900 4055, at 0700 on 16330=LSB 11690 5900 4055, 1615 on 5900 4055. Third pgm "double" [time-shifted, I guess that means], 0200-1900 incl 8005=LSB at 0200 & 1415, 14850=LSB & 13710=LSB at 0700; another one runs 0000-1700, starting out on 7925=LSB; and yet another at 2200-1500, including 6390=USB at 1015.

Nx for polar regions Mon & Wed 1500-1530 on 9590 9490; also Mon 1030-1100 polar edition of nx on R Orbita-1, perhaps on 9905=USB & 7390=LSB.

TASS Dictation-speed bc in Russian for towns and rayon newspapers Mon-Fri 0700-0900 on 9850 9730 7420 7340 6770 5780 837 (WBI 6/2)

U A E V of the UAE, Abu Dhabi, hrd again on 9900 since 11/1, at 2000-2125* in AR, 13/1 to 2130*; much weaker than before, maybe using low power (Ernie Behr, Kenora Ont, 25/1)

Dubai noted 3/11/85 on new clear fq of 11955 // 15300 // 15320 w/EG nx 1630-40. Both 19m outlets now heavily QRMed (Tom Sundstrom, NJ, 9/11 via MCI Mail--The nation's new postal system, received in late Jan...)

U K O G B A N I Just rxd word that UK pirate Free Medway Town Radio plans DX tests on 6300, 0600-0815 22 & 23/2, 1 & 2/3. No further details (Gregg Bares, Watertown CT, 13/2)

U N T I E D N A T I O N S Tanjug nx agcy reported 8/1 1423 quoting Algerian Press Svc report from UN: For first time in 40 yrs, UN Radio ceased to be hrd due to sharp rise in bcng costs; VOA decided to raise rental price from \$30 to \$179 per hour. UN nx in 15 langs temporarily interrupted (WBI 16/1) Don't expect it to return till last few months of 1986, sooner if alternate facilities can be worked out. VOA also had budget cuts, and must pass on increased costs (RNNN 16/1 via WBI 23/1)

U S A WRNO M86 : 16-21 15420, 21-2230 11705, 2230-24 9715, 00-04 7355, 04-06 6185; Sun also 06-08 6155, 08-12 6185, 12-1430 9715, 1430-16 11965 (George Jacobs, MD) KCBI, 11790 25/12 & 26/12 2048-2214 w/NPR nx in EG, F-G (F Bianchi & R Tritto, Play-DX, Italy) KCBI does not carry NPR! What happens is that AFRTS takes over fq promptly at 2200 on days when KCBI runs that late (gh)

WYFR's mbg pgm is now 26 mins long on Sats only at 1900 on 11875 (Todd Hauser, Bicknell IN)

V E N E Z U E L A 3225, LV del Occidente hrd 13/1 w/G sig, 1107-1127 pgm "Esta es mi Venezuela," from Ministerio de Educaci3n; topics incl proper children's diet, correlation betw flies & disease, gastrointestinal diseases; 1127-33 ad-

string & into another pgm (John Wilkins, Wheat Ridge CO)

R Nacional now on 5025, 30/1 2316; watch out for this 60mb wanderer, P-F (Giuseppe Zella, Italy, Play-DX) R Rebelde G-VG at same time & date (ibid.)

YEMEN SOUTHEAST Monitoring 13-20/1 of radio behaviour during coup attempt: Radio of PDR Yemen reported in 1230 nx 13/1 an attempt had been made to assassinate Pres Ali Nasir Muhammad. Bcing continued normally til 1335 when mod lost on two audible channels 11770 & 1188. Other PDRY radio channels had not been audible. Mod returned at 1426 on 11770 and at 1432 ancr apologised for break in xmsn which he attributed to a power cut. No nx at 1500 nor at any other later time that day, and continued w/instl mx mixed w/apology and "we shall resume our xmsns shortly". Bcing on 11770 & 1188 ceased abruptly at 2030 12/1. PDRY Radio from Aden not hrd again until 0900 19/1, when it came back on 7190 w/ statement by joint leadership of the YSP Political Bureau indicating that Chmn Ali Nasir Muhammad had been deposed. Later at 0920, also hrd on 11770, ancing at 1131 "Here is Aden, the Radio of the PDR Yemen"; at conclusion of morn xmsn. S/on again 1304 and hrd on 11770 & 1188, same fqs as before 13/1. 20/1, on air 0402-0902 & 1300-2000 ancg fqs as 11770, 7190, 1188. There were various reports, emanating mainly from the Gulf region, of radio stns operated by pro-Mohammad and anti-Mohammad faxions but, despite a check of all known PDR Yemen Radio fqs betw 14/1 & 20/1, no evidence to support the aforesaid reports was found during monitoring opns (WBI 23/1)

Monitoring 21-24/1: PDR Yemen Radio, 11770, 7190, 1188 in hands of faxion opposed to Ali Nasir Muhammad, increased being time 21/1: 03-06 & 11-21. Nx sked more or less same as before 13/1--main bulletins 0330, 1230, 1500, 1630, 1900 while summaries at 0430, 0555, 1130, 1400, 1800, 2030. Fri 24/1 stayed on air, as was previous practice, from 0600 to 1100 w/nx 0700, full nx 0800.

R Monte Carlo reported 0530 23/1 that there are two opposed radio stns in PDRY, the first being the couplist radio on offl Aden fqs, the other on a fq not used for many years, the voice of the side led by Pres Ali Nasir Muhammad, which report that forces owing allegiance to Pres are in control of situation and that current isolated clashes are aimed at liquidating the last pockets of resistance.

QNA nx agcy, Doha, reported 24/1 1950 from San'a, NW Yemen: Radio Aden, on 1125 kHz in support of Chmn Ali Nasir Muhammad, reports he has received various cables of support from PDRY citizens. The rebels supposedly controlling a radio stn are using all means to extract info and obtain confessions by force. Saba [?] said that since this morning the radio would be hrd clearly on this fq (WBI 30/1)

YUGOSLAVIA R Zagreb reported 22/1 1400: new R Yugoslavia xmtr centre at Bijeljina due to be made opl at beginning of next year (WBI 30/1) R Yugoslavia Day was formally marked 31/1; four 500 kW xmtrs under construction (WBI 6/2, from Tanjug 31/1 1525)

R Yugoslavia in EG: 1530-16 Eu/ME/As/Au 15240 9620 7240, 1830-1900 Eu/ME/As 9620 7240 6100. 20-2030 Eu/ME 9620 7240 6100. 2215-2230 Eu/ME 9620 7240 6100. Multilingual svc for Yugoslavs working abroad, Sat & Sun 0700-1100 on 11735 9620 7240: Sun 0700-0800 R Sarajevo in SC, 08-09 R Pristina in Albanian, 09-10 R Skopje in Macedonian, 10-11 R Zagreb in SC. Sat 07-08 R Novi Sad in Hungarian, 08-09 R Titograd in SC, 09-10 R Ljubljana in Slovene, 10-11 R Belgrade in SC. At 2100-2130 on 9620 7240 6100: Sun 2100-2130 R Belgrade in SC; Mon 2100-2130 R Ljubljana in Slovene & English; Tue 2100-2130 R Zagreb in SC; Wed 2100-2130 R Sarajevo in SC; 2100-2115 Thu R Pristina in Albanian, 2115-2130 R Novi Sad in HG; Fri 2100-2130 R Titograd in SC; Sat 2100-2130 R Skopje in Macedonian. Also 2245-2300 daily Italian nx from R Capodistria on 9620 7240 6100; Thu 2300-2330 in SC on 9620 7240 6100 a pgm for seamen, an edited version of a R Zagreb xmsn comprising material from various Croatian radios (WBI 13/2)

Z A I R E OZRT Kinshasa, 15245, sent QSL letter in 40 days, for no IRCs but did send some Italian stickers and new commemorative stamps. V/S Lepambila Saye Directeur Technique Radio-TV. QTH BP 3164, Kinshasa Gombe (F Repetto, Play-DX) Same confirmed report of 6/2/84 after one follow-up and 3 reports, for 1 IRC; V/S Amipan Mwan, A, NGO Assistant Directeur Technique (F Sandri, Play-DX 27/1)

AZAP nx agency, Kinshasa, reported 14/1 0916: Ways & means of strengthening coop betw Kinshasa and London in info was topic which citizen Ramazani Baya, State Commissioner for Info & Press, discussed 13/1 w/Brit Ambassador to Zaire Patrick Evers. The two discussed question of forthcoming resumption by OZRT of EG-lang course pgm which Brit govt has placed at Zaire's disposal (WBI 23/1)

Z A M B I A R Zambia had weak sig w/het on 9579.5, past 2157 RSA s/on Fri 17/1, other days to 2102*v, once on 9581 (Ernie Behr, Kenora Ont, 25/1)

R Zambia ES in EG to Af, also in Namibia/S Africa langs in cland pgms: Sun 0445-0730 on 11880, incl R Freedom of ANC at 0600-0645. Sun 1045-1230 on 11880 incl V of Namibia of SWAPO at 1130-1230. Daily 1545-2100 on 9505 including ANC pgms: R Freedom Mon/Tue/Wed/Thu 1700-1745, Workers' Front Fri. 17-18 Sat & Sun R Freedom; Wed 2015-2045 Youth Forum, Fri 2015-2045 Listeners' letters corner; Thu 2030-2100 Dawn Breaks. And SWAPO pgms: Sun 1815-1915, Mon-Fri 1830-1930, Sat 1845-1945 all V of Namibia; and UN anti-apartheid pgm Fri 1930-2000. Fri & Sat has EG to 2200 on 9505. (WBI 16/1)

R Zambia General Svc in EG & national langs: 0340-2210 on 6060 + MW. R Zambia Home Svc in EG & national langs: 0335-0530 6165 4910 + MW, 0530-1530 on 7220 6165 + MW; 1530-2105(Fri/Sat 2210) on 6165 4910 + MW (WBI 23/1) oops, Genl Svc runs to 2110 exc Fri/Sat to 2210 (gh)

Z A N Z I B A R R Zanzibar, new 250 kW xmtr hrd in Swahili on 11735 29/1 & 2/2 1540-1815* w/local nx 1600 & 1800, natl nx at 1700; Splatter from Holland 11730 on Sat; QRMoscow after 1800 (Finn Krone, Denmark, W Mola, Dario Monferini, Giuseppe Zella, Play-DX) 11734.4 since 24/1 1540-1816* incl SH nx 16, 17, 18, F-VG (Krone, S Sandri, A Napolitano, Play-DX 10/2)

AFP reported from Paris 1245 6/2: A 2.4 million dollar [SW] radio xmsn stn, built w/Chinese assistance, was commissioned on Zanz 5/2, enabling R Zanz to be hrd all over Af and some parts of ME. The stn [at Dole], installed w/two new xmtrs of 50 kW each, a bcng studio and emergency generators, is linked to the recording studios in Zanzibar town, some 17 km away. Tanz pres Ali Hassan Mwinyi, who commissioned the new stn, was informed that China had supplied eqp worth 20.8 megashillings (about 1.2 megadollars) and the remaining cost of 21 Ms was met by Zanz govt. The new stn, whose construxion began shortly after its foundation stone was laid by Chinese PM Zhao Ziyang on 12/1/83, replaced the antique 10 kW xmtr at Chunguni on outskirts of Zanz town.

V of Tanzania, Zanzibar, ancd in SH 1507 9/2: From 1500 GMT, VOT, Zanzibar, can be hrd on 25mb SW, 11.735 MHz, until 1815. This anmt was monitored on 6018; xmsns from VOT/Z monitored recently 1430-1815 apx on 11734.3; this fq thought to come from new stn at Dole (WBI 13/2)

CLANDESTINE CRANNY Voz da Verdade is on 4950 at *0300-0352*v, not R Nac Angola as rptd on SWLD 18/1; for more details on this & R 15 de Sept see May 85 LN-25; both stns seem coordinated on 4950 (Ernie Behr, Kenora Ont, 25/1)

V of the Liberation of Iran 1630-1830 on 9027 7080, repeated next day 0330-0530 on 15555 or 11555 [sic] 9027; M/W/F pgms, repeated T/T/S, also contain Azeri lang. Persian ID: Seda-ye Jebhe-ye Nejat-e Iran; first monitored on 23/6/83, but may have been on the air since at least 21/3/83. Stn is pro-monarchist and hostile to Khomeyni and the Iranian govt. Stn anmts also made in EG & FR; xmtrs believed to be in Egypt (WBI 30/1)

R Iranian Toilers: See AFGHANISTAN

Radio Iran, 11640, 31/12 1830 in Persian, SIO 443; 1830 IS many times, 1832 ID "Inja Radyo Iran ast". Chorus opening anmt; ID hrd many times (Kunitoshi Hishikawa, Japan)

V of the Fada'i, daily in Persian 1700-1745, repeated next day at 0900-0945, both on 4680 and 3935-USB variable. Seda-ye Fada'i first hrd 28/1/85, tho reportedly obs by Japanese listener Dec 1984; pgms hostile to govt of Isl Rep of Iran and supports establishment of a PDR in Iran. BCs start w/playing of the "Internationale": Addr for listeners' letters is: ACA, B P 43, 94120 Fontenay-sous-Bois, France. Name of organisation: Organisation of Guerillas devoted to the Iranian People (Sazman-e Cherkha-ye Fada'i-ye Khalq-e Iran) (WBI 30/1)

V of Unity, 11490, 31/12 1604-1624* in Pushto & Dari, M talk, folk mx, 1624 flute mx (Kunitoshi Hishikawa, Japan)

V of Afghanistan ancd 1130 11/1 that in addn to previous SW fqs 3.2, 3.8, 4.2, 5.2, 5.8, 7.2 MHz, VOA'll also bc on new SW fqs of 12 & 18 MHz for its esteemed listeners in ME/Eu/Am and other worldparts. Listeners in Afgh & vicinity can tune in at 06-07, 12-13, 16-17 and 1945-2045 Kabul time (0130, 0730, 1130, 1515

GMT), on above fqs; elsewhere at 08-09, 12-13, 16-17 [timezone not specified here but presumably UTC] on 16 & 25m. Please send your sound and constructive views, proposals and criticism for the removal of any shortcomings and the improvement of our pgms and their audibility to following addr: P O Box 1207, Peshawar, Pakistan (WBI 16/1) No further reports of actual fqs for this

Eelam Vanoli (Eelam Radio) was inaug'd 7/11/85 after tests for many weeks. Sked is 0930-10 & 1430-15 on near 7010; pgms in Tamil. (IDXCI Nov, from Jose Jacob)

V of Tamil Eelam celebrated 2nd anniv w/many spl pgms 4/11/85; their leader offered their xmtng facilities to other groups; also said bc hours'll be extended. 5/11 extended hours of xmsn in TM, Sinhala, EG. Tamil 1030-1200. PLOTE leader Mr Uma Maheswaran took part in one of spl pgms. One activist mentd that VOTE'd incr xmtr power soon. Sri Lankan jammers could not give even a splash to VOTE's bc on that day on 41m. But 49mb fq suffered a little bit of jamming (M K Shaikh Jawahar, Nov IDXCI) VOTE on Sundays 1100-1130 uses 7020, 7030 and 7048 in random success [sic] in following jammer (from Sri Lanka) also trying to block each of them (IDXCI member #203, Dec)

EPRLF Another Tamil militant group fighting for Tamil separate state, Eelam People's Revly Libn Front, has begun its regular xmsn on 41m from 0930 to 10 and 1430-1500 in Tamil on Weds & Suns only; reception is jamming free and quite good. Thruout Oct, EPRLF conducted test xmsn; this is the 3rd Tamil militant group to make xmsns (M K Shaikh Jawahar, Nov IDXCI)

V of the People of Burma rediscovered, but with reduced bcng; monitoring 31/1 & 1/2: after having been unhrd since 16/4/85, VOPB traced w/bc in progress on 5110 at 1146 31/1; to 1349*. At s/on 0130 1/2 bc this anmt in BM: "This is the VOPB bcng on the 60mb. Comrades and People, VOPB bcs in BM, Karen, Jingpaw, Shan and Wa every week on Fri, Sat and Sun at 0130 GMT in the morning at 1230 in evening on 60mb...the mouthpiece of the Burma Communist Party Central Committee. After items in those langs, closed at 0250; repeat at 1230-1350. This reflects a "reduction in bcng by VOPB; when last hrd on 7570 in Apr 1985 it had broadcast every day (WBI 6/2)

V of Malayan Democracy, monitoring 9/2 indicates this stn continues to operate on 6700 & 8998. CH anmt gives all xmsns: 0400-0445 Malay, 0445-0515 CH, 1215-13 ML, 13-1330 CH. Fqs as 45 & 33 meters; Malay ID: "Inilah Suara Demokrasi Melaya" CH ID: "Malaiya minzhu zhi sheng guangbo diantai" (Tetsuya Kondo, Japan)

L V de Nicaragua Libre is run by only three operators, and so its bc time is short. Nom fq is 5750; Harris 1 kW xmtr (Takayuki Inoue, NTDXC Tune, xlt'd by Hitoshi Miyashita, Jan DSWCI SW News)

R Monimbó Opened by the son of Joaquín Chamorro who is founder of an influential newspaper of Somoza regime, Diario Prensa Nicaragua; nom fq 6230; Collins 10 kW xmtr and half wave dipole; has 9 operators, all Nic; as is run by diff group from FDN, its pgm is comparatively soft (ibid.)

LV de Sandino Anti-Sandinista stn operated by FDN, Fuerza Democrática Nicaragüense. Some pgms are made at same studio as R15; Collins 5 kW xmtr; bcs on 49mb 6215, and 41mb (ibid.)

R 15 de Septiembre Opened by Mark Ortiz of FAN (Fuerza Area de Nicaraguense [sic]) after breakdown of Somoza. Bc at 06-0730, 11-1230, 18-19, 22-23 local on arnd 41, 49, 60 mb. Uses 5 Harris xmtrs, two fixed of 10 & 5 kW, and three mobile of 3 and 1 kW AM, and 3 kW SSB. Operated by 4 males and 2 females; site is different from that of LV Sandino (ibid.)

R 15 de Sept, 5570, replied in 37 days, returning two IRCs, enclosing stn stamp but no other material! Report sent to FDN, 1000 T Jefferson St NW, Suite 605, Washington DC 20007 (P L Villa, Play-DX)

UNIDENTIFIED 2500, overriding WWV as far back as mid-Aug, peaks arnd local sunset, gone by 30 mins later; suspect LAM, seems SP; M&W talking, sounds like R San Miguel or Brigadel, also hrd by Jon Cohen, NJ (Tom Sundstrom, NJ, 9/11, delayed in MCI Mail) Probably a harmonic from 1250 (gh)



QSL's

ADMIRALTY ISLANDS: Radio Man-
us 3315 p/d ltr. in 31 ds.
for ms. v/s Raka Saini,
Station Manager.(George).

ALASKA: KNLS 7355 f/d cd. in 10 ds.
for ms.(Orcutt-CA).

ALBANIA: Radio Tirana 6200/7300 p/d
cd. in 114 ds.(McDaniel). 7065
cd. in 163 ds. for 1 IRC.(Weber-
OH). 5020 via Gjirokaster n/d cd.
in 134 ds. for 2 IRCs.(Falkenhan)

ANTIGUA: Deutsche Welle 6040 n/d cd.

* in 25 ds.(Harms-MD). Caribbean
Relay Co., Ltd. 9510 f/d ltr. in
1 mo. for 3 IRCs. This was for
the BBC relay. v/s James W. McKay
QSL states that the CRC also re-
lays DW programs.(Craighead-KS).

ARGENTINA: RAE 9690 f/d "Logo" cd.

w/ pennant in 59 ds. for 2 IRCs.(Kacir-MI).

ASIATIC RUSSIA: Radio Moscow 12050 via Khabarovsk f/d cd. in 44
ds.(Tow).

ASCENSION ISLAND: BBC 7160 n/d cd. in 2 mo. w/ p/d ltr.
from site in 4 mo.(Craighead).

AUSTRALIA: Radio Australia 9770 via Carnarvon f/d "Platy-
pus" cd. in 22 ds. for 1 IRC.(Wilkins-CO). 9580 via Shep-
parton f/d "Kookaburras" cd. in 19 ds.(George). same in
21 ds.(Rigas-IL). "Woodchopping" cd. in 21 ds. for 1 IRC.
(Wilkins). 7135 via Darwin f/d "Tasmania" cd. in 1 mo.(Harms-
ms). 15240 via Lynnhurst cd. in 1 mo.(Harms). VL99 9660 p/d
cd. in 16 ds.(McDaniel). VNG 12000 f/d folder cd. in 39 ds.
(McDaniel). 4500 f/d "Melbourne Skyline" cd. in 8 wks. for 3
IRCs.(Hill-MA). VL44 4920 f/d "Queensland Symphony" cd. in 15
ds. for 1 IRC.(Weber). VLW9 9610 f/d cd. in 53 ds.(Kacir).

AUSTRIA: Radio Austria International 9635/11670 f/d cds
in 2 1/2 mo.(Paszkiewicz-WI). 6000 f/d "Styria" cd.
in 6 wks.(Bowden-CA). f/d "Gail Valley" cd.
in 2 mo.(Fodge-IA).

BANGLADESH: Radio Bangladesh 15525 n/d cd. w/
f/d ltr. in 62 ds. for 2 IRCs. v/s Kazi Rafi-
que, Assistant Director.(George).

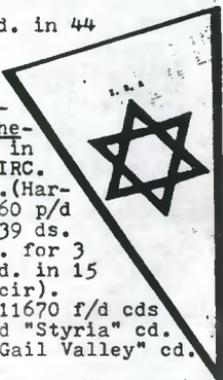
BELGIUM: BRT 9880 f/d "Kortrijk" cd. in 3 wks.(Bow-
den). 5910 f/d cd. in 45 ds.(Paszkiewicz). same
in 45 ds.(Levison-PA). 15590 f/d form ltr. in 7
wks.(Harms).

BONAIRE: TWR 11815 f/d cd. in 16 ds. for 2 IRCs. v/s
Sally Rork.(George). 15195
same in 3 wks. for 2 IRCs.
(Weber).

BRASIL: VOA 9580 via Brasilia f/d
cd. in 14 ds.(Rigas). RadioBras
11745 f/d cd. in 38 ds. for 2 IRC
(Kacir). "Palace Itamariky" cd. in
1 mo.(Bowden). same in 3 wks.(Bow-
den). Radio Nacional do Manaus 4845
f/d cd. in 2 mo. for a PT rpt. and ms
v/s Eudson Monteiro Lima.(Orcutt).

*Radio Educacao Rural 4755 p/d form ltr.
in 5 wks. for a PT rpt. v/s Ailton Gue-
rra, Gerente.(Bishop-PHIL). Radio Cultura
Sao Paulo 17815 p/d personal ltr. w/ sti-
cker in 82 ds. for a PT rpt. and ms. v/s
Eng. Olimpio Jose Franco.(Streeter-NY).

BURKINA FASO: Radiodiffusion Nationale du Bur-
kina 4815 f/d ltr. in 51 ds. for a FR rpt. &
2 IRCs.(George). same in 2 mo. for a FR rpt. &
2 IRCs.(Wilkins).



RADIO LA CRUZ DEL SUR

Luz que señala
el Camino
de la Vida
Cajon 1408

RADIO
"ONDAS DEL HUALLAGA"

HUANUCO
PERU

We are confirming reception of

TV/RA station Radio Yugoslavia

on 9620 kHz, MHz/Ch

on 3.9.1984

at/from 20.00 to 20.28 GMT

TNX FOR YOUR REPORT! via Dave Swaringen
Best 73's

Radiotelevizija Ljubljana
61000 LJUBLJANA
P.O.B. 264

- in 27 ds. (Levison). CPBS 4905/5860 f/d cd. in 16 ds. (D'Angelo-PA).
- * Xinjiang PBS 5800 via Urumqi f/d "Jar" cd. direct from station in 5 wks
 - * CLANDESTINE: La Voz de Alpha 66 6666 f/d cd. in 10 mo. (Harms-MD).
 - * for ms. v/s Sara Medina. (Craighead). 6668 f/d cd. in 302 ds. (Rigas).
 - 7550 f/d "Palm Tree" cd. in 1 yr. for an EG rpt. and ms. (Wilkins). in 3 mo. for a SP rpt. Addr: Box 420067, Miami, FL 33142. (Field-MI).
 - Radio Suriname International 17755 via RadioBras f/d form ltr. in 138 ds. w/ sticker. v/s G.J. Cooman, Acting Editor in Chief. (D'Angelo).
 - * ltr. in 131 ds. (Tow). Radio Quince de Septiembre 5570.3 f/d prepared cd. in 2 wks. v/s Bosco Matamoros. (Palmerheim). 6215 f/d ltr. in 2 wks
 - * for a SP rpt. (Field). Radio Truth 5015 f/d ltr. in 3 mo. for 2 IRCs. (Thim-CT). La Voz del CID 10040 cd. via Costa Rica for an EG rpt. in 17 mo. (Tow). Radio Camilo Cienfuegos 11634 f/d cd. in 5 wks. (Palmerheim).
 - COLOMBIA: La Voz de los Centauros 5955 f/d prepared cd. in 719 ds. for a SP rpt. and 1 IRC. (Schmitz-FRG). Radio Sutatenza 5095 f/d form ltr. in 135 ds. for a SP rpt. and 2 IRCs. v/s Nohora Rodriguez Jimenez. (Wilkins). Radio Macarena 5975 f/d cd. w/ stickers and personal ltr. in 115 ds. for a SP rpt. and ms. v/s Enrique Zambrano Nieto, Gerente. (Dillon).
 - CUBA: Radio Habana Cuba 11760 f/d "Crocodile" cd. in 90 ds. (Bowden). 6090 f/d "Las Ruinas" cd. in 90 ds. (Bowden). 9655 f/d "Lenin Park" cd. in 90 ds. (Bowden). 6140 f/d "Napoleon Museum" cd. in 90 ds. (Bowden). 6060 f/d "La Bodeguita" cd. in 90 ds. (Bowden). 6100 cd. in 90 ds. (Bowden). Radio Moscow 6000 f/d cd. in 49 ds. (Davisson-OH). Radio Rebelde 5025 n/d cd. w/ decal in 14 mo. for a SP rpt. v/s Juan B. Hernandez Dias, Director. (Craighead). p/d cd. in 390 ds. for a SP rpt. Two stickers rcvd. Original rpt. went to RHC for assistance. (Gavaras-MN).

- CZECHOSLOVAKIA: Radio Praha 7345 f/d "Tank" cd. in 23 ds. (Harms). same cd. in 1 mo. (Levison). 5930 cd. in 46 ds. (George). same in 28 ds. (Kacir). f/d "Moravian Costumes" cd. in 7 wks. (France).
- DJIBOUTI: Radio Djibouti 4780 f/d "Logo" cd. in 15 ds. for a FR rpt. (Porsgren).
- ECUADOR: HCJB 11960 f/d cd. w/ ltr. in 15 ds. for CH Service. v/s Charles Chan, Chinese Language Service. (Brouillette-IL). 6230 f/d "SPEEDX" cd. in 10 ds. for ms. (Wilkins).

RADIO NOVA

INTERNATIONAL

Shortwave Music Radio

TO: JOHN SCRULLETTA

Thank you for your reception report which we find totally correct.

DATE: July 7 1985 *** TIME: 0104-0115 GMT *** FREQ: 7428 KHZ.

This broadcast was intended for shortwave listeners in NORTH AMERICA with _____ watts of awesome pirate power.

The purpose of RADIO NOVA INTERNATIONAL is to give shortwave listeners around the world a bit of good music, some free radio chat and a lot of fun. We know we are illegal, but we are not really hurting anyone and feel that RADIO NOVA provides an alternative to the mindless drivel currently heard on the shortwave bands. We exist to serve and entertain YOU, without YOU there would be no point, we ask that you write regularly with your comments on our station and any suggestions for improvement. All your letters are read and will be answered, please support us, and support free radio around the world.

Monty Python

Dear Sir,
 Thank you for your reception report dated
 11.11.85, on 9685KHZ
 which is in accordance with our frequency
 and programme schedule.

To: Power 50 KW
 An: Name Guadalupe
 We hope you will continue to enjoy our
 programmes.

Yours faithfully
 for Director of programming

RADIO TANZANIA
 P.O. Box 919,
 DAR ES SALAAM,
 Phone: 61342, Cable "SUTU"
 Telex: 41201

Joe Talbot
No. 604 4902-37 Street
Red Deer, Alberta
Canada

ECUADOR: HCJB 11960 cd. w/ ltr.
 in 22 ds. for reception of
 CH Service. (Weber). 15155 f/d
 cd. in 6 wks. (Bowden). 11910
 f/d "Pifo" cd. in 5 wks. (Bow-
 den). f/d "IETEL Tower" cd.
 in 7 wks. (Bowden). 15115 f/d
 "Guayaquil TV" cd. in 6 wks.
 (Bowden). 17890 f/d "Satelli-
 lite link" cd. in 6 wks. (Bow-
 den). 9870/6095 f/d cd. in 32
 * ds. for ms. (Wilkins). Radio
Federacion Suaur 4960 f/d cd.
 w/ personal ltr. in 48 ds.
 for a SP rpt. and 1 IRC. v/s

NOTES FROM OUR CONTRIBUTORS: Ray Niekamp in Minneapolis says that he enjoyed the recent meeting of the Minnesota DX Club. He also says that he has a great many follow up reports out in the mail - awaiting replies. Max Henschen of Indianapolis writes that as per Ray's suggestion on thank you notes to stations, he has been doing this for years. Good going Max. I wish we all had the time to thank our verifiers...Sam. Marge Witte in California writes that her area is full of QRN. She is caught between all night jacuzzi baths and retired cabinet makers. The machines keep running all the time. Hi! New contributors include K. McDaniel in Tucson, AZ., Steve Forst in Clifton Heights, PA. and Mike France. Also received very nice complimentary letters from Michael Schmitz in Germany and Lloyd Zimmerman in Skokie, IL. Thank you...Sam. Harold Cones in Virginia says that he is very pleased with his recent QSL from Galapagos but he can't seem to get replies from the Africans no matter what he tries. You gotta hang-in-there! Steve Reinstein in Miramar, FL. was pleased with his Dili QSL. Thats a very tough verifier! Good going! A new member, Dr. Mary Jo Ondrechen in Boston, MA. writes that she is getting back into the hobby after several years absence. Glad you joined NASWA...Sam. Nelson George is the proud owner of an ICOM R71A receiver. Thats a fine piece of gear Nelson. Use it wisely...Sam.

Luis Mario Catani, Director. Pennant rcvd. (Schmitz-FRG). La Voz del Upano 5040 p/d cd. in 43 ds. for a SP rpt. and ms. (Rigas). f/d "Monumento a la Amazonia" cd. in 32 ds. for a SP rpt. v/s Luis Rivadeneira R., Director. (Forsgren-WI).
EL SALVADOR: Radio El Salvador 9585 f/d personal ltr. in 11 mo. for a SP rpt. and 2 IRCs. v/s Luis Aparicio, Director. (Streeter).
ENGLAND: VOA 11760 via Woolferton f/d cd. in 13 ds. (Hill-MA).
ETHIOPIA: Voice of Revolutionary Ethiopia 9560 f/d cd. in 1 mo. for 2 IRCs. v/s Mrs. Zemenay Laike. (Palmerstein).
EUROPEAN RUSSIA: Radio Moscow 4045 via Moscow f/d cd. in 35 ds. (Rigas). 15100 via Moscow f/d cd. in 38 ds. (Harms). 13665 cd. in 44 ds. (Tow). 15540 via Zhigulevsk f/d cd. in 44 ds. (Tow). 5980 via Rvazan cd. in 44 ds. (Tow). 9575 via Serpukhov f/d cd. in 44 ds. (Tow). 9765 via Armavir f/d cd. in 44 ds. (Tow).

Restoring N.T. Christianity
 Box 146
 Dexter, New Mexico 88230
 United States of America

December 20, 1985

Marjorie E. Witte
 5028 Merrill Street
 Torrance, CA 90503

Please accept my sincere apology for the long delay in answering your reception report. There are several reasons for the delay: 1) Our primary objective via Radio Nacional de Guinea Equatorial in Bata was to preach the Gospel. We did not expect the landslide response from Diers all over the world! Evidently our address was given in some of the Dier publications as a source of confirmation for the Bata station; 2) As a result of the many reception reports we learned that our daily programs were not being played or being played at random times while someone else used our spot! We questioned the station management about these reports, but they assured us that the program was being aired at the correct time. To make a long story short, the DX reception reports showed otherwise, so we cancelled the program on the Bata station. Response from listeners other than Diers was very poor.

I hope it is not too late to confirm your report of programming on RADIO AFRICA, Radio Nacional de Guinea Equatorial, the city of Bata.

Date: Jan 5 and May 12 1985
 Time: 1045-1216 & 1255-1245 GMT
 Frequency: 15.106 kHz
 Meter Band: 15m

FEDERAL REP. OF GERMANY: RFE
 3960 via Biblis f/d cd. in 7 ds. (Rigas).
FERNANDO POO: Radio Nacional
 * Malabo 6250 f/d "Sunset at Luba" cd. in 31 ds. for a SP rpt. and 2 IRCs. (Schmitz).
FRANCE: RFI 17620 f/d cd. in 40 ds. (Eckert).
FRENCH GUIANA: RFI 9800 via Mortsinery f/d cd. in 50 ds. (Rigas). same in 45 ds. (McDaniel). "Antenna Farm" cd. w/ pennant in 43 ds. (Davison-OH).
GABON: RFI 11705 via Mavohi f/d cd. in 1 mo. (Harms).

GHANA: GBC 4915 f/d cd. in 123 ds. for 4 IRCs. v/s Issac Mettle (Hastie-TX)
GREECE: Voice of Greece 15630 f/d cd. in 19 ds. for 2 IRCs. v/s Demetri Vapheas, Electrical Engineer. (Weber). VOA 9700 via Kavala f/d cd. in 11 ds. (Harms).

GUAM: KTWR 9820 f/d cd. in 1 mo. (Bowden). (Rigas-IL).

GUINEA BISSAU: Radio Nacional f/d cd. in 378 ds. for a PT rpt. and 2 IRCs.

HOLLAND: Radio Nederland 9715 f/d "Flevo" cd. in 3 wks. (Bowden).

HUNGARY: Radio Budapest 9835 f/d "Logo" cd. in 46 ds. (Kacir).

ICELAND: ISBS 12112 f/d cd. in 1 mo. (Gordon-CT). 13797 cd. in 75 ds. (Harms)

INDIA: AIR Bombay 9615 p/d cd. in 78 ds. (Bishop). AIR 9912 via Alichah f/d cd. w/ schedule in 47 ds. (Bishop).

ISRAEL: IBA 7410/9815 f/d cd. in 2 mo. (Bowden). 9435/9815 f/d cd. in 7 wks (Bowden). 7410 cd. in 47 ds. (McDaniel). cd. in 1 mo. (France). 15615 f/d "Shalom" cd. in 50 ds. (Harms). Kol Israel Reshet Bet 9385 cd. in 10 mo. from Box 6387. (Craighead).

ITALY: Adventist World Radio 6205 via Forli f/d cd. in 6 wks. (Kapinos-MA). same w/ personal ltr. in 31 ds. (Bishop). cd. in 1 mo. for 2 IRCs. v/s Sandy Hodgson, Secretary. (Palmerheim). cd. in 70 ds. w/ tape. (Foxx-VA). f/d cd. in 21 ds. w/ ltr. (D'Angelo). RAI 9575 cd. in 182 ds. (Tow). f/d

"Bernini" cd. in 1 mo. (France). 11800 cd. in 6 1/2 mo. (France).

JAPAN: NHK 3377.5 Osaka

* p/d cd. in 18 ds. 300 watts. (Bishop). FEN

3910 p/d cd. in 36 ds for ms. (Weber).

KAMPUCHEA: Voice of the

People of Kampuchea

11938 f/d ltr. in 165

ds. for 2 IRCs on 3rd

try. (Tow). two QSLs

rcvd. for two rpts.

via Hanoi. (Bishop).

9695 f/d form ltr. in

Verification Card

Dear Joe Talbot

We thank you for your reception report and keen interest in our programmes.

We are pleased to verify that you heard Radio Pyongyang from 11.34 to 12.07 on 9977 kHz on 1-4-1985

Your valuable opinions on our programmes will always be very much appreciated.

Yours sincerely,

Korean Central Broadcasting
Committee, Pyongyang, D.P.R.K.

217 ds. for an EG rpt. and 2 IRCs. Stamps revd. (Wilkins).

KASHMIR: Radio Jammu 3345 AIR cd. in 76 ds. Rpt. sent direct - QSL came * from Delhi. (Bishop).

KOREA, PEOPLES REP. OF: Radio Pyongyang 9715 f/d cd. in 89 ds. for 2 IRCs.

Pennant and literature revd. (Klein-WI).

KOREA, REPUBLIC OF: Radio Korea 7275 f/d "Eomical" cd. in 1 mo. (Bowden).

9745 cd. in 57 ds. (Tow). 9750 f/d cd. in 40 ds. (Bowden). f/d "1986

Asian Games" cd. in 40 ds. (Kacir). 15575 f/d "Hodori Dolls" cd. in 20

ds. (Harms).

LESOTHO: BBC 6190 n/d cd. in 17 ds. (Harms). Radio Lesotho 4800 f/d "Flag"

cd. in 42 ds. for ms. (Lare-MI).

LIBERIA: ELWA 4760 f/d "Antenna" cd. in 38 ds. v/s F. Manuel. (Forsgren).

same in 45 ds. for ms. (Foxx).

LIBYA: Radio Jamahiriya 11815 f/d "Rainbow" cd. in 10 mo. (Eckert-PA).

MALAGASY REP: Radio Nederland 9715 f/d cd. in 1 1/2 mo. (Fodge). 9540 f/d cd.

in 58 ds. (McDaniel). f/d "Flevo" cd. in 30 ds. (Davison).

MALI: Radiodiffusion TV Mali 4783 p/d "Kap" cd. in 11 wks. for a FR rpt.

and 3 IRCs.

(Hill-MA).

same in 5 1/2 mo.

for a FR rpt.

and 2 IRCs.

(Palmerheim).

same in 2 mo.

(Gordon-CT).

MALTA: Deutsche

welle 9505/

11785 n/d cd.

in 25 ds. (Har-

ms). Radio Med-

iterranean 6100

4 cds. in 3 mo.

for 2 IRCs.

(France).

RNCI

Willy

QSL

Captain Willy from on board the USS Sphincter

DATE 8-5-85 TIME 0039Z POWER 1000WATTS

ANTENNA 1/4 WAVE VERTICAL FREQUENCY 7433KHz

Radio North Coast International

THE VOICE OF THE GREAT LAKES

Agradecemos reporte Q S I de Ud

We acknowledge with thanks your Q S I

fecha del _____ lo cual gustoso-

mente verificamos

dated Jalis _____ which is hereby

verified

RADIO CONTINENTE

YVKM 5030 KCS 7-1/2 KW YVKL 590 KCS 20 KW

De Ud. atentamente,

Very truly,

RADIO CONTINENTE

ltr. in 40 ds. for ms. v/s O. Malatana, Station Manager.(George).

NORWAY: Radio Norway 15310 f/d cd. w/ sticker in 35 ds.(George).

OLAN: BBC 7135 n/d cd. in 23 ds.(Harms).

PAKISTAN: Radio Pakistan 17640 p/d ltr. w/ cd. in 2 yrs!(Gavaras-WN).

PAPUA NEW GUINEA: Radio Central 3290 p/d ltr. via Boroko in 2 mo. v/s Karl Kila.(Bishop).

PARAGUAY: Radio Nacional 9735 p/d form ltr. in 70 ds. for a SP rpt.(Harms).

PERU: Radio Tarua 3310 n/d ltr. in 61 ds. for a SP rpt. and ms. v/s Julio Cardozo Ganoza, Titular Gerente.(Wilkins).
Radio Quillabamba 5025 n/d form ltr.

w/ pennant in 125 ds. for a SP rpt. and ms. v/s P. Rufino Lobo Alonso, Director.(Street-NY).

POLAND: Radio Polonia 9525 f/d cd. in 125 ds. for 1 IRC. (Brouillette). 7145/7270 cd. in 209 ds.(Levison).

PORTUGAL: RFE 17735 via Gloria p/d "Map" cd. in 12 ds.(Harms).

QATAR: QBS 9905 cd. w/ ltr. in 220 ds.(Tow). f/d cd. w/ sticker in 58 ds. for 2 IRCs.(George).

RIO MUNI: Radio Nacional 15106.4 f/d ltr. in 10 mo.(Howard-CA).

ROMANIA: Radio Eucharist 9510 f/d "Blaj" cd. in 123 ds.(Brouillette-IL). 5980 f/d cd. in 4 mo.

w/ stickers.(France).

RWANDA: Radio Rwanda 3330 p/d ltr. in 43 ds. for a FR rpt. v/s Gamaliel Rwigema, Chef de Section Documentation et Censure.

SENEGAL: ORTS 4390 f/d cd. in 5 wks. for a FR rpt. and 3 IRCs.(Hill).

SEYCHELLES: Norea Radio 9510 f/d cd. w/ personal ltr. in 18 ds.(Craighead).

SINGAPORE: BCBFES 11750 p/d cd. in 1 mo. for 3 IRCs. (Craighead).

SOUTH AFRICA: Radio RSA 9615 f/d cd. in 25 ds.(Harms). 17780 cd. in 17 ds.(Tow).
Capital Radio 9765 p/d ltr. in 40 ds.(McDaniel).

SPAIN: REE 9630 cd. in 44 ds. (Levison). f/d cd. in 50 ds.(McDaniel). 6125 f/d "Castillo de Amoudia" cd. in 2 mo.(Bowden).

SUDAN: Radio Omdurman 5039 p/d ltr. in 42 ds. for 2 IRCs. p/d ltr. also revd. from Mr. Brown.(Lare-WI).

SWEDEN: RSI 9695 f/d cd. in 3 wks.(Bowden-CA).

RADIO TELEVISION HONG KONG
(P O Box 70200, Kowloon Central Post Office, Hong Kong)
783

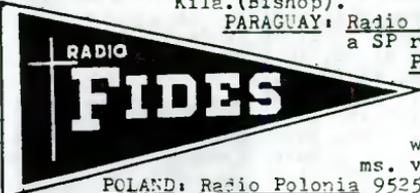
CHINESE RADIO PROGRAMMES — RADIO 1 640 KHz (AM)
RADIO 2 94 MHz (FM Stereo)
567

ENGLISH RADIO PROGRAMMES — RADIO 3 545 KHz (AM)
RADIO 4 91 MHz (FM Stereo)
Radio 5 96 MHz (FM Mono)

Radio 1 - Radio 4
TRANSMISSION (BOTH SERVICES) 0600-0200 hours (Hong Kong Time)
24

Radio Television Hong Kong confirms your direct reception report on our programme broadcast on 3940 MHz/KHz and we forward the official QSL card with compliments.

The transmission of 3940 KHz is a special weather broadcast for the South China Yacht Race from 14.4.84 to 20.4.84 and from 23.4.84 to 29.4.84. The frequency 6807.5 KHz operated by Cable & Wireless (HK) Ltd was used for the radio communication between Hong Kong and Manila. The transmitter is located at the same site as the one on 3940 KHz.



SOUTH AFRICA

WITH COMPLIMENTS

SABC

SOUTH AFRICAN BROADCASTING CORPORATION.
P.O. BOX 8606. JOHANNESBURG.
SOUTH AFRICA

Our Station Paradys (Bloemfontein) 210 A.M.

Heard by you on 11 Metres 7.85 Mc/sec.

At 23.58 G.M.T. on 1964 February 1961

For Chief Engineer W. J. S. C. J.



SWEDEN: RSI 9695
f/d "Antenna"
cd. in 17 ds.
(George). 15355
via Horby f/d
cd. in 8 ds:
(Harms). cd. in
3 wks. (France).

TAIWAN: Voice of
Free China f/d
cd. w/ newsltr.
in 3 wks. (Hill)
11805 cd. in 23
ds. (Levison).

TANZANIA: Radio
Tanzania 4785
p/d cd. in 42
ds. for 2 IRCs.
(Paszkwicz).

TUNISIA: Radio

Tunis 15225 Sfax p/d ltr. in 8 mo. for ms. (Lare).

UKRAINIAN SSR: Radio Moscow 4060 via Kharkov f/d cd. in 35 ds. (Rigas).
7150 via Lvov f/d cd. in 31 ds. (Forsgren). Radio Kiev 5905/7165 f/d cd.
of the "Supreme Soviet Building" in 73 ds. (Levison). Radio Moscow 7290
via Lvov f/d cd. in 2 mo. (Niekamp). 7150 via Starobelsk f/d cd. in 2 mo.

USA: Radio Marti 9525 via Bethany f/d cd. w/ ltr. in 12 ds. (Niekamp).
(Brouillette). f/d "Jose Marti" cd. w/ ltr. in 8 ds. (George). 9660 f/d
cd. in 141 ds. (D'Angelo). 11815 via Greenville same cd. in 240 ds. for
ms. (Wilkins). VCA 11740 via Delano f/d cd. in 12 ds. for ms.
(Wilkins). via Greenville w/ cd. in 8 ds. (Falkenhan).
WYFR 15170 f/d cd. in 60 ds. (Bowden). 15055 f/d "Map" cd.
in 95 ds. for ms. (Gavaras). KCBI 11790
f/d cd. in 2 wks. for ms. (Orcutt).
f/d "Texas to the World" cd. in 11 ds.
(Falkenhan). KGEI 15280 f/d "Golden Gate
Bridge" cd. in 7 wks. for ms. (Hill-MA).

USA (Pirate): WMTV 7425 f/d ltr. in 365 ds.
for ms. after a phone call reminder. (Palmer-
ersheim). f/d form ltr. in 154 ds. for SASE.
(D'Angelo). same in 1 wk. (Field-MI). f/d ltr.
in 6 mo. for ms. 100 watts! (Sgrulletta-NY).
7417 and 7425 f/d form ltrs. in 9 ds. and 15 mo.
for ms. (Paszkwicz). KGRO 7425 f/d "The Power
Station" cd. in 1 mo. for ms. (Talbot-ALE).

USSR: Radio Moscow 15420 f/d "Bolshoi Theatre" cd. in
6 wks. (Bowden). 12050 f/d "St. Basils Cathedral" cd
in 1 mo. (Bowden). 11840 f/d cd. in 42 ds. (Levison).

UZBEK SSR: Radio Tashkent 11785 f/d "Rug/Logo" cd. w/
schedule in 9 wks. (Hill).



RADIO RSA 

The Voice of South Africa



VATICAN: Radio Vaticano
6015 f/d "Tower" cd.
in 16 ds. (Harms).
f/d "St. Peters Sq-
uare" cd. in 4 wks.
(Bowden). 11955 f/d
"Citta del Vaticano"
cd. in 60 ds. (Bow-
den). 6015/9605 f/d
cd. in 4 mo. (France)

VENEZUELA: Radio Tach-
ira 4830 n/d
cd. in
64 ds.
for a
SP rpt.
and 2 IRCs.
(Pasziewicz-WI).
YVTO 6100 f/d cd.
in 38 ds. for a SP
rpt. (Harms). same
in 7 wks. for a SP
rpt. and 1 IRC. (Hill).

YEMEN ARAB REPUBLIC: Radio Sana'a 9780 p/d ltr. in 3 mo. for 2 IRCs. (Lare)
YUGOSLAVIA: Radio Yugoslavia 9620 f/d cd. in 117 ds. (D'Angelo).
ZAIRE: La Voix du Zaire 15245 f/d personal ltr. in 169 ds. for a FR rpt.
and ms. v/s Ayibam Mwan-a Ngo. (Streeter).
ZIMBABWE: ZBC 3396 f/d "Map" cd. in 63 ds. for 1 IRC. (Schmitz).

Thats about it for another column. Have a fine DX Season and keep the reports pouring in...Sam.

Q
S
L



WITH THE

COMPLIMENTS

OF THE
SOUTH AFRICAN BROADCASTING CORPORATION
OUR STATION: PARADYS NEAR BLOEMFONTEIN 20 K.W.

RADIO SOUTH AFRICA

HEARD BY YOU ON 19.9 METRES 15,060 M.C.
AT 2000 G.M.T. ON 2nd March, 1962

FOR CHIEF ENGINEER

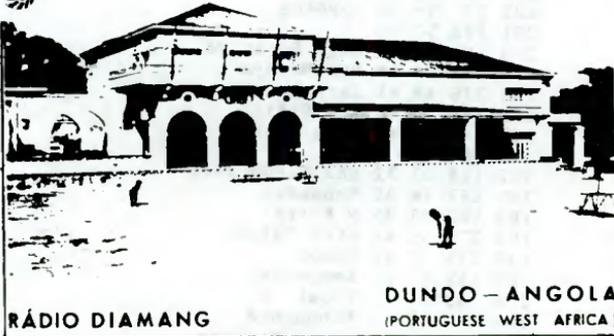


Sam

VOZ DE ANGOLA.
P.O. Box 3158
LUANDA

This confirms the reception
of our program broadcast on the
24 / 4 / 74 from 2200 to 2219 GMT
on 6175 Kcs/ft. Power 49 kw

22.5.74



RÁDIO DIAMANG

DUNDO - ANGOLA
(PORTUGUESE WEST AFRICA)



JERRY A. LINEBACK, Editor
 115 Wroxton
 Conroe, TX 77304

MARCH 1986

Greetings and welcome again to NASWA's Scoreboard. In this column, you have the opportunity to share your DXing progress with everyone. This month the Spotlight is on Asia. C/H = Countries heard and C/V = Countries verified. Country counts are by official NASWA Country List. The next Scoreboard will appear in the June issue of FRENDX and the Deadline for submitting Scoreboard updates will be 15 May, 1986. The Spotlight for the June issue will be on Europe. You must update at least once a year or your entry will be deleted. Many thanks to all who have contributed to this month's Scoreboard.

Name, State	Total		Asia		Best Asian QSL
	C/H	C/V	C/H	C/V	
James Young, CA	230	221			
John Tuhscherer, WI	229				
Sam Barto, CT	227	217	63	59	V Iraqi Kurd.
Bob Padula, Austral.	223	217	65	64	Bhutan
Edward Kusalik, Alb.	220	212	61	58	AIR Srinagar
Marlin Field, MI	218	217	60	59	RRI Gorontalo
Jerry Berg, MA	218	216	61	61	Goa
Tom Williamson, Ont.	218	203	59	51	Goa
Nobuaki Takahashi, Japan	217	186			
William Flynn, CA	216	200	60	52	Hong Kong 9525
Gerry Bishop, Phil.	215	189	61	51	NHK Hiroshima
Tom Gavaras, MN	213	204	61	57	VTVN
Al Miller, OH	212	204	58	54	Qatar
Terry Krueger, FL	212	146	52	20	Singapore
Mitch Sams, KS	208	117			
Terry Palmersheim, MN	207	163	59	41	RRI Serui
Larry Abraham, MI	206	191	54	47	Brunei
John Sgrulletta, NY	204	204	52	52	V. O. Peace
Dave Valko, PA	203	170			
Steve Reinstein, FL	203	166	52	34	Burma
Mike Nikolich, IL	203	159	56	38	Thai TV
Paul Buer, FL	202	187	53	49	VoPeace
C. J. Orekar, CA	201	192	56	54	
Henry Lazarus, LA	200	196	54	53	RKIP Surabaya
Ron Howard, CA		184		50	NHK Nagoya
C. Vernon Hyson, NC	195	176	49	41	Sarawak
Richard Davis, NM	195	175	58	53	RRI Dili
Steven Lare, MI	193	148	53	40	Hong Kong
Kevin M. Szot, CA	193	040	56		
Bill Harms, MD	192	114	57	32	KBS Taegu 2510
Henry Ward, Que.	190	167	44	39	Mongolia
David Swaringen, NC	189	160	43	35	N Korea
Mike Hardester, CA	188	175	51	46	AFNT Taiwan
Del Fye, FL	188	171	49	44	Ambon
Stephen Leite, MA	187	159	41	37	Kampuchea
Nelson George, NC	186	153	46	37	Tibet
John R. Tow, AL	186	147	41	31	Kampuchea
Jerry Lineback, TX	186	107	51	15	Ujung Pandang
John Huniwell, NJ	185	178			
Harold Cones, VA	185	161			

Name, State	Total		Asia		Best Asian QSL
	C/B	C/V	C/B	C/V	
John Bryant, OK	185	141	52	40	R Nepal
Michael Schmitz, FRG	181	147			Turkish Police
Hadley Cress, VA	181	008	43	3	Sri Lanka
Ray Forsgren, WI	180	103	40	12	Mongolia HS
Rick Krzemien, IL	178	135	47	35	Sarawak
Lin Robertson, CA	177	150			
Walter Kunz, PA	177	102	43	18	King of Hope
John Meyer, WI	175	130	49	35	Kampuchea
Christos Rigas, IL	174	147	45	41	Aden
Bob McCoy	174	085	43	13	BBC Malaysia
Ken Cobb, ME	173	129	41	32	Nepal
Morley Kirkland, Ont.	170	155	42	36	Laos
Gayle Van Horn, FL	169	129	41	29	Sarawak
Don Hosmer, MI	169	127			
Bob Streeter, NY	168	132	38	30	Turkish Police
Tom Laskowski, IN	165	123	31	20	Ulan Bator
Norman Bobb, MN	165	1	40		
Charles Foxx, Jr., VA	160	129	42	33	Both Yemens
David Jones, VA	159	131	35	30	Pyeongyang
Baxter Hensley, TX	156	141	44	41	N Yemen
Sheryl Paszkiewicz, WI	156	128	30	24	Qatar
Austin Kelly, IL	152	121	33	24	Ulan Bator
Peter Tutak, NJ	152	114			
William Plum, NJ	149	108			
Nolan Stephany, NY	147	128	29	29	Turkish Meteo
Steve Kennedy, TN	138	103	30	21	FEBC Phil.
Greg Hart, FL	134	75	29	10	Iraq
Peter Dillon, MD	133	89	31	18	R. Sanaa
Tom Daly, NY	133	30	30	5	R Lebanon
Boris Benkovich, B.C.	130	82	26	17	Ulan Bator
Jerry L. Green, TN	128	95			
Jim Renfrew, NY	124	61	24	12	BBC Cyprus
David Hetzel, WI	123	85	23	14	FEBC
Keiichi Kondo, Japan	123	79	49	31	RRI Kupang
Kenneth Hill, MA	123	70	25	15	R Pakistan
Fr. John Eckert, PA	118	45	28	9	S. Korea
Kevin Klein, WI	117	56	24	11	R Japan
Joe Talbot, Alb.	115	93	30	24	R Lebanon
Joe Kremer, SC	113	59	19	10	Iran VIRI
Steve Forst, PA	111	43	19	11	King of Hope
Ichiro Maruo, Japan	108	81	33	21	SBC
Dustin Brann, MO	106	46	20	8	Singapore
Bill Thim, CT	105	74	21	16	SLBC
Joe Polchlopek, VA	104	71	34	22	Kampuchea
Harold Levison, PA	101	61			
Jackie Cole, CO	099	076	21	12	Syria
Peter Giacopelli, NY	098	086	19	11	Iraq
Thomas Ross, IL	083	068	15	12	JJY 8000 kHz
E. M. Church, VT	081	050	11	6	
Allan Schlaugat, WI	079	059	16	10	Vietnam
Michael Monaco, NY	079	055	15	9	VoVietnam
Ronald Purdue, MN	079	043	19	10	
Bob Nagel, PA	074	060			
Ted Gurley, TX	074	046			
Steve Schaub, IL	069	057	13	10	R Korea
Pedro Hazel, NY	057	005			
Mike Magick, AZ	052	040			
Vivienne Sales, IN	035	026			

Thanks to all our contributors this month. Please share your totals with your fellow NASWA members through Scoreboard. Your editor is back on line with a new antenna which survived the first of our spring tempests earlier in February. Remember the Spotlight next time will be on Europe. Good DX and 73s. J.A.T.

update

March 1986***ISSN 0160-7758***#206

Tom Allenan
636 E. 74th Terr.
Kansas City, MO 64131 USA
(816) 523-7292 7-10 pm Central only

UPCOMING DEADLINES: 10 March (Mid-March) 20 March (April) 10 April (Mid-April)

Reproduction permitted. Credit original reporter and NASWA UPDATE. Dates, times and days GMT; freqs kHz.

Two sets of logs from friend Hitoshi Miyashita in Japan, who is now enjoying a trip to Europe for several weeks. Without further ado:

Vietnam Tentative Lam Dong noted on 5157v w/ very distorted audio at --1100* and *1145-1215* on January 5-6.

AFGHANISTAN Clandestine VoUnity noted on NF 9535 at 1603-1627* on 1-5 // 11490. Many thanks to Yoshinori Kato (whose name should be familiar to some MW or USSR DXers) for the information on the UNID here. It has been an open secret that this stn b'casts from Egypt, and also that it has been in operation since 1980.

LAOS National Radio--Xieng Khouang regularly noted on 5645v at *1055- in early January. And noticed on 1-5 with a // to 5010.5. Mr. Nobuyuki Maki advised me that this could be a reactivated frequency, because it was used as one of three freqs several years ago. One of them was 5025v.

MOZAMBIQUE EG prgm "R. Maputo" from 1800 noted regularly on 9618v in December, and also several times in mid-Dec on 3338 and on 4854.8 on 12-25.

PAKISTAN Tentative Rawalpindi noted on 5010.2 at +1400-1800* in December. Very poor signal. S/on is irregular. Possible power decrease.

IRAQ Vof the Masses FS back to *1600 after October. And here is a list of the VoM HS and FS freqs heard in Nov/Dec. Some noted only once or twice, especially irregular on 31 and 25 mb:

6010 HS *1600-2030+	6040 HS -1830-0030-	6050 HS -2330-0100-	6075 HS -2330-0100-
6185 HS -1300-1700-	6195 HS -2030-0030-	7110 HS *1800-0100-	7120 FS *1600-
7240 HS -1800-1830-	7270 HS -0000-0100-	7295 HS -1300-1500-	9505 HS -1600-
9530 HS -1300-	9630 FS *1600-1930-	9655 HS -0030-0100-	9665 HS -1900-1930-
*9690 HS -1400-	9745 FS *1600-1930	9745 HS *0500-0700-	11705 HS -1415-1500-
11720 HS *0500-0800-	11790 HS *0500-0530-	13700 HS *0500-1000	15195 HS *0500-0930-
15440 HS *0500-0700-	17770 HS *0500-0700-		

LAOS NR--Xieng Khouang heard on 5655/ 5011v at 1055*+. 5011v is used regularly at the moment, suffering strong QRM from Guangxi PBS and Singapore BC on 5010 and Vladivostok on 5015.

NR--(Sfanubon) noted at *0925a/*2225a in Jan on 6981v.

PAKSITAN Reusing 75mb, and noted on 3978v first on 1-16 at -1400-1800*. This is QSY of Islamabad on 5103v for HS/FS in Dari.

TANZANIA RT Zanzibar noted on two frequencies, both new to Japan. One is rf 11734.4 at 1530-1730-, first heard on 1-11. The other is long planned 6014.7 at -1600-1700-, first heard on 1-16. Both are in // but unheard on 3339 in January. Jun-ichi Nishikawa received a letter from an RT anncr last year stating that the station would begin to use the new transmitted soon.

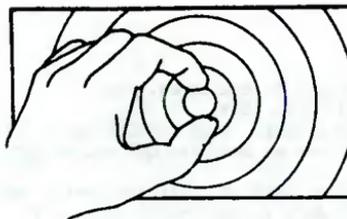
VIET NAM Lam Dong left 5157v as previously reported on about 1-7. Found on 4414v w/ improved sigan and modulation. Sked remains the same.

And to close out some reports from Hitoshi 's DXer friends. There are specials and may not be reprinted.

KENYA Swahili prgm (Mayber National Service) of VoK heard in early January at -1200-1500 v* (+ 15 minutes) on 11740. Also heard general service at -1400-1500- on 9725. (Jun-ichi Nishikawa, NTDXC TUNE)

LAOS Laos local stn heard on 6981v for several months gives location as "Sfanubon. (I don't know its correct spelling. It is at least the name of the Laotian prime minister.) UNID location but could be ex Luang Prabang. (Nobuyuki Maki, NDX "DX")

All for now. Best 73 till the next--



LOG REPORT

section A

2000 to 4899 kHz

Editor: Mike Harris, P.O. Box 264, Grove City, OH 43123

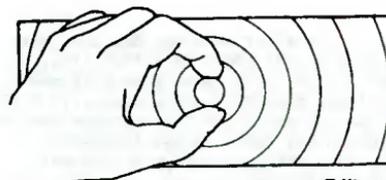
- 2390 MEXICO. R. Huayacocotla. 0043. SS. Mex pop's, news at 0045, lots of ID's(Dickson 2/2)
- 2850 Ho. KOREA. KCBS. 1425-1432. KK. Orchestral mx & chorus, possible nx at 1429 by YL.(Palmer 13/1)
- 3200 SWAZILAND. TNR. 1920. EE. Usual religious propoganda, SSB QRM.(Schulze 14/1)
- 3210 MOZAMBIQUE. R.M. 1900. PP. Local mx programme, PP news(Schulze 15/1)
- 3220 CHINA. CPBS. 2000. CC. Chinese music and news(Schulze 14/1)
- 3250 SOUTH AFRICA. SABC. 0402. EE. "Radio 5" pgm at this time, after Luz y Vida S/off with good liv!(D'Angelo 19/1); "Radio Orion" at 0240 with talk in EE & Afrikaans with oldies type music(Palmer 13/1)
- 3255 LIBERIA. LBS. 1940. EE. Local music(details please-ed)(Schulze 20/1)
- VENEZUELA. LV de El Tigre. 0442. SS. Lively latin vocals, excited OM anc'r w/ talk in-between selections, @0454 into news headlines...(D'Angelo 4/1)(Paszkievicz 6/1)
- 3260 ECUADOR. LV del Rio Carrizal. 0205. SS. EZL music, LA ballads/lovesongs(Dickson 8/1)
- 3270 SOUTHWEST AFRICA. SWABC. 0249. Afrikaans. Mix and Match musical selections // 3295, best in ECSS mode.(Palmer 13/1)
- 3275 VENEZUELA. R. Mara. 0350. SS. Romantic vocal selections, ID's at 0404(D'Angelo 17/1)(Bobb 2/1)
- 3280 ECUADOR. LV del Napo. 0157. SS. Ballads, ID's, NX, TC...(Paszkievicz 11/1)(Bobb 24/1)
- 3285 BELIZE. RB. 1150. EE. Pop music tunes w/OM anc'r, ID @ 1201 then into religious pgm(Cobb 13/1)(Bobb 23/1)
- 3315 PAPIA NEW GUINEA.(Admiralty). R. Manus. 1321. PD. OM host of country music programme w/ "Leavin on a jet plane"(Allen 1/2)
- 3325 BRASIL. R. Liberal. 0430. PP. OM w/full ID at QTH followed by EZL music. Best reception on 3326 to avoid UTE QRM(Jordan 21/1)
- 3346 ZAMBIA. R. Zambia. 1810. EE. Music and political reports(Schulze 18/1)
- 3338t MOZAMBIQUE. R.M. 0320. PP. Afro style music(Dickson 25/1)
- 3356 BOTSWANA. R.B. 0432. EE. News headlines. Exc signal!(Wilkins 21/1)
- 3385 FRENCH GUIANA. RFO Cayenne. 0130. FF. Pop & soft rock tunes, CW QRM(Dickson 28/1); @ 0137 until 0209 S/off w/ Lionel Ritchie songs(Mosman 9/1)
- t INDONESIA. RRI Kupang. 1425. II. Gamelan music, 1430 into what seemed like an AA recitation, didnt catch ID.(Wilkins 5/2)
- 3395 ECUADOR. R. Zaracay. 0352. SS. Vocal music, ID, open carrier @ 0400(Purdue 26/1)
- INDONESIA. RRI Tanjung Karang. 1435. II. MOR vocals, all by YL artist(Wilkins 5/2)
- 3440 VENEZUELA. R. Impacto. 0905. SS. OM DJ's. Lots of US oldies(Allen 8/1)-better late than never-ed!!
- 3735 CLANDESTINE. R. Vencemos. 0120. SS. Energetic talk by OM, lots of shouting & martial music(Jordan 13/1)
- 3905 UNITED KINGDOM(Pirate!). Spectrum World Broadcasting. 0224. EE. Lots of music, asking for 2 IRC's with reports(Schulze 30/12)-a little old but still interesting-ed.
- 3930 TRANSKEI. Capitol Radio. 0330. EE. Usual pgm of rock tunes, some SSB QRM(Dickson 12/1)
- 3985 SWITZERLAND. SRI. 2135-2201. //6165 with James Brown music. Poor signal(Cobb-31/1)
- 3990 LIBERIA. VOA. 0340-0405. EE. Talk about developments in Uganda w/ musical interludes, NX at 0400. Tough copy!(Jordan 30/1)
- 3999 GREENLAND. Grønlands Radio. 1137-1224. Greenlandic(?). Pgm of early to mid 50's pop tunes, possible ID at 1200. Poor signal(Gerardi 13/1); tentative 1145-1203 w/ EZL severe het & C! QRM(Paszkievicz 12/1)
- 4460 PERU. R. Morandina. 0115. SS. Andean music, OM anc'r(Dickson 29/1)(Alexander 28/1)
- 4680 ECUADOR. R. Mal Espejo. 0220. SS. EXL music, full ID @ 0225. Good signal(Dickson 19/1); (Cobb 20/1)
- 4734 MOZAMBIQUE. R.M. 0410. PP. Talk by MEN, ment's of Maputo, Lel mx //9618(Paszkievicz 14/1)
- 4740t U.S.S.R. R. Afghanistan. 0246. EE music, sked here as per RDI(Palmer 4/1)
- 4752.7 INDONESIA. RRI Ujung Pandang. 1432-1447. II. "Programa Nasional" w/many Indo place names recognized, some martial music, possible "reflections" pgm @ 1445(Palmer 13/1); ID @ 1552 w/OM anumt that nx is coming from Jakarta(Sharpe 27/1)
- 4760 LIBERIA. ELWA. 2120-2140. EE. Religious music and bible reading, Ad for Radio Bible Classes(Cobb 19/1)
- 4765 GUYA. R. Mayak. 0345. RR. OM w/ talk then music(Sparreboom 20/1)
- 4770 NIGERIA. FRCM-Naduna. 2215-2301. EE. Rock & "hiliife" tunes, nx @ 2255(Dillon 18/1)
- 4775 COLOMBIA. R. Super. 0626. SS. Song's and phone conversations, pop music(Cobb 18/1)
- 4780 ECUADOR. R. Espejo. 0304. SS. LA songs, singing ID(Tuchscherer 19/1)
- VENEZUELA. LV de Carabobo. 0205. SS. Musica Popular, lottery winners announced(Hein 30/1)
- 4783 MALI. RTV Mali. 2105. FF. World & Afro news//4835(Dillon 20/1)
- 4785 COLOMBIA. Ecos del Combina. 0135. SS. Lively LA music, TC's(Dickson 9/1)
- 4790 PAKISTAN. Azad Kashmir Radio. 1155. Urdu(?). Flute @ 115S, then "Indian recitations", w/ flute. Poor signal(Allen 29/1)

- 4790 PERU. R. Atlantida. 0207. SS. OM w/ speech mentioning many LA countries, Full ID
 ● 0210(Jordan 13/1)(Dickson 5/1) & last but not least(1)(Cobb 16/1)
- 4795 ECUADOR. LV de los Garas. 0045. SS. Variety of pop music tunes, some vocals(Jordan 15/1)
- 4796 BOLIVIA. R. Nueva America. 1040. SS. Music and anmts. Poor w/ moderate QRM and slight
 QRM(Vance 19/1)
- 4800 LESOTHO. R.L. 2132. EE. Preaching & religious pgm(Dillon 12/1); ● 0414(Paszkievicz 13/1)
- 4802 ECUADOR. R. Popular de Cuenca. 0153. SS. Several ID's, Ad's for smokes(Dickson 29/1)
- 4805 BRASIL. R. Itatiaia. 0043. PP. Brazilian music, then US EZL music(Purdue 1/1)
- 4810 GALAPAGOS. LV de los Galapagos. 0059. SS. Hour 1-o-n-g religious pgm, ID at 0158 as
 HCVC-8 w/NA(Allen 20/1); ●0105(Dickson 24/1)
- GABON. AF#1. 0520. FF. Musical selections of all types(Jordan 3/1)
- PERU. R. Dif. San Martin. 0145. SS. OM w/ news, Martial music "bridge" into talk &
 quick ID at 0150.(Jordan 13/1)
- 4815 BURKINA-FASO. RTV Burkina. 2340. FF. "Hilife" music, S/off 0003(D'Angelo 5/1); ●0001
 "Ici Ouagadougou"(Jordan 19/1)(Mosman 9/1)
- 4820 HONDURAS. LV Evangelica. 0345. SS. "La Historia de Cristo", 0400 ID(Palmer 28/1)
- 4825 UKRANIAN SSR. R.M. via Starobelsk(per RDI). 2135. SS. Talk & music interlude(Dillon 20/1)
- 4830 GABON. AF#1. 2250. FF. Crystal Gale & other US music with news about the "Challenger"
 disaster(Klein 28/1); ●2100 w/musique traditional(D'Angelo 26/1)(Bobb 27/1)
- 4835 MALAYSIA. Kuching-Sarawak. 1447. Malay. "Yellow" network w/ talk by YL(Palmer 13/1); ●
 1520 w/ Koran recitations(Sharpe 2/1)
- 4845 BRASIL. RN de Manaus. 0900. PP. Canned ID's & talk by OM(Dillon 25/1)
- MAURITANIA. ORTH. Nouakchott. 2305. AA/FF. Afro/AA music, recitations, heard past
 0100 some nites(Jordan 29/1)(Dillon 20/1)
- 4845.3 INDONESIA. RRI Ambon. 0939. IN. Religious recitations, ID ● 1018(Allen 3/2)(Wilkins 2)
- 4850 COSTA RICA. R. Columbia. 0140. SS. Romantic songs, 1950's rock tunes, canned ID &
 jingle(Dillon 13/1)
- 4855 MOZAMBIQUE. R.M. 1845. PP. EE pops S/off at 1859(Schulze 14/1)
- 4860 PERU. R. Chinchaycocha. 0130. SS. Peruvian music-flutes, etc. Anmts by OM w/TC and
 ID.(Dickson 25/1)
- 4865 CHINA. Gansu PBS. 1530. CC. Euro classical mx, variety show(Sharpe 20/1)
- COLOMBIA. LV de Cinaruco. 0402. SS. MX, ID & S/off(Paszkievicz 14/1)
- 4875 BOLIVIA. R. Santa Cruz. 0211. SS. LA music till S/off w/ID ● 0304(Dillon 19/1)
- 4885 COLOMBIA. Ondas del Meta. 1148. SS. "Wedding Processional" on guitar(Dillon 18/1)
- 4895 MALAYSIA. Kuching-Sarawak. 1459-1500. Only caught NA at S/off(Palmer 13/1)

FILL-THAT-GAP

- Nice, but small, contribution this month. Thanks to some of the "new" names I've seen this
 time around as well as the "oldies" that are here every month!!
- Believe it or not, I am still recieving log's the size of spaghetti noodles, please give
 some detail in your loggings other than "MX by OM in SS", this will be better for everyone
 I think!!
- For those of you who have submitted logs and for some reason they dont appear or have been
 deleted please be patient. All of us Editor's here in NASWA are just that, Editors, not
 typists, and occasionally we will have to drop a logging. There is no ill will meant by
 what we do and if you think its imperative a logging appear no matter what, mark it in
 some way so it will stand out!! I must mentally prepare this column before I start typing
 so Im never sure how much room will be needed...Muff said!!
- Welcome this month to members of the South African DX Club, in whose bulletin this column
 will appear from time to time as space permits
- In addition to the ANARC-BBS, another BBS is now on line, on the east coast, and looks
 good. It's the Old Dominion DX Club BBS. The number is (804)851-0030. The ODDXC BBS is
 in addition to the other fine S/WL BBS' such as UBIX/ANARC/and others which I am sure I've
 missed.
- Until next month, take care and keep listening!! 73's & CUN 3011

Mibe



LOG REPORTS

section B

4900 to 6199 kHz

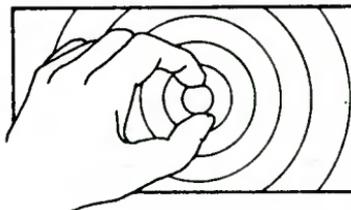
Editor: Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173

- 4900 UNID. FR stn at 2320-2400* on 2-6, assorted talks, instr.mx to 2358 s/off anmt, then NA. ID sounded like Guinea, maybe Conakry wandering from 4910? (Wilkins-CO).
- 4904 CHAD N'djamena at 0547-0601 1-4, lots of FR mx, long FR talks, no ID, fair (Brann).
- 4905 BRAZIL R. Araguaia, Braz.mx 0911 1-25, man DJ, IDs, ads, TC, canned ID, fair (Dillon-MD).
- 4910 HONDURAS LV de la Mosquitia is back. SP relig.prgms 0115 2-7, local off-key choir, fair sig but 4911 QRM (Wilkins-CO); LA pops 0222 1-31, hillbilly mx, US pops, ID 0229, relig.talk 0235, mostly pretty good but some RTTY QRM; not GR.Colombia (Dickson).
- 4910 ZAMBIA Lusaka, 0355-0430 1-7, lang talk, choir, pips, NA, IDs, nx (Paskiewicz).
- 4915 BRAZIL R. Anhanguera, C&w-flavored Braz.mx, anmts, TCs, LA nx, ID 0233 with fqy, address etc, 1-10, strong, some weather QRM (Dickson).
- 4915 GHANA Accra, vernac.singing at 2230 1-17, ID by gal at 2245, TC, into nx, good signal (Robinson-TN); tent. them at 2223-2300 on 1-2, rapid vernac.talks, Afro mx, definite mentions of Ghana, possible IDs 2230, 2240, but poor signal (Jordan).
- 4920 ECUADOR R. Quito, EZL mx 0020 on 2-2, LA mx, big bands, ID arnd 0030, almost local quality (Dickson); SP mx, ID, ads, 0328-0339 on 1-1 (Purdue-MN); lively LA mx 0337-0401, singing ads, man DJ, banco ad, TC, ID as "LV de la capital," fair on 1-19 (Dillon-MD).
- 4920 PERU R. Central, Bellavista, hrd 1-12 when R. Quito was off, 0236-0405 tune-out, alt. short talks and LA mx, IDs at 0342 and 0345 (Tuchscherer-WI).
- 4930 HAITI 4VEH, 2250-2300 in SP, tuneful medley, man talking, ID, good sig 1-27 (Bob-MN); FR nx at 2305-2315 1-19, weak, QRM, no ID, female vocalist at 2315 (Sparreboom); swingin relig.mx at 0010 on 1-3, EG talk abt US denominations, ID 0028, good signal (Dickson); in FR at 12102-1217 on 1-18, ID with echo effect, natl and world nx read by man, TC, ID with trumpets, fair sig (Dillon-MD); FR relig.prgm at 1211 on 1-19, choir mx, ID at 1225, faded out by 1250; fair with het (Vance-CO).
- 4932 INDONESIA RRI-Surakarta, SCI 1459 1-27, presumed nx, getting weak, hr past sunrise
- 4935 BRAZIL R. Journal "A Critica," 0904 1-15, nx by man, IDs 0907, 0910, (Wilkins-CO). mx from 0910; slight het (Tuchscherer-WI).
- 4935 PERU R. Tropical, Inca Cola ad 0200 1-12, local mx, TCs, anmts, some QRM (Dickson).
- 4940 VENEZUELA R. Yaracuy, ID at 1030 on 1-19, exc mx, romantic ballads de la corazon (Robinson-TN); 2307-2322 1-6, LA and EG pops, then many ads, SP talks, fair sig (Brann).
- 4950.5 PERU Tent. R. Madre de Dios, 0340 1-19, off abruptly 0353, all mx, no ID (Dickson).
- 4950 ANGOLA-? Tent. Angolan 0320-0402 on 1-4, talk, mx, many ments.of Angola, nx w/Reagan mentioned 0330, mx with some breaks in audio, some EG vocals, rock tunes, gone 0402. On 1-12, 0321-0357, nx, pop/rock, hrd "Angola, la voz de . ." but didn't sound like Verdade; disappeared mid-song 0354, carrier cut 3 minutes later. (D'Angelo-PA).
- 4951 CLANDESTINE R. 15 de Sept, 0405-0435 1-4, usual prgm, //5570 slightly better (D'Angelo-PA)
- 4960 ECUADOR R. Federacion, fairly strong 1-15 0026 with lecture, seemed to ment. "Shuar" (per TBS 13) (Jordan); tent. them 1120-1145 1-15, LA pops, man anncr, HC mentioned, but fast fading (Cobb-ME); talk 1132 1-6, ID 1215, poor, 1224 fade, Peking QRM (Vance-CO).
- 4975 COLOMBIA Ondas del Ortegaaza, 0020 1-27, SP and US pops, man anncr, full ID on the half hr, fair-good sig (Jordan); all LA songs 0109-0131 tune-out on 1-30, several IDs, slight het (Tuchscherer-WI); 1130 1-20, LA mx, TCs, 1200 ID, then faded, Torbes QRM (Dillon-MD).
- 4975 PERU R. del Pacifico, 0210 1-22, clas.mx, clear ID 0256, nx, improving (Dickson).
- 4980 VENEZUELA Ecos del Torbes, SP "World Today" 0200 1-23, lively mx, TCs, nx bltn, very good quality sig (Dickson); 0330-0404* 1-20, nx, man giving fqy, times, ID 0358, then NA (Sparreboom); fast-talking anncr 1234 1-18, TC, ID by man, faded 1245, poor (Dillon-MD).
- 4985 BRAZIL R. Br.Central, 0745-0800 on 1-28, talk by man, mx, ID on the hr, fair sig (Bob-MN); tent. them 0330-0400 1-20, EZL mx, gal vocalist, F-G sig, fqy and time 0400 but did not catch an ID (Sparreboom).
- 4990 ECUADOR R. Baha'i, all flute mx at 0437 1-29, ID, NA to 0458* (Tuchscherer-WI).
- 4990 NIGERIA Lagos, 2230-2307* 1-19, pops, ID, relig.fable, nx 2300, close 2307* (Cobb-ME).
- 4991 PERU R. Ancash, nx 0230 1-14, TCs, promos, good signal using USB, mx 0300, ID (Dickson).
- 4996 PERU R. Andina, CA mx 0347 1-11, ID, talk, more mx, drifting toward WWV, poor (D'Angelo-PA).
- 5000 ITALY IBF, Turin, EG 0700 1-18 under WWV, EG ID hrd clearly, almost equal to PA) signal from WWV; "IBF, IBF, IBF, stnd fqy and time sigs from the Natl Electrotech Inst, Italy" (Cobb-ME).
- 5010 CAMEROON Garoua, Afr mx 2224 1-19, man talking with group of gals 2233, back to singing 2300, Koran recitation, NA to 2313*, poor signal (Dillon-MD).
- 5010 PERU R. Eco widely heard. 0150 on 1-10, lively LA mx, unmistakable ID 0154, several others, strong sig, best on the band (Dickson); Banco Central, Inca Cola ads 0218, ID at 0227, "Noche de Estrella" was prgm name, all rock mx, 2 or 3 mx cuts and then an ad string (Palmer-WA); 0220 1-24, big band LA mx, ID 0224, good sig (Dickson agn); 0315-0355 on 1-14, rapid fire talking, one loud "R. Eco," fair repn, no sign of the YV (Cobb-ME);

- 0327 on 1-21, SP mx, TC, talk, ments. of Iquitos, 0406* after anmt and NA, poor with some QRN (Vance-CO); 0955-1000 2-1, IDE, talk, fair signal (Bobb-MN); 1106-1125, gal with possible nx, ads, flute mx, stn promo with ID 1118, 1125 fade, poor (Dillon-MD).
- 5015 ECUADOR Ec.Rdfon.Populares, 0235 1-23, talk, LA mx, prgm sked and address, ID 0242, good sig, slight QRN (Dickson); nice mx to 0250 anmts, NA, 0255* 1-31 (D'Angelo-PA); 1050-1105 1-25, M&W with "Escuelas Presente," solemn mx, F-G with het (Bobb-MN).
- 5015 PERU R. Moyobamba, nice flute mx 0111 1-19, ID 0130, het, poor-vy poor (Jordan).
- 5020 ALBANIA Tent. Gjirokaster, 0410-0505 1-19, folk mx straight through, no talk hence no ID; fair (Dillon-MD); 2-2, clas.mx to 2155, talk, mx, 2159* (JB).
- 5020 NIGER Niamey, tribal mx 2153 1-18, pips 2200, ID, talk, mx, hi-life, rock, later had ID, anmts, NA to 2303* (D'Angelo-PA); Koran at 0530 on 1-3, short selections of tribal mx to 0600 pips and ID, FR ID, into nx, fair sig (Wilkins-CO).
- 5025 CUBA R. Rebelde, lively mx 0308 1-20, gal with ID 0327 (Sparreboom); 0403 on 1-4, nice mix of mx, "Rebelde" IDE, geo noise really bad (Palmer-WA). And they're now QSLing (JB).
- 5030 PERU R. Los Andes, 0020-0050 on 1-28, SP man with varied dinner-type mx prgm, TCs, ID, fair signal (Bobb-MN); big ID and promo at 0116 1-19, then pops, some talking, fair signal (Jordan); clear ID 0145 on 1-20, lively LA pop mx, very good signal (Dickson); in SP at 0140-0215 on 1-15, gal with musica romantica, TC, ID, by man, anmts or ads, nice complete ID by man at 0205 (Sharpe-CA); ID at 1031 on 1-20, list of names, OA mx, rooster crowing, stn promo at 1100 (Dillon-MD).
- 5035 BRAZIL Tentatively R. Educ. Rural, 0840-0855 on 1-26, PT talking by a man, mx, sound effects, poor signal (Bobb-MN).
- 5039 ECUADOR LV del Upano also being widely hrd. 0050 on 2-7 with educ.prgm, "El Maestro en Casa," TC at 0100, ID with mb (Wilkins-CO); 0108-0237* on 1-15, good sig but poor overall, mostly talk interspersed with HC mx, one prgm sounded like grammar lesson, another a nx summary in simplified SP, HC NA at 0228, another anthem at 0230, then very long ID segment 0233, call ltrs, address, then SF "Song of Joy" to s/off (Palmer-WA); clas.mx 0130 1-20, full ID 0131, 0200, s/off anmt 0207, 0211* (Vance-CO); mx, ID, NA to 0147* on 1-6 (Bobb-MN); 0215-0238 1-15, HC mx, relig.talk, full ID before s/off (Sharpe-CA); nx 0231 1-24, relig.talk, almost local quality, ID 0239 (Dickson).
- 5045 BRAZIL R. Cultura do Para, variety of mx 0030 1-22, folk mx, ID in both PT and EG, requested ltrs, loud and clear (Dickson); rock and pop mx 0210 1-20, man DJ, ID at 0230, then brief anmt by gal, fair signal (Dillon-MD); 0250-0300* on 1-3, Br.instr.mx, ID and closing anmts by man, fair rcprn (Cobb-ME).
- 5050 COLOMBIA LV de Yopal, romantic mx at 0035 1-12, TC, NA to 0101* (Schulze).
- 5055 ECUADOR R. Catalica Nacional, soft instr.mx at 2336 1-28, ID, TC, more instrumentals, fair sig (D'Angelo-PA); radio play at 0045 1-20, EZL mx, relig.talk at 0100, rosary, flutes, ID, NA to 0210*, poor amid ute and TIFC QRN (Dillon-MD).
- 5055 FR.GUIANA Cayenne, *0859 1-26, IS, NA, talk by M&W and mx, poor signal (Bobb-MN).
- 5095 COLOMBIA R. Sutatensa, ID 0027 1-20, nx, LA mx, strong CW QRN (Dillon-MD); instr.mx 0315, good sig, ID at 0320 1-20 (Sparreboom); ID 0348, Coke ad 1-1 (Purdue-MN).
- 5199 PERU R. Imagen, 0050 on 1-12 with assorted talks, mx, siren and screaming man at 0130, then more LA mx (Wilkins-CO); all LA mx at 0240 on 1-14, ID 0257, tuned out soon thereafter (Tuchscherer-WI); lively mx 0300 on 1-28, TCs, anmts, quasi-rock, reggae, several IDs arnd 0310, really booming in on a very good OA night (Dickson); 0402 on 2-2 with pop mx, local vocals, IDs at 0407 (Paskiewicz).
- 5274 PERU R. San Juan de Chota, 0000-0020 on 1-19, talk by man, EG "Happy Birthday," ID, folklorica mx, good sig but RTTY on low side (Alexander-PA); great prgm of Andean flute mx at 0016 on 1-12, s/off arnd 0130 per re-checks (Wilkins-CO); hrd 0150-0230 on 1-1, lively OA mx, TCs, numerous IDs in many varieties, pretty strong sig (Dickson).
- 5661 PERU Tent. LV de Cutervo, prgm of march mx at 0031 on 1-13, gal anncr with several atenciones, but poor sig and couldn't catch ID (Wilkins-CO).
- 5802 PERU R. Frecuencia, San Ignacio, OA songs at 0344 on 1-10, ID and closing anmts to 0355*, hrd next night from 0255 (Tuchscherer-WI).
- 5900 USSR R. Afghanistan via USSR xmtr, vernacs.at 1810, GM 1850, EG nx 1910, //6020(Schulze)
- 5905 BELGIUM BRT hrd in EG 1910-1925, "Brussels Calling," nx and mx, fair 1-13 (Cobb-ME).
- 5904.5 PAKISTAN Islamnad 0131 1-19, gal, maybe Urdu, unusable by 0140, Sov QRN (Palmer-WA).
- 5905 USSR R. Kiev prgm, EG 0030 1-3, good sig, some QRN (Dickson); talks, ID, good signal 0047-0100 on 1-15 (Purdue); listed as Simferopol, 0140-0202 1-19, M5 filler for Sov citizens abroad, into RM SP at 0200, //5915 from 0200 (Palmer-WA).
- 5910 BELGIUM BRT, EG to 0125* 1-10, talk, good sig using narrow filter (Dickson).
- 5915 USSR RM EG 0011-0020 on 1-1, talk abt New Years (Purdue-MN); 0204 on 1-19, in SP to LA, Simferopol listed, fair sig, //5905 from 0200 but 5915 in SP before then (Palmer-WA).
- 5930 CZECHOSLAVAKIA Prague, EG 0100-0128 on 1-15, nx, mx, youth mag, fair-good (Brann).
- 5940 USSR Magadan listed, Mayak prgm in RS 1250-1306 1-18, muzak, RM IS, pips, ID, nx(Dillon)
- 5955 BRAZIL R. Gazeta, 0858-0906 1-29, ID by man, talk, all PT (Bobb-MN). MD
- 5955 COLOMBIA LV de los Centauros, sports in progress at 0302 on 1-29, very excited anncr, //4945, Caracol network coverage. Id 0333, ID, more Caracol feed (D'Angelo-PA).
- 5960 CANADA RCI, EG nx 0000-0009 1-29, shuttle coverage, good signal (Brann).
- 5965 CANADA BBC WS relay to 1330* 1-18, plea for Aden Brits to contact Br.repr (Dillon-MD).
- 5965 MALAYSIA Kuala Lumpur, Malay to 1600, pops, nx, wx, ID, Koran rdng, 1-27 (Sharpe-CA).
- 5970 BRAZIL R. Itatiaia, 0912-0929 tune-out 1-15, presumed nx, several IDs (Tuchscherer-WI).

- 5970 JAPAN Tent. NHX, 0954-1004 JP-PT, seagulls, native vocals, into Pt 1000, poor 2-2 (Bobb-
 5975 ANTIGUA BBC relay, big sig here 0625 1-16 instead of 6175, trying this at MN).
 0430-0730 for two wks in order to avoid RFI QRM on 6175, per armt 0430 1-29 (Palmer-WA).
- 5979 PERU R. Programas, nx with two readers 1018 1-15, ID 1020, to 1033 tune-out (Tuchscherer).
- 5995 AUSTRALIA RA, Austr nx, talk abt water conservation, 1330 on 1-18 (Dillon-MD).
- 5995 USA VOA-Greenville, nx 0009 1-29, newslines, shuttle coverage, good sig (Brann).
- 6000 USSR RM, EC 0240 on 1-12, nx (Dickson); 1-19 at 1100, nx by gal, exc sig (Robinson-TN);
 6005 COSTA RICA CFCX, pops, wx, TC, ads, world nx 1401 1-18 (Dillon-MD). Cuba? JB.
- 6006 COSTA RICA R. Reioj, 1206 on 1-20 with ID, two men with nx, TC, gong, QRM (Dillon-MD).
- 6015 NICARAGUA LV de Nicaragua, EG nx 0145 on 2-2, exc sig, and 0335 1-3 in SP with varied
 mx styles, "Aqui Nicaragua" 0400, local quality signal (Dickson); in SP at 1135-1155 on
 1-14, M&W annrs with talks and mellow mx, many IDs, exc rcptn (Cobb-ME).
- 6015 VATICAN Vatican Radio, EC relig. story at 0052-0100 1-12, Nicaragua QRM (Purdue-MN).
- 6020 HOLLAND RN, EG 0134-0224* 1-20, talk abt Quito trip, mail, vly strong (Witsig).
- 6020 USA VOA-Greenville, PT 0435-0445 1-4, nx to WAfr, aked says *0430 D85 (Palmer-WA).
- 6025 BOLIVIA R. Illimani, 0225-0235 on 1-12, LA pops and light rock, man annrc, ad string
 and PSAs at 0228, clear ID 0229, lots of QRM but Illimani easily dominant (Palmer-WA);
 lively LA mx 0245 on 1-1, pops, promo, IDs 0253, 0328, strong sig (Dickson).
- 6025 HUNGARY Budapest, vly good 0200 on 1-18, EG, Hungarian songs (Robinson-TN).
- 6030 BRAZIL R. Globo, man with talk about media 0828 on 1-25, ads, canned ID for video
 cassettes, TC, romantic song; fair sig (Dillon-MD).
- 6030 BRAZIL R. Universo, 0825-0845 1-28, talk, ads, TC, some mx, fair (Bobb-MN).
- 6030 CANADA CFVP, Calgary, 2154 1-11, "AM 106" IDs, TC, ad for furniture store, cars, wx
 report, pop and rock mx between the ads, often hrd here in afternoons (Palmer-WA).
- 6035 LIBERIA VOA relay, 0502 1-4 with nx, "Saturday Morning," good sig (Brann).
- 6035 VATICAN Vatican Radio, NF for SP, hrd 0225-0240* 1-20, singing, IS at close (Tuchscherer).
- 6040 E.GERMANY RFI, 0214 on 1-12, SP nx, cmtry, ID, SP clas. mx, low key talks (Palmer-WA).
- 6040 W.GERMANY DW, in EC 0113-0134 on 1-20, reading of ltrs, regional GH mx, strong (Witsig).
- 6045 COLOMBIA R. Melodia reactivated, 0404 1-17 with nx, IDs 0423 (Tuchscherer-WI).
- 6050 IRAQ Baghdad, AR nx, talk at 0000 on 2-2, fair sig, //9635 (Zilmer).
- 6050 NIGERIA Ibadan, EG nx 2300, 2305*, fair sig on 2-1 (Zilmer).
- 6050 USSR RM WS, Khabarovsk listed, good 1555 1-9, all EG, "The Way We See It," fqy armt
 1558, nx at 1600 (Palmer-WA).
- 6055 SPAIN Madrid, EG nx at 0100 on 1-29, local mx, good sig, fair overall (Zilmer); travel
 prgm in EG 0110 on 2-4, SP folk mx, IDs, R. Prague underneath, //9630 (Cobb-ME).
- 6060 AUSTRALIA RA, 1700-1715, nx, good signal on 1-19 (Sparreboom).
- 6070 BULGARIA Sofia, EG cmtry on excavations, 2303 on 1-11, visitors comments (Levison)..
- 6070 CANADA CFPR, hrd 0006 1-1 with ads, wx, fur ad (Purdue-MN).
- 6075 HONDURAS LV del Junco, enthusiastic LA mx at 0350 on 1-1, yelling, TCs by man, exc
 sig but starting to deteriorate arnd 0425; also hrd on 1-25 at 0345, EZL LA mx,
 sentimental numbers, complete ID 0401, address, fqy, MA before 0408* (Dickson).
- 6090 ARGENTINA Tent. RAE on 1-6, seeming nx 0025, ments. of Argentina and other LA countries,
 gal annrc and possible ID at 0030, 0040, but poor-very poor (Jordan). Belgrano? JB.
- 6100 CUBA Havana in EG at 0235 on 2-1, talk, big band mx, ice cream, exc sig (Dickson).
- 6115 COLOMBIA LV del Llano, LA mx at 0410 on 1-25, armts, TCs, ID 0423, strong (Dickson).
- 6116 COLOMBIA Tent. R. Super, Bogota, fair 0650 1-12, mostly upbeat mx, few ballads, one by
 Mexican "Trio Los Panchos," several Super-Bogota IDs, TC 0731. Relay by usual Cali? (Do
 you mean Llano? JB). (Palmer-WA).
- 6115 MEXICO R. Universidad de Sonora, 2244 on 1-25, poor sig, all SP talk, marimba, mariachi,
 Mexican ballads, ID 2245 by gal, then armt, same ID by man, talks, another ID 2253,
 clas. mx; a real surprise, seldom hrd (Palmer-WA).
- 6120 CANADA BBC WS relay, ID in EG 0200, nx, Br. Press Review, very good sig (Dillon-MD).
- 6120 CYPRUS BBC, AR and EG at 1842 1-12, mx, all armts in AR (Levison).
- 6120 ANTIGUA DW, EG to NAM 0515 on 1-4, very good sig, press review, economics, mx 0523,
 nx on combatting drugs, "TGIF" feature at 0530 (Palmer-WA).
- 6129 PAKISTAN Not sure of site, EG nx 1302, hrd to 1350* (Schulze).
- 6130 USSR Irkutsk listed, Mayak prgm at 0525 on 1-9, orchestra mx, IS 0529, nx update, the
 usual; also hrd 1831 on 1-4, nx, variety show, jokes, mx, //7200 (Vladivostok) (Palmer-WA).
- 6160 CANADA CKZZ-Vancouver, good sig in EG 1630-1700, nx, 1-18 (Sparreboom).
- 6160 COSTA RICA R. Impacto, hrd 0449 on 1-2, SP, mx, TCs, IDs between songs, very good sig
 (Vance-OO); fairly weak at 0457 on 1-20 but quite audible, LA pops and ballads, full
 ID, armt, promo (Jordan).
- 6160 USSR RM, in SP at 0122 on 1-27, vocal mx, ID (Purdue-MN).
- 6165 NETH. ANTILLES RN-Bonaire, "Newslines" and RNMN at 0242 on 1-3, good signal (Brann);
 EG 0229 on 1-7, IS, ID, world nx, "Newslines," fair on //9590, hvy QRM here (Dillon-MD).
- 6175 ANTIGUA BBC relay, 0157 on 1-10, "Letterbox," ID, TC, world nx, press rvw, good (Dillon).
- 6185 USA WRNO-New Orleans, 0554 on 1-12, RS program, thought USSR at first; ID in both RS
 and EG at 0604, IDed for WRNO Worldwide, continued in RS, mostly hymns (Palmer-WA).
- 6189 PERU R. Oriente, hrd at 1004 on 1-15, MA, ID, nx bltns by M&W, mx hrd from 1010, tuned
 out at 1012 (Tuchscherer-WI).

+++ Closing deadline had to be moved up a little this mo by distrib editor, so any Feb
 items rcvd arnd the 12th will be held over till next month. Usual tnx to the faithful. 73-



LOG REPORT

section C

6200 to 11699 kHz

Editor: Peter Drizhal, P.O. Box 663, Oxon Hill, MD 20745

ON THE WAVE:

Wrote John Henault: "Due to vacation plans, had to close Column out as of 9 Feb. 86." I suppose this accounts for the major drop-off in loggings this month... I noticed a few "regulars" missing from this month's packet. Here are two pages worth of loggings, anyway...

- 6230 ECUADOR HCJB 0240-0248 EG, DX Party Line (Purdue-MN 1/7)
0424-0430 EG, rel.pgm, fol'd by "Mx in the Night"
(Sparreboom 1/20) 0630-0650 EG, DX Party Line (Cobb-ME 12/15)
- 6230 CLAND. R.Monimbo 1329-1400 SP, tx on El Salvd. (Gerardi 1/19)
- 6280 LEBANON VoHope 0710-0738 EG, ID, rel.pgm;hvy QRM (Gerardi 1/2)
- 6933 CHINA R.Bei 2123 SP, mx selections (Levison 1/13)
- 7010 PERU R.Frecuencia 7 0318-0341 SP, EZL LAM mx, ID at 0328;
lost to RTTY at 0341 (Tuchscherer 1/8)
- 7105 PHILIPPINES VoA 2317-2330* INDO, tx & mx (Palmer-WA 1/25)
- 7115 USSR RM 0058 EG, US mx, cmtry, nx //7150,7215 (Smith-MO 1/26)
- 7120 ALBANIA RT 0230-0257* Usual diatribe against the "plotting" of
the USSR & the US (Witzig 1/20) 0230- EG, tx o/US econ crisis,
unemployment in FRG, USA, Brit. (Dickson 1/21)
- 7120 AUSTRALIA RA 1356, CH programming, IS, ID (Schulze-"regular
here" ... In what part of West Germany is the city of
"regular here", Rolan?--ed.["regular here" too])
- 7125 TUNISIA RTT 2157-2210 AR, Mid.E.mx (Tuchscherer 1/29)
- 7150 USSR RM 0225 EG, Soviet jazz, political tx (Dickson 1/6)
- 7170 USSR RM 1131-1205 CH, tx,pops & some CH vocals (Dillon-MD 1/12)
- 7183 USA WA3NAN (LSB) //14297 (USB) 1400- EG, Voice communication
Betw. Goddard Space Center and Challenger shuttle on this
tragic launch (Zilmer 1/28)
- 7195 LIBERIA VoA-Monrovia 2250-2300* EG, Afr.vocals, Afr. Headline
Review, s/off ann & ID; sio 333 (Cobb-ME 2/2)
- 7200 USSR M2 (Mayak) 1841-1845 RS, variety show (Palmer-WA 1/4)
- 7280 USSR RM 0250-0300 SP, LAM nx, EZL.orch.mx (Dickson 1/21)
- 7345 CZECHOSLOVAKIA Rpg 0300- EG, nx, USSR disarmament proposals,
also tx of Yemen, Lybia, Nicaragua; local quality (Dickson 1/21)
- 7400nf USA R.Earth (via WHRI) 0310 EG, re-bdcast o/Swiss SW Merry-go-
Round & R.Monitors Int'l (Alexander-PA 1/26) 0335-0400 EG,
Mailbag fol'd by Carib. mx, sio 353 (D'Angelo-PA 1/10)
- 7410 ISRAEL KI 0113 EG, nx,cmtry,gardening px (Smith-MO 1/26)
- 7418 USA-PIRATE WAKA 0320-0336* (ab't s/off) EG, rk mx (Jones 1/2)
- 7470 CLAND. R. Caiman 0220-0240 SP, Upbeat SP & US pops, ID, sched's
(Jordan 1/26) Hit Parade, no //9960 (Paszkievicz 1/11)
- 7550 S.KOREA RK 2237 EG, nx,cmtry;2240 into KR? (Paszkievicz 1/20)
- 8515 PERU R.Amistad 0245-0300 SP, tnx to M. Anger phone call; vy wk
w/ID 0247, Andean mx, tx; CW QRM (Alexander-PA 1/28)
- 9360 SPAIN REE 0114-0116 SP, tx. This freq. has been registered to
REE &/or its predecessors as long as I can remember, & I began
SWling in 1949 (Palmer-WA 1/19)
- 9385 ISRAEL Reshet Bet-Home Svc 2105-2134 HBR, mx ftrs, KOL.I ID,
long tx, sio 333, //7465(sio 252) (D'Angelo-PA 1/5)
- 9435 ISRAEL KI 2230-2250 EG, nx, Kissing int'vw;g (Sparrenboom 1/19)
- 9465 PAKISTAN R.Pak. 1705 EG, nx,loc.mx,voc's, //11635 (Zilmer 1/21)
- 9490 USSR RM 1229-1305 RS, YL & OM w/tx at Sports event, pop mx,
w/opera following after 1300 TP's;weak (Dillon-MD 1/20)
- 9500 ALBANIA RT 1400 EG, nx,cmtry,mx;333 (Zilmer 1/28)
- 9510 NORWAY RNI 1400 EG, Norway Today, nx & views, //9530,15310,
sio 333 (Zilmer 2/2)
- 9510 SEYCHELLES FEBA 1830 lang?, IS,ID,s/off (Schulze-FRG 1/9)
- 9515 CANADA BBC 1515 EG, Sat.Special, soccer scores (Brann 1/4)

9525 NORWAY RNI 2057-2105 NR, EG ID, then nx (Palmer-WA 1/12)

9530 ENGLAND BBC 1614-1717, hrd RMN to 1630, BLG to 1715, and Serbo-Croat past 1715. By that time I had hrd enough E.Euro lang's and tuned out; sinpo 44444 (Palmer-WA 1/13)

9530 SAUDI AR. BSKSA 2020-2100 AR, wld nx, ID, Qur'an px w/recit, co-channel QRM deVoA (Dillon-MD 1/20)

9530 GREECE VoA 2005-2017 RS, tx, ID; jamming (Palmer-WA 1/12)

9535 SWITZERLAND SRI 1715-1730 GM, fq in EG, fol'd by M in GM, //9590,9885;f-g (Sparreboom 1/19) 1750-1830 AR, OM into tx's: Iran, Iraq, etc; 1755, mid.E instr.mx (Jordan 1/20)

9540 MADAGASCAR R.Neth. 2120-2128* EG, "Happy Strn" (Palmer-WA 1/12)

9570 GABON R.Japan rel. *0355-0407 RS, ID & nx (D'Angelo-PA 1/20)

9577 MALTA R.Mediterranean Int'l 1745 FR & AR, int'l mx, FR ID, nx in AR at 1800 (Schulze-FRG 1/17)

9580 AUSTRALIA RA 0856 EG, nx, then into Ausie rock-n-roll (Witzig 1/3) 1532 EG, Closer to Home, mx,nx;g (Brann 1/14)

9605 JAPAN NHK R. Japan 1700 EG, nx,cmt, Japan Scene (Zilmer 2/5)

9618 MOZAMBIQUE R.Maputo Mozm. 1850 EG,mx,nx,ID,fq (Vadino-WA 1/1)

9625 CANADA CBCNQS 1815-1910 EG, "Simply Folk," into FR w/wld nx at 1900, //11720 (Dillon-MD 1/18)

9630 IRAQ R.Bagh. 1650-1701 AR, AR mx;f-p; //9745 (Purdue-MN 1/5) 1755-1810 AR?, txs,chants (Jordan 1/14) 1805-1815 AR, tx abt Iran, QRM Canada 9625 (Dillon-MD 1/18)

9665 MALAYSIA R.Mal. 1530 EG, nx, Western style mx (Zilmer 1/28)

9665 SAIPAN KYOI 1614 EG, US pops (Klein 1/22) 1630-1640 JP, ID, rock mx, fair signal (Purdue-MN 1/5)

9670 MONTE CARLO TWR 1528 TRK, EG ID, then TK pgmg (Zilmer 1/26)

9670 PHILIPPINES FEBC 1415 EG, You And Your Health (Zilmer 1/30)

9675 NORWAY RNI 1500 NR, tx & mx, //15310; sio 222 (Zilmer 1/25)

9680 PORTUGAL R.Renascena 1838-1850 PT, ID,mx;QRN (Sparreboom 1/19)

9690 ROMANIA R.Buch. 1500 EG, fq sched, nx;222 (Zilmer 1/26) 1836 FR?, mx-tx-mx-tx-mx (These qualify you for "Details of the Month", Harold.--ed.) (Levison 1/12)

9695 KAMPUCHEA VOPK 0000 EG, nx & cmt to 0015, then lang (Zilmer 1/12)

9700 USA AFRTS 1602-1616 EG, AP,UPI,NBC & CBS nx;g (Brann 1/14)

9720 SRI LANKA SLBC 0125 EG, 0131 "Back to the Bible" (Vadino-WA 1/2) 1501-1516 EG, nx, rock mx (D'Angelo-PA 1/12)

9725 AUSTRIA AR 1845-1855 EG, Halleys tx, Sports;1900 GM (Cobb-ME 1/20)

9725 SWITZERLAND SRI 0210-0230 EG, feature pgmg (Dickson 1/13)

9745 PORTUGAL Rprt 2216-2220 PT, OM w/sports event (Palmer-WA 1/22)

9745 USA WHRI 0200 EG, ID & adr at hour, mx px (Jones 1/13)

9755 USSR RMWS 1305-1320 EG, wld & Soviet nx (Dillon-MD 1/20)

9780 YEMEN AR.REP. R.San'a 1900-1945 AR, tx, mid.E.mx, 1930 ID (Tuchschereher 1/26) 2020-2101 AR, AR mx w/OM vlc (Dillon-MD 1/19)

9800 FRANCE RFI 0420-0430 EG, FR & wld nx and cmtry on "KaDAFFYS" antics, IDs, sports, into FR 0430; fr (Cobb-ME 1/3)

9805 EGYPT R.Cairo 2120-2130 EG, EGY nx & cmtry;EGY mx (Purdue-MN 1/18)

9820 CHINA R.Bei. 2345-2400 lang, nx?, CH mx; exc sig (Sparreboom 1/18) 0002-0025 EG, nx & CH nx, features;g (Brann 1/21) 0131-0139 CH, tx to 0138 then CH mx (Palmer-WA 1/23)

9825 UNITED KINGDOM BBC 1815-1900 AR, tx ment of: Israel, PLO, Iraq, Iran, Syria, etc, IDs, IS (Jordan 1/14)

9852.4 USA VoF.CH 2129-2136 EG, (maybe xmtd fm Taiwan directly?) OM w/episode in CH history (Palmer-WA 1/1)

9870 SAUDI ARABIA BSKSA 1703-1802 AR, ID, int'vw, AR mx (Dillon-MD 1/18)

9880 BELGIUM BRT 0838-0856* EG, "Brussel's Calling"; wld econ nx, music; into Dutch lng at 0855 (Witzig 1/3)

9885 SWITZERLAND 0310-0330* IT, IT pops; //9625 (Cobb-ME 2/3)

9905 QATAR QSB 1820-1840 AR, M w/tx, mid.E.vocals by M w/string instr.back-up, AR instr mx also;sio 232/222 (Jordan 1/26)

9910 INDIA AIR 2311 EG, tx: Asia's lrgst telescope (Vadino-WA 1/12)

9940 CLAND. LV del CID 0139-0143* SP, anti-Castro tx (Palmer-WA 1/23)

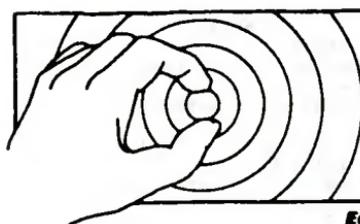
9955 TAIWAN VoFC 2225-2250 EG, story, adr, Mailbag Time, mx, CH lang course (Paszkiwicz 1/19)

11634v CLAND. LV del CID 1745-1800 SP, //9940, tx, male vocalist & ballads; lively anmts; comedy complete w/canned laffs (Jordan 1/14)

11635 PAKISTAN RPK 1705 EG, nx,cmt, local mx & vocals (Zilmer 1/21)

11645 GREECE VoG 1804-1811 GK, nx items & other tx. Despite the spellings in both RDI and WRTH, I hear the ID as "Til Fonikis Helladas." Would someone set me straight on this ID? ("Hellas" means "Greece",and "Fonikis" sounds close to the German equiv. "Funksender" i.e. roughly "signal transmitter"... Okay, now watch everyone rush to correct me after such a CONVincing [and academic] explanation.--ed.)

Till next, pmd.



LOG REPORT

section D

1700 and above

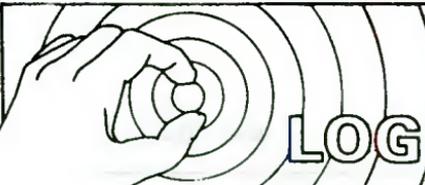
Editor: Wallace C. Treibel, 367 N.E. 149 St., Seattle, WA 98165

- 11700 DOMINICAN REPUBLIC R. Clarin in SP 2045-2116, Latin vocals, ID (D'Angelo PA 2/1)
- 11705 IRAC R. Baahdad in AR 1400, tlk, local mx, vocals, //7295 (Zilmer NM 2/1)
- 11710 ARGENTINA RAF in EG 0100, nx, mx, editorials, DX pgm, g (Brann MO 1/16)
- 11745 BRAZIL R. Bras in EG 0200, local mx, tlks (Purdue MN, Dickson OH, Witzig VA)
- 11761 COOK ISLAND RCI in EG/Maori 0720, US pops & local mx, TC's (Alexander PA 1/25)
- 11762 BRAZIL R. Nac. de Amazonia in PT 2338, ID, local pop mx, TC (Dillon MD 1/4)
- 11810 INDIA AIR in EG 1050, ID, local mx & mx of other countries (Schulze W.Ger. 1/12)
- 11815 NETHERLAND ANTILLES TWR in EG 1130, ID, nx, f-p (Bobb MN 1/25)
- 11825 SOCIETY IS. Tahiti in FR 0055, modern FR mx, ID, f (Bobb MN 1/2E)
- 11830 LIBERIA EDWA Monrovia in EG/FR 1555, IS, ID (Schulze W.Ger. 12/31)
- 11860 USFF R. Kiev in EG 0030, nx, Gorbachev speech, "Ukraine Today" (Brann MO 1/16)
- 11660 NORWAY RNI in NO/EG 1600, IS, ID, tlks, marches & other mx, f/g (Bobb MN 1/22)
- 11860 CHINA R. Beijing in EG 0303, nx, CH trad. mx, vocals, tlks (Jordan PA 1/22)
- 11905 USA KCBI Dallas in EG 1810, religious pgm, phone-in for locals (Palmer WA 1/13)
- 11960 ECUADOR HCJB Quito in CH 2210, oriental mx, tlks, ID in EG (Jordan PA 1/8)
- 11970 CHINA R. Beijing in EG 0000, nx, cmntry, CH lang. lesson, features (Turner 2/3)
- 11960 CHINA R. Beijing in EG 0300, mx, nx, cmntry, "China Scrapbook", mx (Sharpe CA)
- 12050 EGYPT K. Cairo in AR 1930, AR orch. mx, ID, time pips, nx, f (Dillon MD 1/4)
- 12095 UNITED KINGDOM BBC London in EG 1720, "Newsdesk", beam to Eur & N Af (Palmer WA)
- 13605 CZECHOSLOVAKIA R. Prague in AR/EG 1715, tlks w/fanfares, mx, IS, nx (Jordan PA)
- 13650 NORTH KOREA R. Pyongyang in EG 2325, anti-US propaanda, ID, mx (Jordan PA 1/14)
- 13700 NORTH KOREA R. Pyongyang in EG *0000, ID, anthem, nx re So.Korea (Sharpe CA 2/2)
- 13715 CZECHOSLOVAKIA R. Prague in EG *1530, pips, IS, ID, nx, cmntry, p (Jordan 1/6)
- 13770 NETHERLANDS RN in EG 1440, nx on terrorism & S. Af. violence, f (Purdue MN 1/1)
- 15070 UNITED KINGDOM BBC London in EG 1424, tlk on Brit. economy, f (Purdue MN 1/1)
- 15060 SAUDI ARABIA BSKSA in AR 1610-1700*, tlk, nx, TC, Islamic pgms (Dillon MD 1/18)
- 15084 IRAN VOIRI in Farsi 1442, tlks, martial mx interludes, ID 1502 (Dillon MD 1/18)
- 15106 EQUATORIAL GUINEA R. Bata in Lang 2140, non-stop AR mx, anrmts (Dickson OH 1/26)
- 15160 AUSTRALIA RA in EG 0435, nx, "Letters to the Editor", ID, f (Cobb ME 1/3)
- 15210 EGYPT R. Cairo in AR 1320, interview of child, choir mx, //12050 (Dillon 1/20)
- 15220 TURKEY TRT in TK 1450, slow mx, pips, ID, nx, tlks, vocals (Jordan PA 1/31)
- 15240 EAST GERMANY RBI in EG *1514, IS, ID, nx, cmntry, to SE Asia (Zilmer, D'Angelo)
- 15325 CANADA RCI in EG 2000, nx, "Canada Today", g (Brann MO 1/14)
- 15345 ARGENTINA R. Argentina in EG 2131, bio of famous Argen. actor (Witzig VA 1/7)
- 15375 SPAIN REF. in EG 1844, nx, ID, SP folk mx, tlk re cathedral (Palmer WA 1/14)
- 15395 AUSTRALIA RA in EG 2206, nx, International report, p (Brann MO 1/14)
- 15415 LIBYA R. Jamahiriyah in AR 1430-1615, excited speech, patriotic mx, ID, QRM from VOA, home service relay (Jordan PA 1/6, Dillon MD 1/19)
- 15420 JAPAN RJ in EG 0100, mx, "Japan Scenes", current affairs (Shrape CA 2/4)
- 15435 FRANCE RFI in SP 1355, tlks, ID 1300, nx, vocals, interviews (Jordan PA 2/2)
- 15505 KUWAIT RK in AR 1510, nx, ID, poetry, AR mx, call to prayer, g (Dillon MD 1/18)
- 15560 NETHERLANDS RN in DT 2026, IS, ID, tlks, f-p (Bobb MN 1/30)
- 15575 SOUTH KOREA RK in EG 0200, nx, cmntry, "Sights & Sounds", mx (Sharpe CA 2/2)
- 15630 GREECE VOG in EG 1540, nx, then into GK and s/off 1500, f (Zilmer NM 2/1)
- 17745 EGYPT V of the Arabs in AR 1336, song, ID, tlks re AR mx, pips, nx (Dillon 1/20)
- 17775 UNITED ARAB EMIRATES R. Dubai in EG 1334, nx, wx, "Mailbag", f (Dillon MD 1/12)

.....

In view of the limited number of loggings received this month, I have listed some reports that were included in last month's issue. Ordinarily, this is not done in view of space limitations. Thanks to all who sent in their loggings this month.

.....



FRENDX LOG REPORTERS

Distributing Editor: John F. Henault, 55 Lincoln St., Abington, MA 02351

FRENDX CONTRIBUTORS LIST ---- MARCH 1986 ISSUE ---- DEADLINE: 12th of MONTH

Brian ALEXANDER, Mechanicsburg, PA.(Rx=?); Norman BOBB, Minneapolis, MN., (R1000/R600); Dustin BRANN, Kansas City, MO., (ICF2002); Ralph BOWDEN, Mentone, CA.(FRG7700); Ken COBB, Portland, ME.(R71A/RF4900); Richard D'ANGELO, Wyomissing, PA.(R70); Richard DICKSON, Goshen, OH.(DX302/XCR30/FRG8800); Peter DILLON, Columbia, MD.(DX400); Tom GAVARAS, Minnetonka, MN.(R70); Brian JONES, San Antonio, TX.(R70); Rufus JORDAN, Pittsburgh, PA.(DX302/Zenith Transoceanic); Kevin J. KLEIN, Appleton, WI.(ICF2002/ICF4800); Harold LEVISON, Philadelphia, PA.(R70); Don MOMAN, Sherwood Pk, Alberta, CANADA(R71A); Robert PALMER, Spokane, WA.(R71A); Sheryl PASZKIEWICZ, Manitowoc, WI.(NRD515); Ronald PURDUE, Byron, MN.(DX300); Roland SCHULZE, Stuttgart, W.GER.(R4C/SPR4/R70); Bryan SHARPE, Castro Valley, CA.(DX302/DX400); Hans SPARREBOOM, Tofield, Alberta, CANADA(SP600/SX190); John TUCHSCHERER, Neenah, WI.(R70/FRG7700); Cathy TURNER, Yonkers, NY.(R2000); George VADINO, Bellevue, WA.(R71A); Robert VANCE, Colorado Springs, CO.(FRG-7/R390A); Eric WITZIG, Annandale, VA.(R1000); Robert ZILMER, Rio Rancho, NM.(R1000).

It is certain that some of the folks who contributed material for this months issue, will regretably find your names and loggings absent from this issue.

Unfortunately, I recently purchased a Motorhome and my Vacation Plans for our trip to the Daytona 500 Auto Race, conflicted with the normal deadline of this column, and I was forced to closeout my portion of this issue with the delivery of mail on Sat. FEB.9th.

Please, be assured, your contributions are greatly appreciated, and needed, however, family obligations here can not be ignored as all you married folks can understand. All materials that were received after Feb. 9th, will be saved and sent out to the editors for inclusion in the April Issue of FRENDX.

During the last two months, we have seen the addition of some new contributors, WELCOME ONE and ALL. It is especially nice to see 3 or 4 new CANADIAN Members added to this Column and NASWA on the whole. It is always nice to read what our members, residing outside the USA, are hearing and reporting. Please keep those loggings coming friends.

Until next month, at this same location but with a regular deadline, 73's.



RADIO WEST
3417 Purer Road
ESCONDIDO, CA 92025

Memo
LETTER

(619) 741-2891

!!NEWS RELEASE!!

"Radio West would like to say Happy 40th to the WORLD RADIO TV HANDBOOK!

For the entire year we will be selling the 1986 WRTH for \$16.99, with shipping and handling included. Order Yours NOW!!

From your friends at Radio West!"

P.O. Box 493 • Lake Geneva, WI 53147

THE BOOK

That belongs in every QSL collector's library!

SECRETS OF SUCCESSFUL QSL'ING

by

Gerry L. Dexter

The complete guide to reception reporting and QSL collecting, with foreword by Ian Mc Farland, Radio Canada International.

Expert QSL'er Gerry L. Dexter has packed 35 years of QSL'ing experience into more than 100 pages of valuable how-to information in SECRETS OF SUCCESSFUL QSL'ing.

This brand new book provides thorough coverage of all aspects of report writing and QSL collecting—from handling UTC vs. local time in foreign countries to reporting codes, foreign languages, developing the right mental attitude, using the post office, the tricks and techniques of follow-ups, tentatives, prepared cards, period reports, return postage, enclosures, specialized reporting, little known pull-out-the-stops techniques, record keeping, displaying your QSLs and much more! Plus a special chapter on QSL'ing hams, utilities, medium wave, FM and TV stations. Illustrated with rare QSLs.

SECRETS OF SUCCESSFUL QSL'ING is virtually guaranteed to improve your QSL returns. And there is no other book like it!

Priced at just \$9.95 plus \$1 shipping and handling, (\$2 s/h foreign orders). U.S. funds only, please.

Available now from:

Tiare Publications
P.O. Box 493
Lake Geneva, WI 53147
U.S.A.

Order your copy of SECRETS OF SUCCESSFUL QSL'ING today and you'll soon be on your way to more efficient and profitable QSL collecting!

CRB Research

P. O. Box 56
COMMACK, NEW YORK 11725

PRESS RELEASE

The roots of the current communications explosion grow deep into the past-- a past that is both fascinating and little known to all but a few intrepid historians who delve into the early days of wireless and radio. Tom Kneitel's new book **Radio Station Treasury (1900 to 1946)**, using faithfully reproduced rare archives, provides an in-depth view of wireless and radio stations as they evolved from the dawn of spark transmission, through the Golden Years of radio broadcasting, and right to 1946, the beginnings of the TV era.

Until **Radio Station Treasury**, there has never been a comprehensive directory chronicling these stations. A profusion of tens of thousands of frequencies, callsigns, slogans, schedules, licensee data, locations, power, etc. It covers (worldwide) AM and SW broadcasters, "utes," point/point, press, aviation, maritime, police, federal, military, experimental, longwave, early FM/TV, secret WWII propaganda stations and more!

This is a large (8½" by 11") reference sourcebook containing 176 pages packed cover-to-cover with a huge array of fascinating features and facts about stations in every nation and category, of every size and type. A totally unique guide like no directory ever compiled or published.

Research radio history in your own community or anywhere in the world. Check out your area broadcasters as they progressed through the various frequency-change upheavals over the years. Were there any TV stations in your area in 1931? How many FM broadcasters were in your tuning area in 1941? What were the callsigns of the TITANIC and the LUSITANIA? What were the callsigns issued to the first U.S. aircraft to get radio licenses (1922)? What 1926 broadcaster used the slogan, "We can't be quiet"? What 10 watt BCB station was in Montmagny (Quebec) in 1936? What was the St. Louis Police Dept. callsign/power/frequency in 1939? What was the callsign used by the U.S. Navy rigid airship USS LOS ANGELES? What longwave station was on 18 kHz in 1933? What was the schedule of the Nazi SWBC propaganda station on 15190 kHz in 1942? What frequencies were used by USN station NBA in Panama in 1919? What 7 broadcasters received broadcasting licenses prior to KDKA? The answers to these and many other questions can be found in **Radio Station Treasury (1900 to 1946)**.

There are also many ads for SWL receivers, antennas, and accessories available in the 1920's and 1930's. Other sections cover the history of callsigns and callbook directories over the years.

This exciting new book goes on sale 2 April 1986. Advance orders are being accepted with first copies (autographed by the author) going to those placing the first orders. **Radio Station Treasury (1900-1946)**, by Tom Kneitel, is available at \$12.95 per copy (plus \$1 postage to USA/Canada/APO/FPO) from CRB Research, P.O. Box 56, Commack NY 11725. (Canadian customers please submit payment by Postal Money Order made out in U.S. funds.)



NOTICE

The following information comes from Ravindranath G. Sewdien of the Suriname DX Club International. "The 2nd edition of our special publication "SDXCI STATION LIST" is now out. It lists 126 medium wave stations on 155 frequencies and 274 shortwave stations on 493 frequencies (total of 400 stations on 648 frequencies) including their addresses! The list is available for \$2.00 US from Steven H. Reinstein, 7753 Harbour Blvd., Miramar, FL 33023 U.S.A. or for 5 IRC's from Suriname DX Club International, Bechaniestraat 58 (P.O. Box 1966), Paramaribo, Suriname."

AP BID ITEMS: #659: Radio Jamahiriya (Libya) C-60 cassette tape "Rahiba" featuring the selection "Al Fatah". #660: Radio Jamahiriya C-60 cassette tape "Green Skies" featuring the selection "Arab Dawn". #661: Radio Jamahiriya C-60 cassette tape "Unity" featuring the selection "The Green Book". #662: Radio Jamahiriya C-60 cassette tape "Popolo" featuring the selection "Radici". #663: Radio Jamahiriya C-60 cassette tape "Jamahiriya" featuring the selection "Song of Freedom". #664: Radio Break (Italy) sticker (4x4") white, red. #665: CJXX station balloon, m/c-nice! #666: CPOX sticker (5"cir)/m/c-a real beauty! #667: Radio Forth (Scotland) station coaster (4x4") orange, B&W. #668: Voice of Vietnam paper pennant (3.5x6") m/c-very nice looking! #669: Radio Veronica (Dutch pirate) C-60 cassette tape of actual broadcast-studio quality. #670: WPLJ XL-poster of DJ with bathing beauties-very nice! #671: KPOI (Hawaii) 30 page rock magazine-very interesting! #672: KJNI (Hawaii) "Tiger" sticker (4x7") orange, B&W. #673: KKBG (Hawaii) sticker (3x7") m/c. #674: WPLJ XL-poster featuring DJ Carol Miller-good looking!! #675: ANARC Newsletter bulletins - more than 20 different. #676: VHF-UHF DIGEST bulletins, 1984 complete. #677: VHF-UHF DIGEST bulletins, 1975 complete. #678: VHF-UHF DIGEST bulletins, 1974 complete. #679: FRENDX bulletins, 1979 complete. #680: SPEEDX bulletins, 1980 complete. #681: WORLD DX CLUB bulletins, 1984 complete. #682: FRENDX bulletins, 1977 complete. #683: L'ONDE (Quebec) bulletins, 1980 complete. #684: L'ONDE bulletins, 1979 complete. #685: SWEDEN CALLING DXers bulletins, more than 50 different over several years!! #686: FRENDX bulletins, 1984 complete. #687: FRENDX bulletins, 1983 complete. #688: NFW Radio (Germany) sticker (4x6") m/c-beautiful! #689: ORF (Austria) sticker in German (5"cir) red, B&W. #690: Radio Italia (Italy) sticker (4"cir) m/c-nice! #691: Cleveland Area Cable TV cloth arm patch (3"cir) blue, white. #692: Radio Korea "30th Anniversary" sticker (4"cir) m/c-good looking! #693: Sudwestfunk 3 Radio (Germany) "Moose" sticker, odd shaped, m/c-very sharp! #694: Radio Vigo EAJ48 (Spain) match book, m/c-rare! #695: Radio London (UK) decal (2x12") red, B&W. #696: Radio TV Romana (Romania) station pin, blue, silver-rare item!! #697: Radio Vaticana C-60 cassette tape of Rosary by Pope John Paul II. #698: #698: CKGY sticker (4x8.5") red, white, blue. #699: Radio Korea "Announcer" QSL card (4x6") m/c. #700: Radio Korea "Wedding Day" sticker (3.5x5") m/c-beautiful! #701: Sudwestfunk Radio (Germany) "Naturlich" odd shaped sticker, m/c-nice! #702: CKKW "Toronto Blue Jays" litter bag, white, blue-nice! #703: KOMO sticker (8.5x8.5") yellow, black-very good looking. #704: Viking Radio (UK) spiral paper hat, red, white, blue-very sharp looking! #705: Sudwestfunk Radio (Germany) odd shaped "Child" sticker, red, white, blue. #706: CKEY sticker (3.5x6") "Gold Rush", red, white, gold-nice! #707: Voice of Tomorrow (USA) pirate QSL card (3.5x5.5") B&W. #708: CKEY very large "Spin Gold" station poster, m/c-very sharp looking! #709: WPLJ "25 Years of Rock n' Roll" station poster, very large and colorful with dozens of rock artists. #710: KKHL "Flower Calendar" poster, very large and colorful. #711: Radio Korea sticker (2.5"cir) m/c. #712: WVI (Virgin Islands) sticker (3.5x5") white, blue. #713: CJOC sticker (4x6") m/c-nice! #714: Radio Praha (Czechoslovakia) station pin, red, white-super!! #715: KRBE "Houston Gamblers" station sticker of USFL football team (3.5x13") m/c-rare since team merged with the Generals!! #716: Z2G (New Zealand) sticker (3x5") red, white, blue. #717: TIR Radio (Italy) sticker (4x6") m/c.

ADDRESS: Send your bids and orders for direct sale items to Sam Barto, 47 Prospect Place, Bristol, CT 06010 USA.

SPECIAL OFFER: Due to the increased demand, we will continue to offer for a limited time our special offer of 50 (fifty!) stickers/decals for \$5.00. These will be of my choice and there will be a few duplicates. However, these are great for enclosing with reception reports!!

OTHER DIRECT SALE ITEMS: While the supply lasts we are offering the following paper pennants for only \$.50 each: RCI, RAE, RTB-F, Radio Veritas, HCJB, RSI, Radio Sweden, and AWR-INDIA. The following litter bags are \$.25 each: RBI, KIVI-TV, WWE and RTE Radio 2. The following metal station badges are \$.25 each: WLPX, WMMR, WLLZ and RBI. The following items are as marked: CKSW paper folder at \$.25; BBC poster at \$.25; WRCK napkin at \$.25; Voice of Syncom mini-poster at \$.25; KBOI paper hat at \$.25.

AP DIRECT SALE ITEMS: The following stickers/decals are available for \$.25 each or any five (5) for \$1.00. New since last issue: Radio Mallam (large) (small), KRBC, CKPG, Signal Radio, WJGW, CKEC, Viking Radio, Red Rose Radio, Radio Lancashire, CFRN, CKUA, KAIT, Radio RSA, Radio Populare, WYFR, Radio Tees, Deutsche Welle (EG), KNUI, WINK, Radio Humberstone, Radio Fase, Q-93, 97-rock, KZEU, Mercia Sound, Radio Luna, South Coast Radio, ERF-TV, CFGO, CFOR, CKLC, KACC, CFRY, CJBK, CJET, KRBE (rock), CJBX, CKUE, CKPR, CJRT, CJCL, CJSB, FM-108, Radio Peter Flowers, Radio Luna (DC), CKQM, CKTA, CKHS, CKPT, CKKW, CHCC, CKCO-TV, WPCE, WOMI (large) (small) (music), CFOS. We also have CIRK (large) (small), KHCB, CFCH, CBC, CKRY, 6WF, WLIZ, WXQR (large) (small), 2ZW, KSEI, KKYX, KOUE, WYXX, KNFA (large) (small), FM-105, 96-rocks, ANARC (large) (small), WQMR, WABI, WAAX, KROY, KEY-103, WLUP (large) (small) (etc.).

NASWA

"UNITY AND FRIENDSHIP"
PUBLISHES *FRENDX* MONTHLY

NASWA MEMBERSHIP FEES:

First Class North America.....	\$16.00
Overseas - Surface Mail.....	\$16.00
Airmail to Central America, Caribbean, South America and Europe.....	\$25.00
Airmail to Asia, Africa and the Pacific.....	\$28.00

All remittances must be in U.S. funds and mailed to:
NASWA, 45 Wildflower Road, Levittown, PA 19057, U.S.A.

update

Besides *FRENDX*, NASWA also publishes **UPDATE** . . . a mid-month newsletter with the very latest DX news while it's still news. (**UPDATE** also appears in each issue of *FRENDX*. It is available only to NASWA members:

UPDATE SUBSCRIPTION RATES PER YEAR:

North America (First Class).....	\$4.00
Overseas (Airmail).....	\$6.00

Sample copies of *FRENDX* and **UPDATE** are available for:

North America.....	\$1.00
Overseas.....	\$2.00

EXECUTIVE DIRECTOR & PUBLISHER - Bill Oliver, 45 Wildflower Road, Levittown, PA 19057

SHORTWAVE CENTER - NASWA Headquarters

LISTENERS NOTEBOOK - Glenn Hauser, Box 490756, Ft. Lauderdale, FL 33349

QSL REPORTS - Sam Barto, 47 Prospect Place, Bristol, CT 06010

UPDATE - Tom Alleman, 636 E. 74th Terrace, Kansas City, MO 64131

DISTRIBUTING EDITOR - John F. Henault, 55 Lincoln St., Abington, MA 02351

LOG REPORT A - Mike Harris, P.O. Box 264, Grove City, OH 43123

LOG REPORT B - Jerry Berg, 38 Eastern Ave., Lexington, MA 02173

LOG REPORT C - Peter Drizhal, P.O. Box 663, Oxon Hill, MD 20745

LOG REPORT D - Wallace C. Treibel, 357 N.E. 149 St., Seattle, WA 98155

SCOREBOARD - Jerry Lineback, 115 Wroxton, Conroe, TX 77304

AWARDS PROGRAM CHAIRMAN - John Kapinos, 86 S. Quinsigamond Ave., Shrewsbury, MA 01545

COUNTRY LIST CHAIRMAN - Don Jensen, 5204 70th Street, Kenosha, WI 53140

U.K. REP. - Alan Thompson, 16 Ena Ave., Neath, W. Giamorgan, Great Britain SA11 3AD

FIRST CLASS MAIL

NORTH AMERICAN SHORTWAVE ASSOCIATION

45 Wildflower Road
Levittown, Pennsylvania 19057

FIRST CLASS MAIL
U.S. POSTAGE
PAID
Levittown, PA
Permit No. 319