

# FRIENDX

## LISTENING POST

WHAT'S HAPPENING: INTERNATIONAL SHORTWAVE PROGRAMS

BY GERRY L. DEXTER

I shouldn't be a whole lot longer before Kenya becomes far easier to hear on shortwave if it hasn't happened by the time you read this. Transmitters of 250 kilowatts are due to go on the air for the Voice of Kenya at any time. In a reversal of the way things usually work, the Kenyan government hasn't yet decided on the purpose of the new transmitters—whether to use them for domestic/regional purposes or to pull them into operation as an international service. The most recent schedule registered with the International Telecommunications Union would seem to indicate they may start 0300-0600 on 7.135 and 7.220, 0600-1600 on 9.635 and 9.725, and 1600-1900 on 7.135 and 7.220.

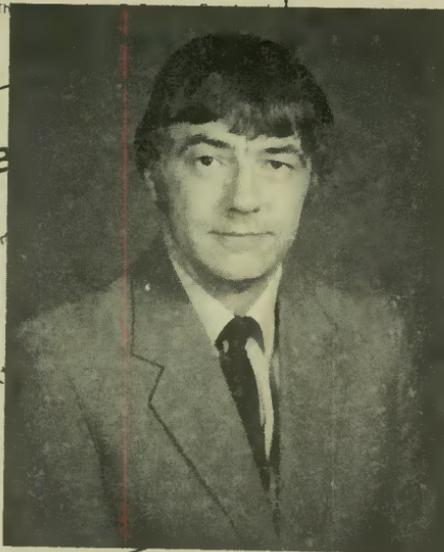
Another African nation that has increased power to the "it's a snap" level is Burkina Faso (formerly Upper Volta). Radiodiffusion Television Burkina at Ouagadougou stays on its usual frequency of 4.815, but with a much stronger signal, making it of Africa Number One on 4.810 from 20 sign off or from sign on at 0600. Broadcasts are all French.

## SECRETS OF SUCCESSFUL QSL'ING

BY GERRY L. DEXTER

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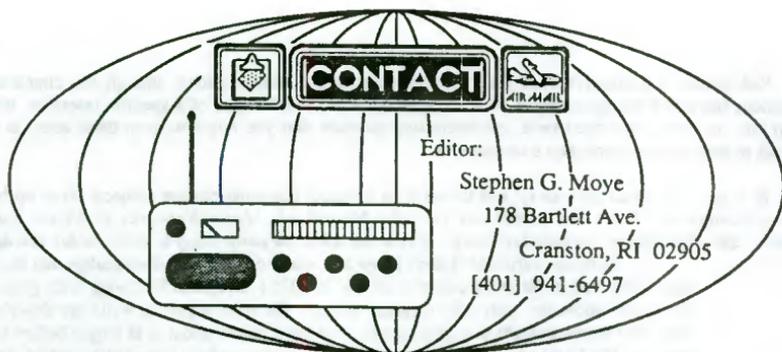
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Things really are beginning to look up: temperatures and atmospheric noise are down, while sunspot numbers are UP — I actually heard (on WWV) a solar-flux index of 80 (which equals a sunspot number of about 21 or so. The difference that that fact made upon reception was quite clear and noticeable. On to your letters. . .

I quoted last month from the first part of a letter from *Rob Gerardi* (Benton, Illinois) which discussed the 'give a transmitter' idea. The conclusion of his letter treats of the possibilities for SWLs who listen-in on the Ham bands:

How do amateurs feel about others listening to their conversations? Well, it has been my experience that the majority of hams are rather indifferent to the fact that someone could be listening to their transmissions. Some encourage it, while others may not be particularly distressed, but cannot understand why someone would "only want to listen and not get a license and join in the fun." Hams realize that their communications are not secure, and while most conversations are not of a private nature, some are personal. These are mostly "phone-patches" or contacts between old friends and family members. Yet you can hear other Hams oft times interrupt contacts, either to ask a question or make a remark[...]

Many Amateur DX awards are available to SWLs on a heard basis. The ARRL has an 'incoming' SWL QSL bureau, operated by Mike Witowski of the Association of DX Reporters, to receive Amateur QSLs being sent to SWLs in the U. S. Most Hams gladly QSL SWL reports. Several times my SWL reports to Amateurs have not only resulted in an attractive QSL (which really DOES confirm something, as opposed to some SWBC QSLs) but a personal note...thanking me for my report. A few times, the Hams have felt that I had second-handedly confirmed their contact with a rare DX station, which has yet to confirm the contact for them! That is, my report is proof that they did make the contact, though it is not proof that they can use toward any award, it does show that someone did hear them make that contact. Amateurs operating from the more remote locations in the world are often glad to know that someone is listening; after all, they like to know that their signals are getting out: should they not be able to contact someone in an emergency, at least someone might be able to hear them and get in touch with either other Hams or a government service that could help them. It should be noted that, several times, SWLs tuning the Ham bands have heard Amateurs make distress calls and have forwarded the information to those who can help the person in distress. In most of these cases cases, the Hams heard were at sea.

Hams are VERY proud of their hobby and are always interested in someone who takes an interest in it. After all, they would like *you* to become a Ham as well — and there is nothing wrong with that. Even though I'm a SWL, I too would like to see more SWLs become Hams.

In the course of acquiring information for the Ham DX column I write, I constantly receive mail from Hams and Ham DX organizations around the world. From these contacts, I would say that Hams generally would like to establish a good rapport with SWLs. The problem is that Hams know little about SWLs, and SWLs know little about the nature of Ham radio. A good way to change that is for SWLs to listen to the Ham bands more often, and for SWLs to contact Hams and encourage them to listen to the SWBC stations as well.

Rob makes a persuasive case for listening to Amateur transmissions, though the character of such transmissions (no scheduled appearances of a given broadcaster, and the lack of a specific *intention* to inform or entertain) may not be to everyone's taste. An interesting question that you might want to think about is the way in which goals of broadcasters shape their transmissions.

Both the 'transmitter give-away' and listening to Amateur transmissions are subjects taken up by our next writer, the distinguished DXer and contributor to Radio Netherlands *Media Network*: G. Victor Goonetillake ["Shangaila" 298 Kolamunne Piliyanda Sri Lanka -- *Victor has asked me particularly to point out his new address*):

Surprise, surprise!! I don't know how many other contributors realize that their comments have been read in far away outposts as Sri Lanka?! I have been following with great interest the discussion about the "gift a transmitter" project, and have meant to write my thoughts for some time. But then I thought that you people must have talked about it at length before I got an idea about it. The latest edition's (September 1986) comments about Ham radio couldn't keep me quiet anymore. I have been a DXer since 1965 — never dormant, always active, and anyone who listens to *Media Network* may know my name as ringing a bell. I have been an active Ham (457VK) since May 1983, and have been active *daily* on 14MHz on CW and SSB. I have a 50-watt transceiver and a homebrew 3-element monoband Yagi for 20m. I have contacted a few hundred Hams in East- and West Coast America, Canada, loads of Brazilians, hundreds of Europeans, Japanese, etc. Probably I am South Asia's most active SW DXer, and easily the most active Sri Lanka Ham. From that background I make the following comments.

*About gifting a transmitter to a country:* It is a good idea — a romantic idea of SWBC DXers, but it won't work and is not worth the effort if you expect it to put that country on the SW bands for good. [...] I don't want to sound pessimistic, but countries that really need SW have somehow started it, and continue to use it. Don't for a moment imagine that there is a single country in the world which is off SW for lack of people to maintain a transmitter or lack of funds. [...] Friendly governments help gladly with free transcription programmes, training — all are available. If revolutionaries and some hobby pirates can run transmitters, governments can.

So I think there is no need to spend your money on such a project. Instead, the hobby people can try to improve our chances of QSLing rarer stations by, say, printing 10,000 QSL cards for some station. If Botswana says reports are useless and they have no time/personnel to do it, they organize a "reception week." For that week, NASWA or ANARC could print cards and donate \$100 so that the station could hire a temporary hand (or pay someone overtime) a month later to QSL; or ask the station to cooperate by sending a photocopy of that week's logs and NASWA could QSL them. Also, get a station to air a special program at a time propagationally favourable like the Scandinavian DX-Contest, or past NASWA Cook Islands specials.

From the Hobby point of view, the difficulties to QSL, hearing, or the non-availability of SW, have all contributed to the thrills and romance of the SWBC. So let's enjoy it that way. Maybe in good time some religious station, or a crazy group like KYOI (did anyone of us seriously believe that KYOI would succeed?!), will do the job! Or a relay station will come up. So have patience!!

*Ham Radio:* Every Ham knows that everytime we go on the air that people listen: either a SWLs or Hams; either for curiosity to to make contact. 99 times out of 100, or 100% of times we don't mind at all. If there is something of a personal/private nature, we would write a letter or phone. So forget it if you have ever felt that you are an unwelcome eavesdropper. However, on a very, very rare occasion I've heard a husband or child to family member QSO; they do talk by radio because of great distances between them, or geographical boundaries, and phone calls cost too much for regular contact. These are about 1 in a 1,000,000!!

The *International Amateur Radio Union* provide simple CW (Morse code), one channel only, transmitter (5 watt) and receiver kits to Hams in Third World countries through their radio clubs free of charge. They also provide ARRL & RSGB (U.S.A. and U.K.) books and magazines free of charge. In Sri Lanka you cannot easily buy transceivers, etc., so my first 6 months on the air was on one of these small, single frequency (14044kHz), transmitters before I purchased a second-hand 50 watt Yaesu SSB/CW/AM transceiver for US\$300.[...]

## CONTACT NOTES

You will notice, I am sure, the much improved look of the text in this month's column. The text was prepared on an Apple Macintosh Plus (my latest toy: I am in love...) using Macwrite and Macdraw. The real change, so far as the column is concerned, is that the entire text was printed on an Apple Laserwriter (using a 10-point 'Times' font). The results, I think, speak for themselves.

The new 1987 edition of the *Radio Database International* is out and, if possible, it is even better than the previous edition. The heart of the book is a 251 page listing in clear graphic form, by frequency, of virtually every SW broadcaster. Information includes: language, target area, transmitter power [particularly useful in establishing LUF -- lowest useable frequency -- for a given station], location of the transmitter [when known] and whether or not the broadcast is jammed. Unlike the first edition, this includes both tropical and international bands in one volume -- a distinct improvement. Additionally, there are some background articles, and an enormous and useful buyers guide to available SW receivers -- from the very inexpensive to the ridiculously expensive (the stuff of which dreams are made...) All of this for \$12.95 + 1.95 s/h -- a real bargain, and a purchase you won't regret; indeed, I don't see how anyone who listens at all frequently to SW can do without it. It is available from: International Broadcasting Services, Ltd., P.O.Box 300, Penn's Park, Pennsylvania 18943. It is also available from almost every retailer of materials for the SWL.

Speaking of books, it is just about time again for another look at the CONTACT BOOKSHELF. This is an opportunity to examine useful works for the SWL: magazines, journals, station/frequency listings (annual and otherwise). If you have any suggestions or comments on a given book, just send them to CONTACT. Depending on response, this department should appear in either the December or January CONTACT.

Having struck the literary note, I stick to it for another item. Some time ago (it seems like an eternity) I let it be known that I was preparing a work called *The Calculating Shortwave Listener (TCSWL)* a work treating SW propagation and a few other topics. Somewhat rashly I announced that it was ready for distribution and invited all who were interested to send me some postage, and I would send them TCSWL in return.

At that point, TCSWL numbered some 20+ pages. Remember that number.

I then discovered a few misspellings, a few missing points of interest; a note here, a table there, an example or two someplace else; numerous additions to the bibliography; the discovery and inclusion of an interesting field-strength computation. In short, TCSWL underwent a complete revision.

It also underwent a period of major growth: to 70+ pages. I thought the Laser printer was going to overheat: it seemed to go on for hours and hours, churning out page after weary page.

In any case, it is now ready. Really. Obviously, I can't send it out for just the cost of the postage, but for the cost of reproduction and postage (\$6.50), I will send you a copy.

Contents: two maximum- and lowest useable frequency equation listings; signal strength equations; conversion equations relating A- to K-indeces, and solar-flux indeces to sunspot numbers; terminator propagation calculations; loaded dipole antenna computations...

One word of warning: TCSWL assumes that you are comfortable with mathematics through trigonometry, and that you are also proficient in the use of your computer or calculator. Given that, there is a lot of very useful and interesting material contained in TCSWL, and I hope you enjoy it.

I wrote to several Senators about the Electronic Communications Privacy Act of 1986. As you may know it was passed by the Senate, though in a form that was less severe than had been feared. In any case, the replies to my letters have begun to arrive and I will share them with you next month: I have been very surprised [not always pleasantly] by those replies. If you have anything of the sort to report, please send it in to CONTACT.

Well, that's it. I hope you enjoyed this month's CONTACT. Write to us -- it is *your* column



# Easy Listening

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

## SUNDAY

- 1120-1125: "China Anthology" (Radio Beijing). This is a brief and informative look at bits and pieces of Chinese history spanning the many centuries of that nation. Past editions have included the historical explanation for the lack of trees in The Forbidden City and a feature on the Chinese writer U-Shin. (9.535. Repeated at 1220 on 9.535/11.650 and at 0020 on 15.445).
- 0025a-0045a: "The Many Faces of Spain" (Spanish Foreign Radio). This is a gleaming from the works of writers who visited Spain from the early 1800's to the present. Spanish writers' impression of Spain will also be included. This replaces the series that ran for the last thirteen weeks, "Spanish Bookshelf", an excellent series that I'm sorry was concluded before I reviewed it and hope will be repeated. The research on that program and on this one is excellent. (9.630/6.125. Repeated at 0125 on the same frequencies, and at 0525 on 9.630)

## MONDAY

- 1340-1350a: "P.O. Box 26" (BRT). This is BRT's letterbox program, designed primarily for members of their International Listener's Club who receive a free transcript of the program if their name is mentioned in it (a thoughtful service). Beyond that, it is much like any other letterbox program, except that every so often they have an "Open Door" day in which they feature taped interviews with visitors to the studio. I'm a little bit uncertain of the exact time of this program, since I've haven't a chance to tune them in since they switched to their new half-hour format. (15.590. Broadcast earlier on Saturday at 0040a on 5.910)
- 0215-0225: "Japan Travelogue" (Radio Japan). Each week features a visit to a different part of Japan and features the life, the landscape, the architecture, etc of the area. The show frequently uses sound effect to recapture the spirit of the area they are visiting that night. (15.195/15.420/17.825)

## TUESDAY

- 0110-0120a: "Window on Australia" (Radio Australia). A rather unusual program featuring phone interviews with people in different parts of Australia about the weather there, what is making the news, and general regional topics. Although I'm not sure of this, I think the people they do the phone interviews with are local ABC employees. (15.320/17.795). Sunday through Thursday.
- 0230-0235: "Spotlight on the Middle East" (Radio Cairo). A brief five minute look at politics and issues in the Middle East, including terrorism, Lebanon, Israel, possibility of peace talks, and any issue making news headlines. (9.475)

## WEDNESDAY

- 0010-0015: "The Cultural and Historical Traditions of the Albanian People Throughout the Centuries" (Radio Tirana). Once you get the title out, the program is half over. What remains is a chronological investigation of Albanian history, its significant movements and

## WEDNESDAY (continued)

its undercurrent. Most recently they have been concentrating on the 1920's and the times just following Albania's independence in 1912 with the biographies of some important political leaders of the times. Actually, it can be a rather interesting program, but presented in too dry a fashion. (7.065. Repeated at 0240 on 7.120/9.760).

0205-0210: "Egypt Today" (Radio Cairo). Varied and often unrelated looks at the segments of modern Egyptian society, including the formation of political parties in Egypt, land reform, treatment of the mentally ill, and a current Egyptian bookfair (9.475)

## THURSDAY

1350-1355: "QSLs" (BRT). This is a fortnightly look at the various QSL cards being offered by BRT. Since most of these feature works of modern art, much of the program is about the artist and the work featured on this month's card. These QSL cards, as many of you already know, are offered only to members of the International Listeners' Club who agree to send in two reception reports a month. But BRT will verify by letter any reception report from a non-club member (as long as it's accurate, of course). The cards themselves are attractive enough to warrant the small trouble involved in joining the club. (15.590. Broadcast earlier on Wednesday at 0050 on 5.910). Every other week.

0135-0145: "The WFTU Calling" (Radio Prague). A program devoted to the World Federation of Trade Unions, issues which concern them, regional and international meetings of trade unionists, and how trade unions are making a better life for their members. Frequently features interviews with Trade-Union members (5.930/7.345/9.740/11.990. Repeated at 0335 on the same frequencies). Monday and Thursday.

## FRIDAY

0045-0100: "Stories of Great Christians" (HCJB). Produced by the Moody Bible Institute, this is a series of dramatizations about the lives of great Christians (who are, surprisingly enough, usually evangelists). Past episodes have featured the life of Billy Sunday and Johnathan Mason Peck (a circuit riding preacher in Missouri around the 1820's). The quality of programming is about the same as that for "Unshackled" (shudder). (15.155/9.870). Monday through Friday.

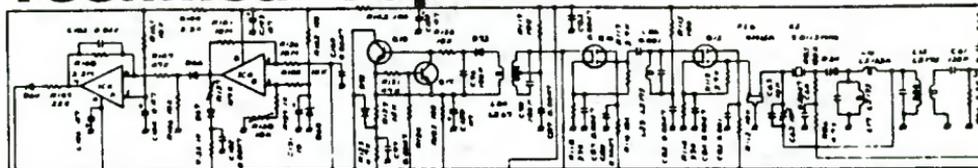
0215-0230: "The ROC Today" (Voice of Free China). This a cluster of related segments about life in the Republic of China today. It is presented in a chit-chatty style by Albert Song and Jade Lim who do a fairly good job with the informality of it. Past concerns have featured modern Chinese architecture and its attempts to retain traditional Chinese theories of construction as well as the educational system in Taiwan (5.985. Repeated at 0715 on 5.985 and on Saturday at 0315 on the same frequency).

## SATURDAY

1910-1930: "Our Guide to Your Programs" (Radio Moscow). A fairly extensive preview of the week's coming programming on Radio Moscow (World Service only; North American Service not included). Program not only features the specific attractions of regularly scheduled programs, but also includes special programs coming up in the near future on World Service. I think the best thing about this program (aside from its unarguable usefulness) is the host Vassily Strelnikov who also hosts the bi-weekly "Listeners' Request Club" (11.840)

0220-0235: "Meet the People" (Radio Japan). A series of interviews with prominent Japanese in the field of art, science, economics and academics. The best one of these interviews I remember was with a Japanese scientist who specializes in robotics. Interviews are usually taped in the participants own voice and then translated by a voice-over. (15.195/15.420/17.795).

# Technical Topics



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

## GOT DEM ACTIVE ANTENNA BLUZ OR ENOUGH ALREADY

Gez Doc... I don't know what came over me. I guess it was reading the twenty or so letters asking "what's an active antenna?" I didn't mean for the antenna to fall on that police car. Ya see WCAU was causing too much overload on my active antenna experiments. The way I see it, my readers come first. WCAU just had to go. Heck, I used up something like ten hacksaw blades to get that sucker down. I'm not really crazy Doc, I'm conducting important research for my column. Besides, who is listening to Phillies games since the Mets clinched the pennant? Look, a little bit of duct tape and some 18 gauge ground wire and I can get them back on the air in no time.

Well it almost came to that folks. FET amplified antennas and Class A 50 kilowatt radio stations just don't mix. Be that as it may, over the last few months I received several dozen letters asking about active antennas. Shack location notwithstanding (.75 kilometer from 50 kw WCAU) your humble editor will sally forth into the land of limited space antennas.

For many folks, the possibility of putting up a full size outdoor antenna and ground system is either impossible or undesirable. Local zoning, property size, apartment dwelling, and parents who say "No ya can't put up an antenna" all conspire to reduce the effective signal to your receiver. Until recently it was hard to participate in our hobby without at least several meters of wire out the window.

### ENTER THE ACTIVE ANTENNA

What we see advertized as an active antenna in the magazines is really two devices working in a symbiotic relationship.

#### 1) THE ANTENNA

Usually this is a very short radiator running between .5 and 2 meters in length. Some manufacturer's designs allow for varied length antennas. The antenna can be an integral part of the unit or can be designed so as to mount outside, usually through a window, but these units can also be located inside a building that does not shield it due to metal framing.

#### 2) THE PRESELECTOR/PREAMPLIFIER

This device serves to amplify the incoming signal at the antenna and present a signal to your receiver at optimum resonance. This part of the unit also serves to provide some rejection and selectivity.

As stated previously, active antennas are specifically designed for limited space applications. As such, they present several trade offs when compared to the more traditional antenna system.

The first draw back has to do with the amplification. If there is any noise (and there is always some) it is amplified right along with the desired signal. It is therefore usually desirable to have the amplification as close to the antenna as possible so that it is not also amplifying man made noise picked up by a long antenna feedline.

Secondly, most of these gizmos are battery powered. So you run into the problem of leaving the thing on only to discover the cells are drained the next time you want to listen. (I often thought a neat receiver feature would be a relay wired to the main power switch that could then be pressed into duty to turn off other shack stuff.) Used properly, one 9 volt alkaline will last up to a year in your antenna box. But leave it on overnight and its good bye Charlie.

Last but not least, if you have any strong local stations within a few clicks of home, your magic box is going to be prone to overloading at various tunings. It does not render the system useless but it is a pain. Another consideration, especially with lower priced receivers is that the gain presented by the active antenna might itself overload the receiver.

All of the commercially available systems work very hard to make the best of a bad situation but none are superior to even a rudimentary outside antenna of reasonable length. In other words, if you have ten meters of wire up, buying and active antenna might only help make your wallet lighter.

#### THE EXCEPTION THAT PROVES THE RULE

There are highly specialized directional or shielded active antennas that are designed for use from VLF, through the AM broadcast band, up through about eighty meters. In these applications the active antenna (usually some form of loop) are often the best way to go. But for most general SWBC work, an outside wire is always desirable.

Don't think that I am knocking the active antenna. When used as designed by someone who has no other choice, they make DXing possible and enjoyable. If I were living in an apartment or dormitory and I took my listening seriously, I would most assuredly use an active antenna. My primary complaint is that if five bucks worth of wire and a little ingenuity can get me there, why spend the extra money?

#### WHAT'S AVAILABLE

##### MFJ-1020A

A compact "indoor" unit with a built in 21" antenna. You can sit this unit right next to your receiver. A good feature is a LED power indicator to help you remember to turn it off, thus saving batteries. Price \$79.95, MFJ-1312 AC adapter \$9.95. Available from Universal Shortwave Radio, 1280 Aida Drive, Reynoldsburg, Ohio 43068 or directly from MFJ Enterprises Inc. Box 494, Mississippi State, MS 39762

##### MFJ-1024

Similar to the above in most respect but this unit includes a 54" antenna whip and amplifier module designed to be mounted outside. Mounting the amp at the antenna helps to eliminate some of the noise amplification problems mentioned earlier. Price \$129.95, AC adapter \$9.95 available from the same sources as the MFJ-1020A

##### SONY AN-1

Very much like the MFJ-1024, it has a 59" radiator and amplifier box designed for outdoor mounting with an indoor control box. Price \$79.95 available from Universal Shortwave Radio.

##### PALOMAR PA351

This may be the best of the lot. Palomar has long experience in the active antenna field with its series of loops for broadcast band DXers. This unit has a 36" radiator and amp box designed for remote mounting. They boast a gain that rivals 100' of longwire. (I'll believe fifty) But what makes this unit special is it includes in its circuit a 7 stage LC highpass filter specifically set up to eliminate overloading from local broadcast stations. This looks like a winner. Price \$129.95, Ac adapter \$10.95 available from Universal Shortwave Radio and Gilfer Shortwave PO Box 239, 52 Park Ave., Park Ridge, NJ 07656

DAIIONG AD-270 & AD-370

The AD-270 and its outdoor brother the AD-370 are 3 meter dipoles feeding a preamplifier via a coaxial cable. These units utilize a broadbanded amplification circuit for 12 db gain. I would shy away from a broadband unit if I lived near a high power BCB station. Price AD-270 \$114.50, AD-370 \$134.50. power converter \$10.95. available from Gilfer Shortwave.

McKay Dymek

For those who would rather drive Jaguars then Datsuns. MD has long been known for exceptional quality and workmanship. Utilizing a 4' 8" weatherproof radiator/amplifier box with indoor control box. This unit also has a jack for an auxiliary antenna allowing the unit to act as a preselector. Price \$190 from Gilfer Shortwave.

Some of the more adventurous among you might try and build your own active antenna. FET amplifier circuit design is fairly forgiving. Shoot for 12 db or thereabouts and then write it up and send it in so we can all give it a try. Now where did I leave my hacksaw?

SOFTWARE SIDESHOW

Wouldn't you just know it! The first contributor to our new found column corner is our own BILL COLE. Bill sent us a nifty disk he has developed just full of C-64 and C-128 programs of special interest to the DXer. Actually it represents 12 of the Commodore programs that have appeared in his Computer Corner column over the past months.

Included are:

1. Reception Report
2. Log Processor
3. Antcomp 64
4. Flux to SSN
5. Minimuf 3.5
6. Cat Control
7. Radio CF Sort
8. DX Checker
9. QSL Reporter

And for the C-128:

10. Twilight Listening
11. Grayline DX
12. Emuf 2+

Bill says that any NASWA member who slips him 5 bucks US in an envelope to cover disk, copying, mailer and postage (US and Canadian) is welcome to a copy. Overseas members should send Bill and extra dollar if you want airmail.

COMPUTER CORNER COMMODORE DISK

\$5.00 to:

BILL COLE

107 Charles Street

N. Cape May, NJ 08204

US of A

Your humble editor has already enjoyed the use of this disk and I am hoping to take Bill's advice and adapt the three C-128 programs to the C-64 in all my spare time.

Now you folks can see the rewards of being an editor for Frendx. Bill Cole has retired from editing to become a software mogul.

Have a Happy Thanksgiving with good conditions for the long weekend. Keep those cards and letters coming folks.

MAZELIOU JON & JAN!!!

73,

*Skip* WB2GHA



## Computer Corner

Editor: Tom McElvy, P.O. Box 9645, Norfolk, VA 23505-0645

### LET ME INTRODUCE...

...myself. My name is Tom McElvy, and I have the pleasure of following in Bill Cole's footsteps, and becoming your editor of the Computer Corner. Since I am new to most of you folks, I thought I would tell you about myself and my plans (and hopes) for this column.

Concerning myself, I am 32, divorced with two boys. I pay my bills by selling beepers! I have been in and out of the SWL hobby since 1976, and have REALLY been heavy into it since 1984. I am a member of the Old Dominion DX Association, serving on the publishing committee of their monthly ODDX NEWSLETTER, as well as on the staff of the WPE CALL LETTER of the Great Circle Shortwave Society.

As far as computers are concerned, you might say that I live, eat and sleep with them (my girlfriend is concerned about this!). I use a Commodore C64c Computer with a single 1541 disk drive, an OkiData 120 printer and a Hayes 1200 baud modem. I frequent the following BBSs: ACE, ANARC, ODDX, UBIX, DX LOGBOOK, NEVERBOARD and BOARDS GALORE. Additionally, I am the Sysop of my own BBS, known as THE PLEASURE DOME.

What do I want for this column? Well, I guess the best answer to that question is that I want to help you folks learn more about computers in general, their applications for the SWL, and BBS systems in particular. I do not plan to run any program listings...while it IS nice to get it out of a magazine, the size of FRENEX makes it close to impossible to read the data correctly. If a really neat program is brought to my attention, I will place a notice here in the CC. If you want to look at it, send me a SASE for a hard-copy, or a blank disk with a SAS disk mailer, and I will copy it onto the disk and drop it into the mail for ya! By doing things in this fashion, I will be able to share more information on computing for you folks out there in DX Land!!



OK, now what the heck is all this stuff about BBS and modem and sysop? Guess what..that is what I am going to write about! It seems, from my conversations with Bill Cole, and Bill Krause, of the ANARC Computer Information Committee, that the bulk of the SWLs who are computer users use them for three things: telecommunications, record keeping and letter writing (that's word processing). And since telecommunications is the number one interest, I thought I would make that the first topic of this column. So here goes!

TELECOMMUNICATION consists of electrical signals sent from your computer to another computer over the phone lines. By using the commonly available telephone lines, you will be able to connect up with a world of computer users.

As it's name implies, a Bulletin Board is just that: an electronic means of posting messages, either publicly or privately, depending on the system. They range from very inexpensive systems, to boards costing hundreds of dollars just in software. But they all serve the same basic purpose - a means of conveying messages to others.

Using a bulletin board is really quite simple. The first step is to be sure you know your terminal program; I have seen some quite fancy, and some that are simple and quick; my personal favorite is VIP TERM XL, but I always have a public domain terminal program laying around JUST IN CASE...yes, Murphy does strike the computer users too!

After you have played around with your machine, and feel comfortable, call up one of your local bulletin boards...this saves you money, and gets you into the hang of using your system. Log on - look around - you can always disconnect if you really cannot figure out what is happening, or call for a chat with the Sysop (System Operator), who can give you a guided tour of his board.

How would you like to get updated on the latest in SML happenings, loggings, verification signers, or see what is yesterday, I would love to know about it! Well, by complete participation on one or all of the SML BBSs, you CAN! There are several really great boards out there for you to use. In the upcoming months, I will have in depth reviews and stories on the various SML-BBSs, but for now, here is a brief synopsis of the major ones:



#### THE ACE BBS:

Probably the most active board around, the ACE BBS is run by the Association of Clandestine Enthusiasts. Operated on an IBM PC, the board runs at 300 or 1200 baud, and primarily provides for the exchange on pirate and clandestine stations. The board also has an excellent SML section and provides for both personal and public mail transfer. (913) 677-1288

THE ANARC BBS: Just over a year old, the ANARC BBS provides a meeting place for SMLs the world over. Established by Bill Krause and Bill Cole, the ANARC BBS follows the format of your favorite SML magazine, FRIENDX, with the various Log Reports, GSL info, etc. The history of this BBS is quite colorful, and will be covered in an upcoming article by Bill Cole. (217) 368-3124

#### THE UBIX BBS:

Operated as a service to the SML hobby, Fred Osterman of Universal Radio has set up a rather simple, yet very powerful BBS on a Radio Shack Model 12 computer. UBIX has sections devoted to DX Tips, used equipment, and E-Mail, among other areas of interest. The program is custom designed for UBIX, and does NOT allow for new users to log themselves onto the system. For a user ID and password, send a SASE to Fred Osterman, c/o Universal Radio, 1280 Hida Drive, Reynoldsburg OH 43068.

ODDX BBS: The Old Dominion DX Association operates the ODDX BBS which is a general purpose SWL BBS, supporting communications at 300/1200 baud. The recent addition of a 20 meg hard drive has expanded the capacity of the board greatly. Areas covered are SW Broadcast, utility and scanner information, as well as up/downloading of Commodore and Atari programs. Operated on an Atari 520ST, the ODDX BBS can be reached at (804) 596-2710.

DX LOGBOOK: The DX Logbook is a BBS with slants to both SWL and amateur radio, as well as astronomy. Operated at 300 baud on a Commodore 64, DX LOGBOOK can be reached at (816) 228-2882.

NEVERBOARD: Part of the Fido-Net communications system, NEVERBOARD is an interesting source of information. The system requires a password, which you apply for the first time you log-on. Much information is contained on the numbers stations, as well as having many programs for Commodore, & IBM. Call NEVERBOARD at (412) 733-4842.

BOARDS GALORE: Although not primarily devoted to the SWL hobby, BOARDS GALORE has a SWL section operated by Steve Webster of the Ontario DX Association. Also part of the Fido-Net network, Steve has provided an excellent source of SWL material. You can call Boards Galore at (416) 598-1934.

While I am sure that I've missed somebody somewhere, I think that this summarizes the major SWL BBS around the country. Bulletin board systems can be a valuable resource for the computerized SWL, but it takes participation from users in not only reading the messages, BUT IN POSTING them as well! The biggest complaint that I hear from BBS sysops is that everyone reads, but no one posts....PLEASE it only takes a few more minutes to type in those loggings, and while Tristan may be no big deal to some of you, there are others of us who would jump at the chance to log it! The old saying is that you cannot get something for nothing...please remember that when you call and get information!



I hope that this first column has not been too boring, but rather has enlightened you on some of the things YOU can do with that marvelous computer. But, since this IS your magazine, I would appreciate any input from the readers. Please write me at P.O. Box 9645, Norfolk, VA 23505-0645. Next month, we will have a special holiday Computer Corner, so keep your eyes open...until then, 73!

*Tom*

# SWL BBS LIST

ACE BBS	(913) 677-1288
ANARC BBS	(217) 368-3124
BOARDS GALORE	(416) 598-1934
DX LOGBOOK	(816) 228-2882
NEVERBOARD	(412) 733-4842
ODDX BBS	(804) 596-2710
UBIX BBS	(614) 866-4392
WRTH BBS	(212) 764-7539

Be sure to tell them that you  
heard about their board in  
FRENDX!

73

Tom, WDX4KQH



# NASWA Awards Program

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

Greetings and welcome to the November Awards Page. The following folks received NASWA Awards during the month of September 1986:

Richard E. DAVIS, Portales, NH: Tropical Band DXer

David JONES, Springfield, TN: Maple Leaf DXer

Ken KASHIWABARA, Panorama City, CA: Ecclesiastic DXer

Kevin KLEIN, Appleton, WI: European Continental DXer

Steven R. LARE, Holland, MI: Senior DX Centurian, South American DXer

Elizabeth NATALE, Ironton, MO: World Wide DXer

Bob STURGEON, Richmond, BC: All Voice of America DXer

Michael C. TOTH, Granada Hills, CA: Senior Time Station DXer

Frank WELCH, Worcester, MA: Senior DX Centurian, Asian Continental DXer, South American Continental DXer, Senior Ecclesiastic DXer, Arab World DXpert, ORTF DXer, Australian DXer.

## KAP'S KOMMENTS.....

We have some extra copies of the Radio Canada Stamp First Day Cover which was launched at the past ANARC Convention in Montreal. First come first serve at .50 (IRC) and an SASE (IRC).

Last month we mentioned a potential problem with the USSR High Frequency Broadcast Newsletter (UHN). We have not received a response to our letter to the publisher requesting clarification of the situation, thus we must retract our recommendation of this publication.

As mentioned in other sections of this issue of FRENDEX, Radio Botswana is indeed again verifying. My card came in 17!!! days. Detailed and absolutely correct reports are a must here.

Hardly anyone would purchase a Personal Computer without any software, but that is exactly the case with many SWLS. Folks will purchase a kilobuck receiver and then not invest in any books on the subject. At the minimum, an SWL library should consist of at least the most recent available copies of World Radio and TV Handbook and Radio Database International. These 2 books do not compete with each other, rather they are complementary. We just bought a copy of the 1987 RDI and find it a gem.

While not quite SWBC, we recently came upon a neat little booklet called "World Wide Air Traffic Control", a comprehensive frequency directory listing world wide aeronautical stations operating between 2 and 22 Mhz. It is available for \$6.00 postpaid from Cambridge Airadio Services, 89 Mass. Avenue, Suite 486, Cambridge, MA 02115. Tell them Kap sent you.

The Celtics won the NBA Championship, the Patriots made the Super Bowl and now the "Possible Dream" Red Sox are 2 victories away from winning the World Series. Can anyone remember when the same city was represented in the Championship Round of 3 different sports in the same year?

Back to books for a minute. Any serious Latin American area DXer should consider Gerry Dexter's Spanish Language Lab. It is the finest reception report writing guide we've ever seen. Gerry tells us that French and Portuguese editions are forthcoming. Details from Tiare Publications, PO Box 493, Lake Geneva, WI 53147.

Till *BEST, Kap* 10/20/86 next month,

## JORGE ZAMBRANO OF HCJB

One day Jorge ("George" in English) Zambrano, who worked for HCJB-TV, heard someone originally from the United States on HCJB Radio confusing a musical selection of Ecuador in much the same way as referring to "Way Down in Dixie" as "Yankee Doodle." He went to talk to station personnel. He was asked whether he would like to produce a program of Ecuadorian music. He volunteered to do so for three months. That was ten years ago. He is still volunteering--an "extracurricular activity" as he calls it. Today "Musica del Ecuador" is the second most popular program on HCJB, right behind DX Party Line.

Jorge's regular job is in Spanish programming on HCJB-TV. He produces a similar program on television, the big difference is that on it he has the Ecuadorian musicians who make the music. Not everyone can get on the program. Early in his work with HCJB-TV he turned down the request of his sister to be on his program because there were things in her personal life that were not exemplary of a Christian. (She has since appeared; she is now on a tour of Europe, educating the people there in the culture of Ecuador.)

Jorge is an accomplished guitarist. Quoting from an article by him in the Christian Herald, November 1978.

When I was about nine years old, contrary to my father's wishes, I acquired an intense desire to play the guitar. Since my father had been a guitarist playing in cabarets and nightclubs and associating with dancing girls and big-name entertainers, he did not want that kind of life for me. But despite his warnings, my craving to play the guitar intensified. At last I was able to get my own instrument. When I brought it home, my father broke it. Thinking he was drunk, I bought another. Upon seeing my second guitar, he was furious. Filled with rage, he smashed my guitar into pieces and continued to scold and beat me soundly. But my keen interest in playing the instrument I loved was not crushed. Obtaining yet another guitar--which I kept hidden--I practiced outdoors with my friends.

At the age of twelve I had my own trio and was playing Ecuadorian popular music on radio. ...when (my father) heard the name 'Jorge Zambrano' mentioned over the airwaves, he realized then that he could no longer stifle the musical talent of this youthful guitarist. Slowly his wrath was replaced with pride as I was now becoming somewhat well-known as a radio performer. He extended his congratulations to me and soon, instead of feuding, my father and I were happily playing duets together. A very close relationship developed between my dad and me."

At sixteen Jorge won the title of National Classical Guitarist. Today he writes Christian as well as popular musical selections. The latter must, in his words, "be of a positive, healthy nature, not ones that tear down, such as someone running off with another man's wife."

The Christian Herald article tells about Jorge's work at HCJB in 1978:

"Producing radio and television broadcasts, FM programming in both English and Spanish, I also assist with the Bible Institute of the Air in the production of cassette tapes for those unable to read and write.

Our outreach was further expanded in the releasing of twelve phonograph records. I have been thrilled to see some of those who taught me how to play the guitar when, as a young boy, I hid my instrument from my frenzied, furious father! In witnessing to them I made it clear that I now play for Jesus Christ."

Jorge, in the United States with his family since May, recently visited in the home of Marlin and Lois Field in Hillsdale, Michigan. His wife, the former Denise Davis of Pennsylvania, told about how she used to verify reception reports for HCJB. Jorge, in looking over the fifty-four Ecuadorian stations that Marlin has verified, made such comments as "These are my friends ...I work with them...Have you met Jim Hedlund? (from Radio Rio Amazonas)...He was in my high school graduating class (someone at Radio Zaracuy)...He's in Congress now (signer of verification from Emisora Gran Colombia)...I was born there (upon seeing a pennant from Radio Paz y Bien in Ambato)."

The children, Linda, age eleven, and Danny, age 8, delighted in telling jokes, reading joke books, and exploring the two-story house and basement. They like to sing with their parents. In the Sunday morning service at College Baptist Church Denise gave Danny a nudge when the family started singing. He knew what it meant, he was singing too loud. The children will attend school in New Jersey until the Zambranos return to Ecuador in January.

Jorge's first visit to the United States was in 1964. He came here to live, but within about ten years he was back in Ecuador. During that period he had become a Christian, served as a summer missionary for HCJB and Trans World Radio, graduated from Miami Christian University with a bachelor of science degree in communications and from Wheaton College with a master's degree, also in communications, and married Denise, whom he met at MCU.

Musica del Ecuador may be heard found times weekly on HCJB --1000 UTC on Monday, 0200 and 0500 UTC on Tuesday (Wednesday, UTC); and at 0115 UTC on Saturday (Sunday, UTC). Give the program a listen, you'll enjoy it!

Marline A. Field  
128 Oak St.  
Hillsdale, MI 49242

Until he returns to Ecuador, Jorge may be reached at Box 208, Hawthorne, NJ 07507. Tel. 201-423-5499. His programs now heard on HCJB are taped; he's on furlough, in United States to raise money for his financial support as a missionary on HCJB, and to acquaint people with the work on HCJB and the other projects of the World Radio Missionary Fellowship.



Jorge "George" Zambrano of HCJB and Marlin A. Field

# An Antenna For 90 Meters

By  
Jay S. Golden  
396 Yarmouth Road  
Rochester, NY  
14610

For most of us, the antenna is the most compromised part of our listening system, and often consists of a wire of random length stretched from the house to a pole or tree. It is rarely as high or long as we'd wish it to be and probably doesn't satisfy our directional requirements, but it gets the job done. At this point in the sunspot cycle, the deficiencies in our antennas are especially critical. Add to this the everpresent QRN on my favorite bands - the Tropical Bands - and the prospect is bleak. Those elusive African signals used to be above the noise when I began DXing in 1976, but nowadays I feel fortunate to copy them below the noise, if at all.

Many DXers have found the omnidirectional characteristics of vertical antennas to be appealing as a method of solving problems of insufficient space to permit horizontal antennas, although the grounding requirements (radials, etc.) demand a large piece of property. And, a vertical antenna for, say, 90 meters is going to be 35 to 40 feet tall (if it is helically wound) and have minimal bandwidth and capture area. At my location, that was out of the question; any antenna I used would have to be nearly invisible, i.e., a single wire.

After weeks of studying various antenna texts for easily-built designs that offered directivity as well as resonance at the middle of the 90 meter band (3.3 MHz), I decided on a shortened, sloped, inverted-Vee dipole. The design lent itself nicely to the characteristics of our property. The antenna consists of two 40 foot long legs connected to an antenna center insulator containing an integral UG 239 connector for RG 58/U 52 ohm coax. Each leg of the dipole consists of 414 inches of #14 insulated solid copper wire, an SH-80 resonator coil (W91LN Antennas, P.O. Box 393, Mt. Prospect, IL 60056, pair of coils \$29 ppd.) and another 95 inches of #14 wire. The 414 inch-long wire section is connected to the antenna center insulator. The total length of the two legs is 80 feet. For 3.3 MHz, lesser dimensions (in inches) would be as follows:

Total Length	"B"	"A"
70 feet	350 inches	102 inches
60 "	286 "	107 "
50 "	221 "	112 "
40 "	155 "	117 "
30 "	88 "	122 "
20 "	28 "	129 "

If you build this antenna, remember to connect one end of the "B" length to the center insulator; the SH-80 coil is between the "B" length and the "A" length. At the outer ends of the antenna legs use egg insulators. These are tied to nylon line and in turn to some rigid object, making sure the antenna is taut. The design is called an "inverted-Vee" because the center is up as high as possible; at my house the antenna is hung from a point 34 feet above the ground on the rear wall. Each leg end is tied, using nylon rope, to the top of a 7 feet tall section of 1 inch thinwall conduit which has been drilled to accept a screweye. My antenna is also a "sloper" because the legs are strung away from the house a horizontal distance of 28 feet. The angle between the two legs should be as close to 90 degrees as you can make it. The RG 58/U coax feed is brought away from the center insulator and run into an antenna tuner. The design of inverted-Vee slopers favors directivity, and to satisfy my goal of better African reception (beam heading: 85 degrees) the antenna is installed on the east side of our house, with one leg at the north property line and the other leg at the south property line. The antenna has a bandwidth of plus or minus 100 kHz, neatly allowing complete coverage of the 90 meter band.

In use, the antenna is clearly superior, on the 90 meter band, to my 80 feet long east-west longwire. Switching from one antenna to the other, the inverted-Vee typically exhibits at least a 3db gain (this is a doubling of voltage) over the longwire, and, on several occasions, a 10db gain. Radio Botswana is audible and above the noise on 3356 kHz at 0430 GMT with the inverted-Vee, but the longwire yields only QRN. ELBC on 3255 kHz is easier copy on the inverted-Vee at 0530 GMT than on the longwire.

The antenna can be fabricated for any frequency and assembled for \$55 by W9INN.

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NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: Yaesu FRG-7 in mint condition. Good solid rig. \$180.00 plus shipping or will consider trade for good portable with BFO and digital readout or Hammarlund HQ-180 or 200 SX in good workable condition. Terry Kelly, 1138 Emily Avenue, Rohnert Park, CA 94928. Phone (707) 585-3037 Tues.-Fri. after 12 noon, Sat.-Mon. anytime until 10pm PST.

FOR SALE: Dymek DA-100 antenna. Like new. Cost \$190.00 new, price now \$80.00. ALSO: Drake R4-B receiver with 4 SW crystals. Like new. Price \$150.00. Also looking for Galaxy R-530 parts. Stanley Cabral, 2254 62 Avenue, Oakland, CA 94605. Phone (415) 562-2486.

FOR SALE: Sony ICF-6700W, \$150.00. Customized Beam Headings (from/to) and Distances (Mi/Km) to over 355 WRTH transmitter sites. Useful in picking alternate transmissions and selecting listening times based on distances. ITU Country Codes included. Send your location/coordinates. Price \$5.85. FRENDX complete '84 or '85, \$5.00 each. WRTH '85, \$6.00. All items include shipping. Cashiers check or money order, please. Al Drehmann, Route 2, Box 3-B, Tryon, NC 28782. Phone (704) 894-3398.

FOR SALE: "National Anthems of the World" on cassette. Played by the Vienna State Opera Orchestra, \$5.00. "Harp Music of the Andes," long playing records, \$5.00 each. Please add \$1.50 for shipping. I also have available QSL albums that hold 136 cards of up to European-size cards at \$17.50 each postage paid. Franz Schwartz, Jr., 414 Sabra Drive, Wilmington, NC 28405.

NOTICE: NASWA member William V. Fogler is interested in meeting with other members in the St. Louis, MO area. Please write to Bill at 11822 Kramper Lane, St. Louis, MO 63128.

NOTICE: NASWA member Mike Magick would like to contact NASWA members in Arizona. Please write to Mike at 15245 North 53rd Drive, Glendale, AZ 85306.



[We had to close LN a bit early this month; should be back to usual length or more, next month. -gh]

# Listeners Notebook

PROPER CREDIT advisory: See previous issues

## GLENN HAUSER, P.O. Box 490756, Fort Lauderdale, FL 33349

A U S T R A L I A RA Talkback reported 13/9: RA'll soon have a new xmtr site. For some 5 yrs now, RA's been trying to establish a SW xmtr site at Brandon, 90 km S [sic] of Townsville in northern Qsld, to serve PNG & Solomons. After waiting 5 yrs, funds were made available in this year's budget and the work has already started. To help establish the site, a few days ago three of the 10 kW AM xmtrs [sic--AM on SW they mean] at Lyndhurst, Vic were removed and are now on their way by truck to Brandon. As the xmtr site itself self-supporting masts are being erected and the three ants should arrive in next few months. Should be operational by mid-to-late part of next year (WBI 26/9)

The Australian Radio DX Club does not now have any segments w/in RA's Talkback pgm--terminated without official explanation a year ago supposedly to emphasize DX nx from individuals rather than clubs--but since then they have pre-terminated DX reports in conjunction w/other clubs. ARDXC does have a segment w/in "DX Time" on the Japanese svc 1040-11 on S86 fqs 11800 and 9710 (Oct ADXN)

B E L G I U M RTBF Radio Four International, Brussels, of the French-speaking community, mainly consisting of DS relays w/ES pgm output restricted to feature pgms not amounting to just under 19 h a week [sic]. All targets Eu and/or Af. 0430-0615 M-F 11660 9900 incl overseas svc msgs 0505-0530. 05-0530 Sat 11660 9900 for seamen. 0530-0615 Sat/Sun 11660 9900. 0630-0730 M-F 17580 15540. 0630-1045 Sat/Sun 17580 15540. 11-1130 17680 7150. 1130-1145 German 17680 & 7150. 1145-1300 17680 7150 incl Seamen pgm Sat 1230-13, DX pgm Sun 1230-13. 1300-1600 Sun 17675 7150. 16-1645 daily incl svc for Belgians abroad Mon-Sat 17675 7150. 1700-1900 11660 9900 incl Seamen Sun 17-1730, Missionaries pgm Tue/Thu 1830-19, DX pgm Fri 1830-19. 19-2110 Sun/Wed/Sat 11660 9900 incl Seamen Sat 2030-21 (WBI 3/10)

B R A Z I L Effective 1 Dec 1986 at 0300 UTC a new fq plan is proposed for Braz HF xmtrs, operating in the allocated 31 m band. 9505 7.5 kW R Record, São Paulo SP. 9520 5 R Itatiaia, Belo Horizonte MG (CP). 9530 5 R Cultura, Foz de Iguacu PR (CP). 9540 10 R Educadora, Salvador BA ex-9515. 9550 5 R Pampa, Porto Alegre RS ex-9520. 9565 20 R Universo, Curitiba PR ex-9545 ex-7½ kW. 9585 10 R Excelsior São Paulo SP. 9600 7.5 R MEC Rio de Janeiro ex-9770. 9615 7.5 R Cultura, São Paulo SP ex-9745. 9630 10 R Aparecida, Aparecida SP ex-9635. 9645 7.5 R Bandeirantes, São Paulo SP. 9665 10 R Marumbi, Florianópolis SC. 9685 7.5 R Gazeta, São Paulo SP. 9695 7.5 R Rio Mar, Manaus AM. 9705 7.5 R Nacional, Rio. 9715 15 R Jornal do Comércio, Recife PE ex-9565. 9725 7.5 R Clube Paranaense, Curitiba PA ex-9735. 9735 10 R Cultura da Bahia, Salvador BA ex-9595 (Antônio Ribeiro da Motta, DSWCI via Oct ADXN)

O Globo, Rio reported 13/9: Comms Minister Antônio Carlos Magalhães, has suspended for 10 days from 12/9 the TV Ribamar stn in São Luis do Maranhão, owned by Fedl Deputy Raimundo Vieira da Silva, Social Democratic Party. TV stn charged w/offending Pres José Sarney, his family and Fedl Govt authorities. Magalhães made it clear the govt doesn't seek to make obstacles for being freedom. Comms Min says govt in no way'll permit practices of distortions or personal offences. Pledged to stop all abuses and punish all bcers adopting such behaviour. Suspension in accordance w/Braz Telecomms code article 53, forbidden to slander, insult or defame the executive, legislative and judicial branches and their respective members. (WBI 26/9) So much for freedom of the press to criticise public officials in Brazil; hope this doesn't give the Ronnie Reagan Regime any more ideas.... (gh)

B U L G A R I A Sofia on new 7230, SP to Eu 2045-2100\*, QRM Iran co-ch 26/9;

also found w/Sunday Turkish pgm arnd 0715-0730 long-path, G 28/9 (Bob Padula)

C A N A D A The first airing of RCI SWL Digest, to Eu has appeared since first week in Oct at 2116, over just in time for the Af repeat at 2138. If plans ancd last summer are followed, the UTC Sun 0307 bc, which becomes 0407 at end of DST, will no longer carry SWLD, and the UTC Sun 0007 moves to 0107; no change in Sun 2308 to Carib. While 'Forum' takes a break it is expected that DX news reports will be on every week of the month for a while (gh)

The 10 watt xmtr at Vancouver CKFX which relays CKWX continues to operate on this low power on 6080. Per CE Jack Wiebe stn used a V beam in 1940 when I first verified the stn, then in 1956 it was a 2-element quarter-wave vertical, and in 1979 they changed to a straight quarter-wave omni vertical. Originally stn was beaming pgmmes NW to cover the small fishing villages on the coast. There is little practical purpose left for CKFX other than to serve DXers. Xmtr dates back to the 1940s and the future of the stn could be reviewed next year (Arthur Cushen, MBE, NZ, NZ DX Times Sept)

C H I N A Analysis of the D86 THFBS reveals following sites listed for ES from R Beijing: Baoding (near Beijing) 125.44 E / 38.39 N. 20 registrations of either 120 or 240 kW. Beijing--powers range from 50, 120, 240 kW for ES & HS. Jinhua, nr Wenzhou; 119.30 E / 28.07 N. With 500 kW, allocations for D86 include 9535 9550 9720 11940 15225 15405 in periods 11-21, 23-24, 03-05. Allocations overlap, suggesting one xmtr only. Kunming, 120, 15, 50 kW xmtrs, w/the ES on 120; many fqs listed. Shijiazhuong (near Beijing) 105.42 E / 34.33 N, 50 & 500 kW; 500 kW sked on 7260 9550 6135 9730 at various times. 50 kW sked on 5965 5990 6110 6125 7235 9630 9715 all to China. Xian 150 & 300 kW listed for ES, many fqs. 15 kW for 6175 in HS 10-14, 0030-09. I feel that Jinhua and Shijiazhuong are recently new facilities. In-band allocations correspond closely w/actual fq usage, for both ES & regional svcs (Bob Padula, Vic, 19/9)

Urumqi, 7050, Uighur svc, rather strong w/lcl nx arnd 2220-2225 30/8 (Padula)  
Xinhua nx agcy, Beijing reported 16/9: Shanghai's TV stn'll begin bcng a nx pgmme in EG 20/9, first ever of itskind in China, an offl of stn said today. New svc'll bc 10-15 mins of intl & lcl nx in EG daily, to meet needs of forn tourists and residents, and to give Chinese people chance to practice EG. Shanghai People's R Stn has added a daily EG lcl nx and wx forecast pgmme beginning 15/9. Both the TV and radio bcs'll be available in Shanghai only (WBI 26/9)

Zhongguo Xinwen She nx agcy, Hong Kong, reported 26/9 from Shanghai: Shanghai TV stn'll begin bcng a regular daily EG nx pgm 1/10 [sic--BBCMS [sic--gh]] In recent yrs, number of offices set up by forn industrial & trade institutions in Shanghai and the number of forn students, experts and tourists have increased sharply and there is a growing demand for a TV nx pgmme bc in EG. EG nx of Shanghai TV stn designed mainly for these people. Contents selected from interesting items on Chinese nx. EG'll be at 1430 UTC on ch 20 and'll last 10-15 min. Shanghai TV now planning to extend bc time of EG nx and may set up a ch specialising in bcng EG pgmmes in 2nd half of next year (WBI 3/10)

C U B A Cuban TV reported 18/9: Comms Ministry is conducting a remarkable investment pgm in Guantánamo Province to eliminate gaps in Radio & TV coverage and block interference from forn stns. Next month, a new radio xmtr is expected to begin operating in Maisí for CMKS prov stn and power'll be incr'd in Baracoa w/new eqp to be used also by the Gitmo net. In areas called Santa María and Nibujón, nr Guantánamo city, which cannot view TV xmsns, a TV relay'll be installed. This'll give the citizens access to that modern life convenience. To continue providing this svc to the Gitmo countryside, 4 new relay towers'll be installed in Sabaneta, El Salvador municipality, Bernardo in Yateras and Cantillo in Maisí in 1987. There are also plans to install two xmtrs for R Progreso and Rebelde in Gitmo City and another one in San Antonio del Sur for CMKS, the anti-imperialist trench. About 35% of the most eastern prov of the country is considered a 'zone of silence' in radio or TV xmsns. Work is being conducted to reduce it as much as possible. The geographical location of municipalities [better xlted townships] such as Maisí, Baracoa and Imías make them extremely vulnerable to interference from forn bcs, esp from Carib (WBI 26/9)

R Havana Cuba SP svc: \*2200 on 11970 11815 11760 11725 9770 9730 9550 6060. 2300 drop 11725. 0140 on 11970 11815 9730 6060. 0200 add 5955. 0300 subtract 5955, remaining on previous 4 to 0600\* 09-11 on 6090. \*1100 on 15300 11760 11725 9770 9730 9550. 1600 drop 9s. 1635 fq change [but no change shown...].

1800-2040 15300 11725. Besides nx almost every half hour, sometimes at :25, there is Nx Review daily 00-0040, 1105-1230; The Week in Cuba: Mon 1325-1328 & 1830-1853. All the above to the Ams; rest of ES incl SP to elsewhere:

00-01 Quechua 11725. 00-02 EG Am 9740 6090. 01-0245 PT Am 11725. 02-04 EG Am 9740 6140 6120. 03-04 Creole 5965. 03-04 FR 5955. 04-0450 EG 9740 6140 6120 6090 5965 5955. 0450-06 EG 9740 6120 6090 5965 5955. 06-08 EG 9525. 0630-0730 SP Eu/ME/Af 9730, 0730-0830 PT, 0830-0930 same. 09-1045 PT 9550. 0930-1040 SP Eu/ME/Af 9730. 10-1050 Quechua 9655. 11-12 Creole 6060. 15-16 AR & 16-17 FR Eu/ME/Af 9715. 1630-1730 AR Eu/ME/Af 11950 9730. 17-18 EG Eu/ME/Af 15295 [Soviet relays incl and this is probably one]. 18-20 SP Eu/ME/Af 11950 9730 9715 9550. 1830-20 EG Eu/ME/Af 11795. 20-21 PT Eu/ME/Af 9715 9550. 20-2140 FR Eu/ME/Af 11950 11795 9730. 2040-2140 EG Am 15300 11725. 21-22 FR Eu/ME/Af 9700 7150, 22-23 EG Eu/ME/Af 7150 [Soviets]. 23-24 Guarani 11725 (WBI 26/9)

E C U A D O R ARDXC segment in the "Australian DX Report" hrd w/in DX Party Line, first Weds of every month; S86 fqs: SPac 0930-10 6130 9745 11925, Eu 2130-22 17790 15270; NAM 0230-03 6230 9870, 0630-07 9870 6230 11910; produced by Richard Jary (Oct ADXN)

G U A M ARDXC segment is "DX Newline" w/in "Distant Listeners Log" on KTWR, first Sat of month, 0830-0845 & 1330-1345; S86 fqs 11735 and 9870 resp, compiled & produced by Bob Padula (Oct ADXN)

KTWR D86 tentative: The two on 7 MHz are 50 kW, rest 100 kW. 7140 1445-15 30 320°. 7355 1245-15 320. 9515 2145-23 248. 9530 1045-13 345. 9535 1245-15 293. 9585 0845-11 320. 9590 1045-1215 308. 9590 12-13 293. 9720 2045-22 350. 9820 0845-0930 315, 0915-10 345, 0945-11 345, 1045-13 285, 1245-15 285, 2115-22 308, 22-23 285. 9870 1045-13 320, 1245-1415 285, 14-1445 285. 11715 2245-2330 315. 11735 0845-11 285. 11805 0845-0930 293, 11850 2145-2330 305. 15115 07-0730 165 (via George Jacobs) Note the overlaps on the 9 MHz OOBs-- perhaps to cover different target areas depending on day of the week (gh)

H O N D U R A S Monitoring research 15-17 Sept: a new stn, IDing as Sani R, monitored on 4755, 12-16 & 22-02, and it is a new concept in radio, 10 kW from Puerto Lempira, Gracias a Dios dept, Honduras; owned by Intl Rescue Committee, sponsored by Intl Development Agency, AID. Most pgmms in SP & Miskito; call-sign HRR1 (WBI 26/9) ? Wonder why the BBCMS so late in reporting this compared to DX publications in NAM; this almost reads like a generalized rewrite (gh)

I S R A E L New interval sig noted by IBA at 0400 in EG on 9435 (Arthur T Cushen, NZ, Sept NZ DX Times) Now at 0500, of course, tho SCDX bc 30/9 claimed this is now at 0700 (gh)

J A P A N R Japan relay via RCI Sackville effective 26/10/86 to 5/4/87 during winter time period in ENAm: 1130-12 EG, 12-1230 JP on 6120. EG pgms are: daily 1130 Nx, 1140 Comtry. 1145: Sun DX Corner, Mon Japan Travelogue & 1155 Nihongo News Digest, Tue Asia Now, Wed R Japan Journal, Thu Asia Now, Fri One in a Hundred Million, Sat Let's Practice Japanese (via Richard Lemke, St Albert, Alta) This began 1/10 as sked an hour earlier at 1030-1130, EG in 2nd half. Severe het from Zinica 6120.7 or so whenever it's on which is usually every day exc Sunday. What a waste--wonder if they'll ever move to one of several clear 49m tqs at this hour or stick to it no matter what (gh)

L E B A N O N Monitoring 20/9: R Free & Unified Lebanon, being from Ihdin, on 585 ex-1310 kHz 20/9; also hrd on 98.3 MHz FM (WBI 26/9)

R Lebanon, govt stn, reported 27/9: Security sources point out that the V of Lebanon's new bldg was occupied at 0820 today while fierce fighting continues arnd the old radio bldg in Sasin Square. Most violent clashes are going on in al-Ashrafiyah, al-Ju'aytaqi and al-Sayfi, where Phalangist Party's central HQ is located. V of Natl Resistance, pro-Amal radio reported 6½ hours later 27/9: Fighting has been going on arnd new bldg of VOL since 1330. Hubayqay's men are said to have taken control of it twice, but pro-Ja'ja' forces managed to recapture it both times. Fighting still taking place in bldg from floor to floor. Per earlier reports from the east, pitched battles continue to range [sic] arnd the VOL studios in Sasin Sq. V of Lebanon [itself], Phalangist, reported 27/6 two and three quarters hours later at 1615: Dr Samir Ja'Ja' visited the VOL bldg this eve and ancd: we have cleansed East Beirut. And same

stn reported 28/9 0515: the attackers planned to occupy the VOL stn on Sasin St 27/9 to bc their first c/qué. They were sked to air their declaration at 1200. But when gunmen entered radio's new bldg, they were surprised to find it unoccupied. They were then forced to withdraw following an attack launched by the Leb forces (WBI 3/10)

Monitoring 25/9: V of the Mountain, stn controlled by the Progressive Socialist Party of Leb u/ the Druze leader Walid Jumblatt, ancd 24/9 that its pgmms betw 21 & 24 local'd also be carried on 6052 kHz, 49.5 m SW. VOM was later obs on 24/9 on 6052.5 // MW 1080 1830-20 UTC apx, but audibility was too poor to establish exact times. 1984, VOM ancd 'tent bcs to cover whole world' and tests started on 6305 29/11/84; not thot to have lasted very long (WBI 3/10)

R of Islam, the Voice of the Oppressed (Arabic: Idha'at al-Islam, Sawt al-Mustad'afin) first hrd in progress 14/1/86; supports the Shi'ite Hezbollah Org. Now sked in AR 0415-0650 & 11-1530 on 1008 kHz; one hour earlier in summer. Nx at 0445, 0545, 0645, 1145, 1245, 1345, 1445; press rev 1150-1205 (WBI 3/10)

L I B E R I A Final D86 sked for ELWA: 3230 0610-0802 Sun, 1805-2202/2222 Waf 10 kW. 4760 0555 (Sun 0655)-0802 (Fri 0817, Sat/Sun 0832) & 1725-2230 10 kW EG to Lib. 6070 0825 (Sat/Sun)-1200 (Sat) 1757 (Sun), 1555-1757 weekdays, 1810-2002 (1947 Fri & Sun) in EG/ FR/ Waf langs, 10/50 kW. 9550 1210-1317 FR/Waf langs 50 kW. 11830 0755-0847 Sat, 0655-0903 Sun, 1255-2135 Sun, 1555-2135 weekdays, 1658-2135 Sat, 50 kW EG/FR/Waf langs. 11860 2015-2116 50 kW AR. 11955 0645-0815 50 kW AR (direct via Bob Padula, Oct ADXN)

Liberian BCing System reported 19/9: Info Min Dr Momolu Getaweh has urged Bong County citizens to put aside individual differences and rally arnd leaders to work hard for prosperity of country. Dr Getaweh made remark when he delivered keynote addr at inaug of Liberian Rural Comms Net (LRCN) in Gbarnc, Bong County, 19/9. Called on all Libs to close ranx and support Pres Doe to improve socio-economic condx of all. Min Getaweh commended US govt for assistance to implement LRCN and all areas of development since 1980. Earlier, Project Dir urged citizens of Bong to ensure that the stn remain funxional. Bong County 9) House member Rep Solome Hall later cut the ribbon and declared stn open (WBI 3/10)

L I B Y A Monitoring 20-23 Sept. V of the Greater Arab Homeland, ES in AR from Tripoli, found on 10000 kHz at 1645 20/9; also hrd at 1600 23/9, 21/9, 22/9, 23/9 Tripoli obs at various times betw 10 & 16 on 14000, and 22/9 after 1800 on 9000. Xmsn is USB, // regular fqs such as 17895 15415 15235 9600 1251 (WBI 26/9)

Monitoring 23/9 - 1/10: USB on 9, 10 and 14 MHz w/Lib radio DS & VOTGAH ES continue, rough sked: 10-16 14000, 16-18 10000, 18-20 9000. Xmsns somewhat intermittent and variable in duration. USB 13300 also detected 0625 25/9 w/DS, also hrd 1/10 in progress at 0905-0927; again // 14000 at 1015 (WBI 3/10)

M A L A W I MBC, Blantyre, on 5995, MW & VHF FM at 0255-2210, in EG & CH, incl EG nx: 05=exc Sun 06, M-F 1030/Sat-Sun 11; daily 1800; + addl 2-min summaries at various other hourtops; EG commentary M/W/F 1610. HF usage is subject to season variations; available are 20/100 kW on 7130, 5995, 3380 (WBI 3/10)

M O N A C O TWR now uses 7105 for EG Eu 0625-0840; Sat to 0925, Sun 1000; no longer uses 9495. EG also 18-1830 on new 11635; Two more new fqs are: 5920 for Albanian Wed-Fri 0328-0343; 5955 FR 1045-11 (Sun 1115) (Robert Chester, RA JP DX Time 5/10)

N I G E R I A R Nigeria reported 17/9: ES of FRCN, VON will Sat 20/9 commence bc of UN nx pgmms, produced in NY by NY Institute of Publ Info, in EG, FR, AR, SH; following agmt betw FRCN & UN. At a news conf in Lagos, Corp Dir-Gen Alhaji Dahiru Modibo said this was in realisation of importance of UN to Nigeria and rest of 3rd World countries. Said with time the pgmms'd be carried in FRCN HS for domestic consumption Chief of Info Sexion of UN Radio (?Mrs Techira Kondje) expressed gratitude to FRCN and the Fedl Govt for the offer, generous. Said came at a time when the org itself was grappling w/financial probs. Said UNR was satisfied w/assn w/VON because of its hi std of professionalism. Agmt, which carries no financial commitments, has indefinite life (WBI 26/9)

R Nigeria Lagos reported 24/9: Fedl govt has approved spl grant of 7.74 meganaira for FRCN to rehab xmtrs and other facilities. Dir Gen to the Corp, Modibo said 24/9 that it'd be used to import spareparts to improve svcs. Was briefing Minfo/Culture Prince Tony Momoh, who was on a working visit to the bcng house.

More than half of the Corp's 50 xmtrs have broken down while those still functioning op at very low capacity. Five main xmtrs of ES have all shut down due to lack of spare parts while educ svc's xmtrs have been off air for nearly two years. Dir-Gen said FRCN as presently constituted has tremendous potential which had not been exploited. If Corp had been given the necessary facilities and the intentions of the FRCN become correctly understood and applied, it'd've'd greater impact by now than it had been able to achieve. Per Dir-Gen, ea of the 15 Nig-lang svcs and the four EG svcs in the zones would have opd for 18-20 h a day. Malam Modibo said Corp's priority req for next development plan was to (?rehab) existing stns and provide more (?performing) capacities for both Enugu and Ibadan to bring them up to the level of Kaduna (WBI 3/10) You sure know how to pick'em, UNR (gh)

PHILIPPINES Besides the new 100 kW xmtr of FEBC at Iba there is another old 100 kW one there, on a limited sked because it is so old, experiencing tech problems: 2230-2330 9690 Indo, 11860 12-1230 Javanese, 1230-1330 Indo.

Per anmts, changes for FEBC in EG ex-15445 at 23-02; now 23-24 15430, 00-02 15440 (Robert Chester, RA JP DX Time 5/10)

ARDXC segment w/in "DX Dial" pgmme, over FEBC Manila, generally w/in pgm bc over the first weekend: S86 fqs: Sat 23-2359 15445, Sats 01-02 15445, Mons 00-01 15445, Tues 1340-14 11850; host: Alok das Gupta. ARDXC QSL cards are available for correct reports for this or any of the other ARDXC segments [see AUSTRALIA, ECUADOR, GUAM]. Two IRCs should be enclosed for airmail outside Au; two 36c stamps w/in Au. Only one QSL is avl for any given fqs--duplicate QSLs for previously veried fqs will not be issued. Forward to: ARDXC, P O Box 227, Box Hill Vic 3128, Australia (Bob Padula, Oct ADXN)

S A I P A N The contract w/Christian Science Monitor for sale of KYOI has not yet been completed. Lawrence Berger indicates that arnd \$20,000 was received in the appeal to keep the stn operating, and in recent months there'd been many reception reports from PNG (Arthur Cushen, Sept NZ DX Times)

KYOI D86: 18-19 9665, 19-22 9670 (alt for both: 9830), 22-03 15405, 03-10 15190, 10-16 11900. All 3400 w/100 kW (George Jacobs, MD)

KFBS D86; 50 kW on 5, 6, and 7 MHz; 100 kW on rest; tentative. 5985 21-22 3120. 5990 11-16 305. 6145 21-22 305. 7365 15-16 312, 16-20 323. 9575 11-12 312, 13-14 312. 9620 09-11 341. 9670 14-15 312. 9675 12-13 312. 9680 0730-09 341. 9750 1230-13 260. 9750 13-1430 278. 11705 22-23 242, 23-24 278. 11790 22-24 312. 11865 22-23 305. 11915 08-11 312. 15130 00-01 276. 15325 05-08 312. 15375 10-1230 242. 17745 01-03 276 (George Jacobs, MD)

S R I L A N K A AWR-Southern Asia pgms via SLBC are: EG Your Story Hour 0330-04 6005 9720 15425 Sun. V of Prophecy 1430-15 6075 9720 15425 Sun. Quiet Hour 1330-14 6075 9720 15425 Fri. Radio Doctor 1330-1345 [remember that from R Free Grenada? gh] 4940 6075 9720 15425 Sat. Kannada 08-0815. Tamil 1130-45, Telugu 0930-0945, Malayalam 1030-1045 all on 7190 11800 Suns. Hindi 1615-17 on 7190 11800 Thurs. Addr: AWR-Southern Asia, Box 15, Poona/Pune 411 001, India (stn via Mick Ogrizek, Oct ADXN)

S U R I N A M Shouldn't be a difficult catch in ENAm, as its 350 watts is a famous propagator here! No question as to ID: R Apintie, hrd at 0905 t/in 6/10, church svc in DT, 0915 ID in DT was not for Apintie--maybe a pgm ID, then covered totally by severe ute here; Fq is 5006. But at 0923 a distinct R A-pin-dee ID, followed by M in DT. SINPO when ute not on 44343+; when ute on 00000!--can't even tune carrier (Maxfield Greenwood, Sedgwick ME)

T A I W A N Family R relay on 9470 ex-9465, 30/8 2305 EG// 9930 (Padula, Vic)

U S A WORLD OF RADIO now one hour later by UTC to stay at same local time in NAM, i.e. Fri 2030 UTC on KCBI 11735, Sat 0400 on WRNO 6185, Sun 0030 on WRNO 7355 (possibly sometimes earlier or pre-empted due to sports), Sun 1400 on WRNO 9715, Sun 1830 on KCBI 11735; alternate KCBI fq: 11790 (gh)

KGEI tentative D86: 6010 0930-12 3110 250 kW, maximum range 11.8 Mm. 6095 12-14 341 250. 6150 14-15 011 250. 7365 02-06 011 250. 9615 03-16 126 50. 9635 02-03 126 50. 15280 2130-02 126 50.

KVOH Rancho Simi CA operational sked D86, 50 kW, 1000: 6005 06-08, 9852.5 14-16, 9852.5 03-06, 11930 00-03, 15120 22-24. 17775 16-22.

WINB tent D86: 15145 2245-2345 62° to a distance of 6840 km, same on 15185 20-2245 & 15295 16-20. On 15145 at 2345-0330 160° to 5210 km; all 50 kW (via George Jacobs, Silver Spring MD) I usually omit the kilometric distances in these FCC-registered skeds; they are usually a wide minimum/maximum range, but in this case they are computed to one distance only, which turn out to be: somewhere in the Mediterranean between Sicily and Balearic Islands; and Manaus, Brazil. We may assume that WINB reception is terrific at these loactions, if nowhere else.... (gh)

RNMN reported 25/9: Surprising nx from Washington DC 18/9: Just eleven mos after launch in Oct 85, VOA-Europe is to be switched off by yearend; started as spl EG pgm made in Wash, aimed at 18-35 yr old age group in WEu. Had completely diff approach to tradl EG from VOA; from start, effort to interest lcl stns & cablesys across Eu in carrying the pgmms from a free satl feed, rather than SWBC. VOA surveys said those'd only reach about 1% of younger popl in WEu. VOA-Eu Dir Frank Scott then explained the closure is due to Gramm-Rudman bill and part of genl cost-cutting in USA. Saving 3.4 to 3.3 megabux. Unsure if Eu stns currently carrying VOA-Eu will lose sig at yearend--trying to find way to provide EG pgms from other stockpile on SW svc (WBI 3/10) Probably more to this than meets the eye. If VOA-Eu so successful in EG, why has the reason also been given in press reports that there was not enough money to expand to other WEu langs? (gh)

U S S R Monitoring 28-29 Sept: R Moscow has reorganised French svcs from 28/9; R Moscow Intl now on air for an extra hour morns, making it 05-08. Evenings, regional FR svcs changed to 1-hour xmsns, 1700 Maghreb, 18 France & Belgium, 19 Africa. RMI svc itself now runs separately but simultaneously in five 1-hr blox 17-22; previously, RMI had stopped for two half-hour periods while the 3 regional svcs were on. Total daily output in FR from RM has risen from 7 to 11 hours (WBI 3/10)

V E N E Z U E L A Monitoring in Sept: R Nacional de Venezuela, Caracas is currently obs bcng in SP on 5020 10-04 weekdays, 24h Sat & Sun. Ancs this fq list: 630 & 1050 metro area, 770 Carabobo, 1500 C/W region, 1310 E region, 1120 Plains. Nx every half hour 13-01 w/major nx bulletins 1130-12, 1630-17, 2230-23 (WBI 26/9)

Z I M B A B W E SAPA nx agcy, Jo'burg reported 23/9 from Harare: A radio & TV xmtr has been installed at the southern border town of Beitbridge u/a govt resolve to shield all bordering and remote areas from the SABC, the Senate hrd here today 23/9, the semi-offl nx agcy ZIANA reports. Deputy MInfo/Posts/Telecomms Dr Naomi Nhwatwa, responding to points raised by Senators during debate on the pres speech, said xmtr was funxioning 'well' and that other areas'd be provided for during the 1987/88 financial year. "All remote areas should be able to pick up ZBC R&TV, and work in this direxion is already under way," she said, stressing that SABC propaganda was creating a situation which could not be tolerated. Deputy Min said it was imperative from political, economic and security points of view for Zimbabwe to dissociate itself from South Africa, hence the establishment of an intl comms net. Said process of 'de-linking' had proved successful thru the opns of the Amzoe earth satl stn and the Panaf-tel linx w/Botswana & Zambia. "Now that we are completing work on the external net our attn is focused on the domestic one," she said (WBI 3/10) Jammer?

**CLANDESTINE CRANNY** V of the Resistance of the Black Cocker-el Monitoring 24/9 & 28/9: stn controlled by UNITA u/leadership of Jonas Savimbi, continues to bc morn xman to 0530\* on 4973; start time 24/9 was 0330, while 28/9 it was 0415. In PT & Angolan verns. Test xmsns on other fqs not hrd since last reported 18/7 (WBI 3/10)

Radio SPLA Monitoring 25-29 Sept. Radio SPLA, stn controlled by the Sudan People's Libn Army and Movement u/leadership of John Garang, found to be bcng on 9530 rather than usual 9705; on latter fq 25/9 another stn instead--usual mlitary tune which precedes R SPLA svc but material it carried in AR was hostile to John Garang. Pgmme addrd self "to the People's Armed Forces," praised the coop between Sudan & Uganda and decried support for John Garang from Cuba and Ethiopia. Next day, 26/9, the anti-Garang radio hrd not on 9705, but on 9530 following the R SPLA 13-14 xmsn in EG & AR. It bc, in Sudanese verns and AR, much the same material as the previous day on 9705. 27/9, R SPLA hrd to start

up at 1300 on 9530; w/in a minute it'd been obliterated by a loud tone. Three minutes or so later, being AR hrd over the top of R SPLA. Both stns unintelligible until R SPLA closed down about 1400, leaving remaining stn to announce itself in AR when it c/d at 1407 as pgmmme beamed "to the People's Armed Forces" and prepared by the "Moral Guidance Branch". Only R SPLA hrd on 9530 28/9, but on 29/9 both stns clashed in a similar manner to that of 27/9 (WBI 3/10)

Pro-Ali Nasir Muhammad radio Monitoring 22/9: Tho there've been reports since 13/1/86 coup in the PDR Yemen that a radio stn operating in support of the deposed Pres Ali Nasir Muhammad was in existence, it'd until now not been confirmed by BBC. However on 22/9 a stn in AR hrd between 14 & 18 apx on 1114 kHz. Audibility so poor that it wasn't until 1750 apx that it began to be possible to hear odd phrases indicating it was in support of Muhammad. The most significant of these phrases was a ref to "(?the role) of the militant brother Ali Nasir Muhammad, the Secy General". Other refs incl: "The revolution of our country"; "abortive attempts to erase the truth"; "the conspiracy whose threads began to be woven before the outbreak of the events of the 13th [January]"; "the conflict between two opposing stands in the ranks of our party"; "with (? artillery) and tanks in a brutal and savage manner". The stn hrd until 1800; no ID, opening or closing anmts hrd (WBI 3/10)

V of the Islamic Revolution in Iraq Monitoring 19/9: stn IDing as this intercepted in progress at 0210 on 7190. Nx in AR hrd until 0230 when stn was lost u/severe interference (WBI 26/9)

R Miskut First hrd 20/1/83; describes self as a new voice against atheist communism. Hostile to Nic govt and claims to bc from somewhere in Nic. Tho most pgmmes are in Miskito, R Miskut also carries items in EG & SP. Sked 0130-0230 1130-1230, 21-22 on 5565 (WBI 26/9)

I N M Y O P I N I O N Comments on SWLing in South Korea [Re an article about 'suspicious persons' listening to shortwave]  
Not having read the complete article I am somewhat handicapped, but it seems to me that the type of listening to radio late at night has nothing to do with SWLing we are familiar with. Rather they are likely referring to people who w'd listen to spy number stns from N Korea or the like. Secondly, there are quite a few SWLers in ROK, but maybe not the proportion as in other countries. After all when there are domestic bcs available on MW or FM, how many people'd go out of their way to buy a luxury item like a SW receiver? Even in the US with its relatively high per capita income there is a low proportion of SWLers. There are many countries with a higher proportion of SWLers than the US. Is this because the US govt discourages SWLing?? No!! The main reason is similar to why S Koreans do not listen to SW either. There are an adequate number of bcs to listen to on MW and FM, so why bother with SW? The only restriction of SWLing in ROK that I know of is a prohibition against listening to bcs from N Korea. In reality, the only people in ROK that'd be interested in listening to NK bcs are probably suspicious even w/out such a law, because the pgming is so insipid !!! Given my background as a US citizen, I find the fact that the ROK govt w'd put such a restriction to be objectionable. However, S Korea is in a situation where there is a potential enemy that could possibly attack them any time, located right on their border. And this influences many of the things that go on in the ROK. This is not a defense of the ROKG, but rather an explanation. If a citizen of ROK had the interest and the money he could go out and buy a SW radio w/out fear of the ROKG as long as he did not listen to the NK bcs. And he probably wouldn't want to do so anyway (Bill Harms, FRG)

**PUBLICATIONS** DX LISTENING DIGEST Has new subscription rates, effective Oct. 1, 1986: By first class in North America, US\$20 for 10 issues; sample \$2. By AO airmail overseas: US\$25 to Caribbean, Central America, northern South America; US\$27 to rest of South America, Europe, North Africa. US\$29 to rest of Africa, USSR, Asia, Pacific; samples \$2.75 or 7 IRCs. DXLD is similar to LN in format, but with hardly any duplication of material; plus ENJOYING RADIO. Order from Glenn Hauser, Box 490756, Ft Lauderdale, FL 33349. US\$ on a US bank, or US\$ postal money order. 40 pp ea.

REVIEW OF INTERNATIONAL BROADCASTING concentrating on programming rather than DX news, also has exactly the same new rates as DXLD above; same address (gh)





**COLOMBIA:** Radiodifusora Nacional de Colombia 15333 f/d prepared cd. w/ p/d personal ltr. in 6 wks. for an 81 rpt. in SP. pennant and program booklet rcvd. v/s Jaime Horta Diaz, Director. (Palmerheim).  
**COSTA RICA:** Adventist World Radio via Radio Lira Internacional 15460 f/d "Antenna" cd. in 24 ds. for 2 IRCs. v/s David Gregory, Manager/Chief Engineer. (Allen). Radio Real 4832 f/d cd. in 15 ds. (Waylonis-PA).  
**CZECHOSLOVAKIA:** Radio Prague 7345 f/d cd. in 47 ds. (Levison). 11990 f/d cd. in 35 ds. (Levison).  
**ECUADOR:** Radio Quito 4920 n/d cd. in 58 ds. for a SP rpt. and 2 IRCs. (Paszkiwicz).  
 for a SP rpt. and 2 IRCs. (Paszkiwicz).  
 General Director of Propagation. (Eckert-PA).

**EGYPT:** Radio Cairo f/d "Luxor Temple" cd. in 8 mo. w/ cassette of Egyptian mx. v/s Olfat Shawkat, General Director of Propagation. (Eckert-PA).

Estimado Radioescucha: *Don Ron*  
 via Ron Howard Confirmamos por medio de la presente QSL carta, que la emisora por Ud. escuchada el día 28 de Junio de 1988, entre las 01<sup>30</sup> y 08<sup>56</sup> hora de Chile, en la frecuencia de 840 / 6030 KHz. de la onda media / corta, fue efectivamente Radio SANTA MARIA de Coyhaique. Todos los datos de su INFORME DE RECEPCION son correctos.  
 Atentamente, *Antonio Sclauds*  
 Director, Radio SANTA MARIA de COYHAIQUE, Director-gerente  
 Coyhaique, 11 de Agosto de 1986.

**EUROPEAN RUSSIA:** Radio Moscow 11845 via Kazan f/d cd. in 41 ds. (Paszkiwicz). 13680 f/d cd. in 45 ds. (Renfrew). 11860 via Moscow f/d "Lenin Library" cd. in 62 ds. (Levison).  
**GERMAN DEMOCRATIC REP:** RBI 6080 f/d cd. in 35 ds. (Levison). 9620 f/d cd. in 88 ds. (Levison-PA).  
**GERMANY, FEDERAL REP. OF:** Radio Bremen 6190 f/d cd. w/ sked. in 16 ds. (Harms-FRG).  
**HONDURAS:** HRRI Sani Radio 4755 p/d personal ltr. in 34 ds. for an EG rpt. and 2 IRCs. v/s Edward A. Pfister, Project Manager for Operations. Addr: Apdo. 113, La Ceiba, Atlantida. (Allen). p/d "Map" in 2 mo. (Forst-PA). HRVC 4820 p/d cd. w/ form ltr. and pennant in 2 wks. v/s Ms. Reina Figueiroa.

cd. in 19 ds. (George-NC). p/d ltr. w/ cd. in 2 mo. (Forst-PA). HRVC 4820 p/d cd. w/ form ltr. and pennant in 2 wks. v/s Ms. Reina Figueiroa.  
**HUNGARY:** Radio Budapest 9835 f/d cd. in 27 ds. (Levison) (Palmerheim).  
**ITALY:** Adventist World Radio 6215 f/d cd. in 1 mo. for 1 IRC. v/s Sandy Hodgson, Secretary. (Cones).  
**JAPAN:** Radio Japan 9645 f/d "Lion Festival" cd. in 11 ds. (Levison). f/d "Kokeshi Dolls" cd. in 19 ds. (Levison).  
**LITHUANIAN SSR:** Radio Vilnius f/d cd. in 4 mo. (Renfrew-NY).  
**MAURITIUS:** NBC 9710 f/d "Flag" cd. in 4 mo. for 2 IRCs. (Lare).  
**MEXICO:** XEQM 6105 f/d prepared cd. w/ n/d ltr. in 5 mo. for a SP rpt. on an 82 reception. v/s Roberto Dominguez A. (Palmerheim).  
**NAMIBIA:** Radio SWA 3295 f/d "Nature Park" cd. in 191 ds. w/ sticker for 2 IRCs. (McDaniel).  
**NEW ZEALAND:** Radio New Zealand 11780 f/d "Moaris Playing Rugby" cd. w/ pennant in 18 ds. for 4 IRCs. (Klein-WI).  
**NIGER:** QRIN 5020 f/d "Map" cd. w/ prepared cd. in 2 mo. for a FR rpt. and 2 IRCs. v/s Alwali. (Palmerheim).  
**PAKISTAN:** Radio Pakistan 15605 p/d cd. in 3 mo. (Eckert).  
**PAPUA NEW GUINEA:** NBC 4890 p/d cd. for Radio Central in 1 mo. (McDaniel)... You got someone else's Central cd. They got yours!...Hi.

CD 84.CE 603

QSL

via Ron Howard





**VERIFICATION SIGNERS:** Radio Poti 4965 Maria Luiza Marques da Luz. Radio Inconfidencia 15190 Marcia Gerken, Secretaria. Radio Bafoussar 4000 Messi Boniface, Technician. RRI Yogyakarta 5047 Ervina Ristani, Public Relations Secretary. CBS 11905 Lee Ming. OZRT Kinshasa 15245 Lepamabila Saye, Directeur or Amipan Mwan - A - Ngo, Assistant Technical Director. Radio Catolica Nacional 5055 Padre Cirillo Tescaroli. Radio Nacional Cruzeiro do Sul 4765 Amaro Gomez da Silva, Gerente. Radio TV Gaucha 11915 Alessandra Benatti, Technical Department. FEBC 11850 Anita Sundersingh, QSL Secretary. Radio Maya de Barillas 3325 Francisco J. Pedro, Gerente. RRI Surakarta 4931 Ny. Hastoeti Toeringsih-Seksi. RRI Jakarta 4775 M. Arsyad Subik.

**PERU:** Radio Melodia 6260 f/d "Map" cd. w/ sticker in 6 wks. for a SP rpt. (Howard-CA). Radio Santa Rosa 6045.5 n/d ltr. w/ stickers and a First Day Cover in 3 wks. for a SP rpt. and ms. v/s P. Juan Sokolich A., Director. (Howard).  
**POLAND:** Radio Polonia 7270 f/d "Xawery Dunikowski Museum" cd. in 53 ds. (Levison). 7270/7125 f/d "Sopot/Grand Hotel" cd. in 65 ds. (Levison).

**SEYCHELLES:** REBA 11865 f/d cd. in 3 mo. for 3 IRCs. (Paszkiewicz).  
**SOUTH AFRICA:** Capital Radio 3930 f/d ltr. in 5 mo. for 2 IRCs. v/s J. Van Hoogstrater, Director of Technical Services. (Orcutt-CA). p/d form ltr. in 218 ds. for 2 IRCs. v/s Iris Wheeler. (Davis).

• Radio Oranje 3215 f/d cd. in 1 mo. sticker rcvd. v/s Colin Miller. (Palmerstein). Radio Orion 3215 f/d cd. in 14 ds. (Weber-OH).

**CHINA (Taiwan):** Central Broadcasting System 6087 f/d cd. in 2 wks. for ms. v/s Lee Ming, Deputy Director. (Allen).

**TIMOR:** RRI Kupang 3385 n/d long personal ltr. in only 18 ds. for an IN rpt. v/s Daud Jusuf Maro. (Allen).

**TUNISIA:** RTVT 7255 f/d cd. w/ personal ltr. in 53 ds. for a PR rpt. and 2 IRCs. (Van Horn).

**TURKEY:** Radio Ankara 7215 f/d "Topkapı Palace" cd. w/ pennant in 51 ds. (Levison).

**UKRAINIAN SSR:** Radio Kiev 9640 f/d cd. via registered mail in 54 ds. (Levison).

**USA:** KGEI 15280 cd. in 35 ds. (Giella-TX).

**VIETNAM:** Voice of Vietnam 10040 f/d cd. in 289 ds. for 2 IRCs. (Klein).

**WEST BERLIN:** RIAS 6005 f/d "Studio" cd. in 14 ds. (Harms-FRG).

**WEST IRIAN:** RRI Sorong 4875 f/d cd. in 113 ds. for an IN rpt. and ms. v/s Ricky D. Wader. (Allen-OK).



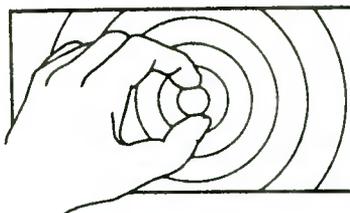
That's it for this time. This is probably the shortest QSL Column I've ever typed. Get those reports in....Best of QSLing and DX...Sam.

*Sam*

Dear Mr. Barto:

This is to acknowledge with thank receipt of your Reception Report dated December 8, 1983.

Radio NEJAT IRAN is an anti-Khomeini's regime voice, sponsored by the Front for the Liberation of Iran. We broadcast daily from 03:00 to 03:55 GMT on 9032 Khz. and from 18:30 to 19:30 GMT on 11660 Khz. The signal is beamed to Iran and it is not unusual to receive it in a place like yours.



# LOG REPORT

## section A

2000 to 4899 kHz

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

Hello and welcome to November LR-A. Hope all are enjoying the cooler weather of autumn. Onto the reports.....

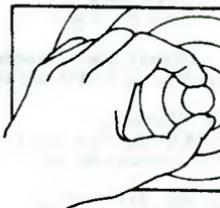
- 3300 GUATEMALA. R. Cultural. 0600-0730. SS. Lite instrumental and classical music with little talk. (5/10 Alexander)(13/9 Kashiwabara)
- 3315 ECUADOR. R. Pastaza. 0340-0404. SS. LA songs—just fair in QRN.(26/9 Tuchscherer)
- 3320 REP. SOUTH AFRICA. SABC. 0255-0320. EE. ON with news headlines prior to vocals at 0300. In past, I have noted only vern. on this HS freq.(9/9 D'Angelo)
- 3325 BRASIL. R. Liberal. 0146-0210. PP. Very strong with futebol match.(26/9 Tuchscherer)
- 3356 BOTSWANA. R.B. 0400-0416. EE/Vern. EE S/on annts by OM. //4820.(14/9 D'Angelo)
- 3385 FRENCH GUIANA. RPO. 0345-0420. FF. Mix of EZL music and light conversation, //5055 was better while overriding the Costa Rican.(14/9 D'Angelo)
- 3395 ECUADOR. R. Zaracay. 0320-0355. SS. Folk music selections.(1/10 Jordan)
- 3955 REP. SOUTH AFRICA. R. Suid-Afrika. 0350. AK. ID with music mix, nx at 0400.(19/9 Kashiwabara)
- 3980 FR.GERMANY. VOA. 0335. EE. Boxing match.(4/9 Hill)
- 3990 LIBERIA. VOA. 0405. EE. Full ID with news in FF. (19/9 Kashiwabara)
- 4000 CAMEROON. R. Bafoussam. 2235-2302. FF. Hi-life music with some lively chatter uo to S/off annts, ID, and NA. (20/9 D'Angelo)
- 4459 PERU. R. Norandina. 0227-0240. SS. Flute MX to 0230 then OM w/talk(26/9 Tuchscherer)
- 4485t USSR. UFA Bashkir. 0950. RR. Long talks by OM anncr.(26/9 Slagt)—no ID listed in log so I'll list as tentative-ed..
- 4712 BOLIVIA. R. Abaroa. 0250-0415. SS. Heard several night's with music variety, drifts from 4710-4712.4(Several/Tuchscherer)
- 4755 HONDURAS. HRRI Sani Radio. 0255-0345. SS. Many logs, all with talk by staff members and general news and information in SS.(20/8 Hill);(27/9 Dillon);(15/9 Paszkiewicz) and last but not least(15/9 Alexander)
- 4760 LIBERIA. ELWA. 0558-0602. EE. IS/opening annts and into local news at 0600.(13/9 Alexander)
- 4762 PERU. R. Inca. 0510. SS. Andean music, echos.(11/9 Kashiwabara)
- 4775t PERU. R. Tarma. 0125-0200. SS. Lively LA music, spor ID's.(14/9 Jordan)
- 4783 DIPOUTI. RTVD. 0657. FF/Vern. ID and news at 0700.(27/9 Kashiwabara)
- 4795 CAMEROON. R. Douala. 2119. FF. ID by OM and hi-life music.(25/9 Twiggs)
- ECUADOR. LV de los Caras. 0205-0230. SS. Romantic ballads.(18/9 Jordan)
- 4796 BOLIVIA. R. Nueva America. 0300-0315. SS. Dialog/skit by YL.(18/9 Jordan)
- 4805 BRASIL. RD do Amazonas. 0135-0248. PP. Coverage of futebol match.(18/9 Jordan)
- 4810 PERU. R. San Martin. 0250-0358. SS. Variety of vocals with OM anncr doing occasional Banco ad's and mentions of San Martin. (14/9 A'Angelo)(14/9 Jordan)
- 4815 BRASIL. RN Tabatinga. 0422-0430. PP. Romantic ballads by OM, echo effects.(27/9 Jordan)
- 4835 MALI. RTVM. 2150. FF. ID by YL then dialogue.(30/9 Twiggs); ● 2318 //4783(25/9 Bobb)
- SARAWAK. RTM Kuching. 1502-1531. EZL Malay pop's, YL anncr, 6 pip's at 1530, ID by OM and into talk programme.(17/9 Tutak-WA)
- 4845 MAURITANIA. ORTM. 2355. FF. Songs in Arabic and S/off ID in FF and AA.(16/9 Slagt)
- 4865 COLOMBIA. LV del Cinaruco. 0110-0205. SS. Music selections with romantic ballads and piano music.(27/9 Jordan)
- 4870 ECUADOR. R. Rio Amazonas. 0310-0326. SS. "Musica tropical" TC and ID by YL at 0323.(26/9 Tuchscherer)
- 4890 SENEGAL. ORTS Dakar. 2310-0102. FF. Various types of music, S/off with choral NA. (20/9 D'Angelo)

\*\* A light turn-out this month.

\*\* I had a question last month regarding a good guide for African DXing. In MY opinion, there is none. While there was an attempt a year or so ago the final product was a mere collection of station profiles and QSL pictures.

\*\* Hope all have a very HAPPY THANKSGIVING and CU again in December.

Mike —



# LOG REPORT

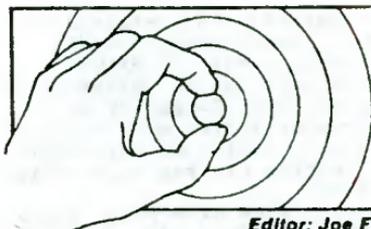
## section B

4900 to 6199 kHz

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

- 4900 GUINEA Conakry, FR talk by M&W at 2355-0001\* on 10-3, guitar solo, NA to close, fair in QRN (Bobb-MN); unid. "R. Nacl" (prob. this one), FR ID 2318 9-11, AR sound (Twiggs-CT).
- 4905 BRAZIL R. Araguaia, PT ID by two men at 0142 9-5, pop mx (Twiggs-CT).
- 4910 ECUADOR Em. Gran Colombia, SF ID by man at 0320 on 9-11 (Twiggs-CT).
- 4911 ZAMBIA Lusaka, \*0350 9-7 with eagle IS, NA, ID by man in lang (Twiggs-CT).
- 4915 BRAZIL R. Anhanguera, lively folksy LA mx at 0215 9-13, ID, expressive Br. mx, talk by two men (Dickson); 0407-0435 on 9-20, mixed mx, pops, EZL, instrumentals, medleys, plenty of snazzy IDs, promos, amnt strings by excited annrcs, sound effects (Jordan).
- 4915 COLOMBIA Armonias del Caqueta, hrd 1055-1101 on 9-22, SP LA mx with IDs by man, chimes, fair signal (Bobb-MN).
- 4915 GHANA Accra, tribal mx 2235 9-4, "This is the GBC" ID 2245, TC, nx, all EG; vernac sermon, choir mx, NA to 2303\*, fair sig (D'Angelo-PA); organ mx 2240 9-21, nx, all EG (Alcorn-NJ); hrd 2240-2305\* on 10-2, EG and lang African and solo guitar mx, man with ID, TC, national and African nx, closing religious mx, fair sig (Bobb-MN).
- 4920 ECUADOR R. Quito, live sports event at 0000 9-12, soccer game, very strong; also at 0305 9-16 with ads, golden LA oldies, ID (Slagt-ARUBA).
- 4930 HAITI 4V1H, in FR at 1057-1111 on 9-25 with band mx, man with ID, talk; fair (Bobb-MN).
- 4935 PERU R. Tropical, 0304 9-26 with long ad string, ID mentioning "Lv de San Martin," EZL vocals, F-G sig (Forth-IL); very poor 0320 on 9-18, romantic mx, bouncy LA tunes, spot and full IDs, jingle, promo string 0330, much QRN (Jordan).
- 4940 IVORY COAST Abidjan, lively hi-life mx 2320 9-27, poor here but //9670 much better, next day only 9670 hrd (to 0002\*) (D'Angelo-PA); at 0615 on 10-4, FR, Afr hi-life mx, talk, //7215 but 6015 not hrd; all three hrd next night, 6015 best (Alexander-FA).
- 4940 UKRAINE Kiev, in Ukr 2316 9-7, RS vocals, IS, apparent nx, clas. mx, fading (D'Angelo-PA).
- 4945 SOUTH AFRICA R. RSA, in Lozi 1556 9-9, Afr mx, pipe, TC, singing; fair (Park-HI).
- 4960 ECUADOR R. Federacion Sucua, 0026 9-14 with LA vocals, long talk by soft-spoken CW, s/off amnt at 0100, orchestral NA, prgm ended 0101, carrier on to 0106 (D'Angelo-FA).
- 4965 BRAZIL R. Poti, mx 0220 9-21, ID, rock mx and Br.-style, nice sig, some QRN (Dickson).
- 4970 VENEZUELA R. Rumbos, 0333 9-27 with mx, IDs, poor sig (Kashiwabara-CA); 0927 on 9-25 with man talking, TCs, peppy mx, ID, fair, //9660 (Bobb-MN).
- 4975 COLOMBIA Ondas del Ortegaaza, mx prgm 1005 10-1, TCs, IDs, 1025 drowning by noise (Field-)
- 4980 VENEZUELA Ecos del Torbes, lively LA mx 2323 9-28, man DJ with ID, TC, singing MI). ads, fair (Dillon-MD); 0213 on 9-27, M&W annrcs, promos, IDs (Jordan); nx bulletin 0230 on 9-13, ads, TCs, old-style LA mx, guitar vocals, excellent signal (Dickson).
- 4991 PERU R. Ancash, M&W in dialogue at 0201 9-20, nice variety of CA mx (Tuchscherer-WI); 0440 9-20 with IDs, vernac. mx, fair signal (Kashiwabara-CA).
- 4996 PERU R. Andina, 0320 9-5, ID, mx almost CC-style (Yashiwabara-CA); very good sig with a variety of LA mx, 0406-0429\* on 9-12 (Tuchscherer-WI).
- 5000 SOUTH AFRICA ZUC time stn, over WwV 2215 9-21, CW ID, time, not SWEC but nice (Alcorn-NJ).
- 5004 EQUATORIAL GUINEA Bata, long talk, mx, ID 2156 9-28, chimes, LONG NA; fair (D'Angelo-PA).
- 5010 PERU R. Eco, hrd 0212 10-1, all LA songs, ID at 0254 (Tuchscherer-WI).
- 5015 CLANDESTINE R. Truth, \*0400 10-5, vernac, on with bird call IS, local mx, talk, bird agn, into EG 0432, ID, talk by gal, US pops; fair at s/on, very weak by 0445 (Alexander-PA).
- 5019-22 VENEZUELA R. Nacional, pop and rock mx 0123 9-13, TC, IDs (Paszkiwicz-WI); hrd 0410 on 9-13 with EG rock mx, IDs 0417, then SP vocals, good sig (D'Angelo-FA); 0440 on 9-27, 70/80s pops, some earlier, man annrc (Jordan); hrd 0555 on 10-4, SP and US pops, very little talk except for IDs (Alexander-PA).
- 5030 PERU R. Los Andes, hrd 0132-0153\*, all LA songs, ID 0150, NA (Tuchscherer-WI).
- 5035 CENT. AFR. REP. Bangui, hrd 0427 9-21, NA, ID, amnts, FR, poor with het (Paszkiwicz-WI); 0510 9-19 with rapid talks, two men, ID 0529, maybe nx; very, very poor (Jordan).
- 5045 BRAZIL R. Cultura do Para, ballads 0336 9-20, ID, NA to 0407\*; fair (D'Angelo-PA).
- 5049 COLOMBIA LV de Yopal, romantic vocals to s/off ID, amnts, NA, 0550\* 9-29 (D'Angelo-PA).
- 5050 ECUADOR R. Jesus del Gran Poder, 0010 on 9-17 with live xmsn from a church, same prayers being repeated (Slagt-ARUBA).
- 5052 SINGAPORE SBC, EG at 1422 9-21, ID, interview, ads, fair, //11940 good (Kashiwabara-CA).
- 5055 ECUADOR R. Catolica Nacional, 0235 10-3, mx, better than TIFC; C300\*, QRN (Field-MI).
- 5057 ALBANIA Gjirokaster, Alb mx 0315 9-22, sounds half-Greek/AR, gal singing (Klein).
- 5290 USSR Kraenoyarsk listed, 1145 9-9 in RS, radio play, laughter, not //rbita fqys (Park-HI).
- 5565 CLANDESTINE R. 15 de Septiembre, rx in EG 0200, anti-Sandinista, 9-12 (Slagt-ARUBA).

- 5770 UNID. gal in unid. language, 0950 9-7; China listed, poor signal (Stutterheim-NY).
- 5800.5 PERU H. Frecuencia San Ignacio, tent., weak with CA mx 0227 on 10-4, no chance for ID, lost at 0239 (Tuchscherer-WI).
- 5889 CLAUDESTINE LV de la UNO, 0210-0259\* 10-4, talk by M&W, ballads, several IDs (Alexander-PA); 0210 9-12 with talk by UNO leader, martial mx (Slagt-ARUBA); 0244 10-8 with ID and fqs, slogans, band mx, good signal (Porth-IL).
- 5905 US\$ RMWS, fair with EG Nxeel 1517 9-12, promo for R. Forum prgm (Park-HI).
- 5950 CLAUDESTINE R. 15 de Septiembre, hrd at 0411 9-7 (Twiggs-CT); 0438 9-13, talk abt Nic and CR, ID 0440 (Thunberg-PA); 0604 on 10-2, vy good with anti-Sand prgmg, NA to s/off; 1440 9-12, usual prgmg, mx, much Centauros QRM (Slagt-ARUBA).
- 5955 COLOMBIA LV de los Centauros, 0340 10-4 with nx, xmtr breaks, ID 0407 (Field-MI).
- 5955 COSTA RICA R. Casino, 1040 9-30, mx, IDs, weak but improving, full ID 1101 (Field-MI).
- 5955 PERU R. Huancayo, 1044 10-2, mx, Huancayo references, maybe ID 1055, gone by 1100 (Field-MI).
- 5955 SWAZILAND TWh, \*0357 10-4, IS, into EG (Field-MI).
- 5960 ABU DHABI VoUak, 0215 9-12, AR mx, ID, hvy RCI QRM (Slagt-ARUBA).
- 5975 COLOMBIA R. Macarena, uninterrupted LA mx, 2118 9-13, ID 2125 (Slagt-ARUBA); 0208 9-23 with ID, into LA mx, buried EBC (Klein).
- 5975 ENGLAND BBC WS, R.Nxeel 1503 9-29, promo, talk (Park-HI); world nx 0000 9-11, Nx.Abt Britain, R.Nxeel, //6120, 6175, fair (Dillon-MD).
- 5975 ZIMBABWE ZBC-R.2, weak but usually clear 2455-1530 f/out, after Korea leaves, Afr lang. R.2 jingle 1500, ad string, ID as "Zed" BC, nx, local mx, 5975.6+; 9-23 et seq. (Sheedy-CA).
- 5985 USA VoFC over WYFR, EG 0221 with rpt interview, local mx, VG 9-16 (Levison-PA). CA).
- 5990 JAPAN Tokyo, EG 1503-1510 9-12, nx, ID, fqs, sked, current affairs, good (Tutak-WA).
- 5995 AUSTRALIA RA at 0940 9-5, local Pac.Is language, frequent PNG mentions (Stutterheim-NY).
- 6006 COSTA RICA R. Reloj, 0600 10-1 with varied mx, IDs, promos, etc. (Jordan).
- 6005 SOUTH AFRICA SABC; Afrikaans Svc \*0556 9-24, pps, ID, nx, ads, usual pops after 0610; hrd //7285 0618, there mixing with Dv (Sheedy-CA).
- 6010 NORWAY Oslo, advanced Norwegian by Radio, 1118 9-16, ID 1130 (Slagt-ARUBA).
- 6015 NICARAGUA LV de Nicaragua, EG 0145 9-18, nx, talks, good but USB helps (Dickson).
- 6020 MADAGASCAR RN relay, EG at 1120 9-16, to SEAsia, talk abt Dutch fishery (Slagt-ARUBA).
- 6020 MEXICO XEW, mx and ads at 0430, to 0500\*, 9-20 (Field-MI).
- 6025 BOLIVIA R. Illimani, 0950 9-26, lots of talk, ID, AFRTS QRM (Slagt-ARUBA); 0955 on 9-24, man talking, slow mx selections, IDs, chime on hour, hvy QRM (Bobb-MN).
- 6025 NIGERIA Enugu, 2227-2308\* 9-25, EG man with Afr and pop mx, ID 2243, TC for midnight, nx and closing format; poor and noisy (Bobb-MN).
- 6030 CANADA CFPV-Calgary, 1533 9-10, rock mx, CFCN-TV ads, TC, "AM 106" IDs, P-F (Tutak-WA).
- 6035 COLOMBIA LV del Guaviare, mx 1030 9-22, ranchera, ID 1037 (Field-MI).
- 6045 PERU R. Santa Rosa, one day only, s/on arnd 1030, ID, gone by 1100 (Field-MI).
- 6060 ARGENTINA R. Nacional, 0507 with nx in SP, 9-27, P-F in QRM (Jordan); 0945 9-26, ID, ads, sambas (Slagt-ARUBA); 0955 9-11, M&W talking, ID by gal, fair sig (Bobb-MN).
- 6060 AUSTRALIA RA, nx 1608 9-20, Talkback, fair sig (Park-HI).
- 6075 USA R. Marti over VOA, horoscope 1125 9-16, talk on Swiss history, SP (Slagt-ARUBA).
- 6080 E.GERMANY RBI, EG cmtry on business, cameras, UN, 0002 9-5, good sig (Levison-PA).
- 6085 W.GERMANY Bayerischer Rundfunk, 2323 9-2, fair with mix of soft EG/QM vocals and instrumentals, gal anncr, ID 0000, nx by man, back to mx 0005, WYFR QRM (D'Angelo-PA).
- 6090 CUBA Havana, in EG 0244 9-21, lively Cuban mx, Havana book fair, VG sig (Dickson).
- 6090 LUXEMBOURG R. Luxembourg in GM 0618, songs, long talks, ads, 10-2 (Slagt-ARUBA).
- 6100 YUGOSLAVIA Belgrade, \*2130 9-30, IS, seemingly GK, YVTO time pip QRM (Twiggs-CT).
- 6110 MALTA IBRA Radio, EG 2030 with relig. prgm, ID 2044, into GM 2045, fair (Hill-WA).
- 6110 PHILIPPINES VOA fair 1711 with EG Critics Choice, 9-7 (Park-HI).
- 6115v COLOMBIA LV del Llano, lively vocals and instrumentals at 0620 on 10-1, spot IDs, big production IDs, talks, ads, fair sig (Jordan); hrd 1005-1035 on 9-26, man talking, ads, mx, many mentions of Villavicencio, fair signal (Bobb-MN); "Super Noticias" at 1115, ID 1126 (Field-MI); 2058 9-13 with ads, mx, prices (Slagt-ARUBA).
- 6115 PERU R. Union, OA mx 0426 on 9-7, huaynos, etc, many IDs, to 0500 tune out (Tuchscherer-WI); 0840 on 9-24, mx prgm, "R. Union" ID at 0845 (Field-MI).
- 6120 CANADA EBC relay, WS at 0000 9-9, nx, Nx.Abt.Britain, R.Nxeel, //6175 (Dillon-MD).
- 6120 CANADA R. Japan relay, \*1030-1100 JP, 1100-1130\* EG, good, some het (Jordan).
- 6125 E.GERMANY RBI, EG 2100 9-13, mx, talk abt railways (Slagt-ARUBA); nx in progress at 2150, 9-28 (Alcorn-NJ).
- 6130 ECUADOR HCJB, poor at 0935 on 9-17, "DX Party Line," incl. "Mediumwave Interlude" from MRC; //7945 inaudible (Park-HI).
- 6155 JAPAN AFRTS over PEN-Tokyo, WG at 1723 with MBS football, seconds behind local affiliate poor signal overall (Park-HI).
- 6160 CANADA CKZN-St. Johns, EG 1242 10-1, classical mx prgm, two male anncrs, poor (Twiggs-CT).
- 6160 COSTA RICA R. Impacto, 1150 on 9-12 with talk abt flights into Nic (Slagt-ARUBA).
- 6165 N.E.ANTILLES RN-Bonair, EG "Media Network" 0600 9-19, fair sig (Park-HI).
- 6170 COLOMBIA LV de la Selva, 1145 9-12, mentions of "R. Periodico," ads, IDs, PSAs (Slagt-ARUBA).
- 6175 ANTIGUA BBC WS relay, 0000 9-5 with world nx, Nx.Abt.Britain, Radio ARUBA) Newsreel, very good signal (Dillon-MD).
- 6195 ANTIGUA BBC WS relay, poor with IS 1056 9-9, work nx, UK nx, not //6195 Singapore until 1100 (Park-HI). +-Usual trnx to all contributors. See you in December. 73-



# LOG REPORT

## section C

### 6200 to 11699 kHz

Editor: Joe Freeborn, Bldg. 877, Apt. 625, Governors Island, NY 10004

Hello to everyone in November. Since I didn't receive any threatening letters after last month's column, everyone must have been reasonably happy with it. Again, if anyone has any comments or suggestions, please send them to me. On some of the reports I receive, there is often more than one logging for a particular station on the same freq. I sometimes leave one out if the reports are very similar. That is why you may not see a logging that you have sent in. If the loggings differ, I will use both listings. If you would rather only see one logging per station/freq. let me know. This is your column and I want to make it the best possible for you. Now, on to the loggings.

- 6230 ECUADOR HCJB 0230 EG. Several ID's and announcements for DX Party Line. Time signal. (Slagt-WI 9/12)
- 6305 CLAND L.V. del Cid 0929 SP. Talk about living conditions in Cuba. (Slagt-WI 9/26)
- 6543 CLAND R. Vencermos 0115 SP, 0122 ID, muffled mod. (Jones 9/15)
- 6550 LEBANON V. of Lebanon 0412 AR. ID as "Huna Saout Loubanon". ads. very nice mx pgm. (Slagt-WI 9/14)
- 6556.5 CLAND R. Vencermos 0215-0233 SP. Talk by man and woman, march music. ID. (Alexander-PA 9/14)
- 6791 PERU R. Sensacion 0317-0340\* SP. Thru static with Yl anncr. ID. mention of Huancabamba. mx pgm. (Forth-IL 9/26)
- 6910 IRELAND R. Dublin assumed. 2310 EG. pop mx (Stutterheim 9/5)
- 7065 ALBANIA R. Tirana 0631 EG. Usual talk about Communism in Albania. Anti US tlk. (Slagt-WI 10/2)
- 7105 SINGAPORE BBC 1543 EG. World Svc., Part 5 of the play Patterson, promo, wld nx. QRM fm jammer 7110 (Park-HI 9/10)
- 7115 BULGARIA R. Sofia 0300 EG. News. features on Reagan and Star Wars. Chernobyl. Namibia. Drug war. (Dickson 9/21)
- 7125 SIBERIA R. Moscow 1540 EG. World Svc., "Focus on Asia" on the Sino-Soviet relations, US arms build up. (Park-HI 10/1)
- 7130 GERMANY Deutsche Welle 0135 German. Opera/old mx (Slagt 9/22)
- 7135 CYPRUS BBC 0200-0230 EG. nx. press review. (Hill-MA 9/2)
- 7150 GERMANY Deutsche Welle 0447 EG. Talk on S. Africa sanctions, effects on Botswana. tlk on Nigeria. (Park-HI 10/4)
- 7160 ASCENSION BBC 0433 EG. World Svc., "Here's Humph!" jazz show, preview. "Reflections" on Rosh Hashana. (Park-HI 10/4)
- 7170 NEW CALEDONIA RFO Noumea 0710 FR/EG. Johnny Holiday show with DJ in FR/EG, pop mx. QRM USSR 7175, xmtr hum. (Park-HI 9/24)
- 7175 UNKNOWN R. Netherlands 0410-0423\* EG. Site unknown. Interview with head of Dutch Pax Christi group. (Hill-MA 8/11)
- 7190 PHILIPPINES R. Veritas Asia 1220-1224\* JP. ID and address w/echo. ancd, 11725 not heard. (Kashiwabara-CA 9/27)
- 7195 SIBERIA R. Peace and Progress 1128 Cantonese, 5 note horn IS w/ID by man and tx. QRM unid 7190. (Park-HI 9/27)
- 7205 AUSTRALIA R. Australia 1205 EG. Intl. nx. news of Australia. extreme QRM from Hams. (Slagt-WI 9/20)
- 7250 VATICAN Vatican Radio 2030 SP. Talk about Words of Jesus for Daily Living. (Slagt-WI 9/13)
- 7255 BOTSWANA R. Botswana \*0357 EG. Cowbell IS, s/on in EG, along w/religious pgm. (Twiggs-CT 9/24)
- 7255 BULGARIA R. Sofia 0640 Italian. Tlk about Communism, tlk about a "Concurso", request for letters. (Slagt-WI 10/2)
- 7275 S. KOREA R. Korea 0820 JP. KR Lessons. ID (Kashiwabara 9/22)
- 7325 UNITED KINGDOM BBC 2300-2315 EG. World Svc., news. analysis of security agreement in Stockholm. (Dillon-MD 9/21)

7330 USSR R. Moscow 0214 EG, nuclear arms race (Hollerman 9/10)  
7345 USSR R. Moscow 1550 EG, World Svc., Guest Speaker w/NZ  
Workers Party member John Mitchell. (Park-HI 9/10)  
7380 CLAND L.V. del Cid 1100 SP, INT.nx.anti Castro.(Slagt 9/12)  
7412 INDIA AIR 2222 EG, ID by m. Overseas Svc (Twiggs-CT 9/20)  
7412 INDIA AIR 2030 EG, Several mentions of India, male anncr  
saying "Thanks for being with us", Indian mx (Alcorn 10/3)  
7430 GREECE V. of Greece 0140 EG, YL reading nx, report on Korean  
airport bombing. (Alcorn-NJ 9/18)  
7447 PIRATE V. of Free Gulf 0332 EG, soft rock mx w/freq. check  
and ID, gave phone number w/FM freq 106.3 (Klein 9/22)  
7455 SYRIA R. Damascus 2052 EG, ID w/ME mx pgm (Twiggs-CT 9/20)  
7464 ISRAEL Kol Israel 0024 EG, Spotlight nx pgm, ID, IS at 0027  
-7465 anncd but hrd on 7464. (Alexander-PA 9/14)  
7465 ISRAEL Kol Israel 2010 EG, Msg for Jewish New Year, mention  
of strenghtened Israeli economic/political posn.(Alcorn 10/3)  
7470 CLAND R. Caiman 1110 SP, very old jazz music, talk about  
lotteries, ID (Slagt-WI 9/12)  
7470 CLAND R. Caiman 1315 SP, ID by M w/LA mx, US pop mx (Twiggs 9/29)  
7480 CHINA R. Beijing 1220 EG, News and commentary on Chinese  
industry. Hvy QRM from Columbian ham. (Slagt-WI 9/20)  
7492.75LSB SIBERIA R. Moscow W. Service Birobidzhan. 1606 EG, Nx pgm,  
Pgm on the USSR of the future. (Park-HI 9/27)  
7567.5 UNID 0310, YL in unid language. (Stutterheim-NY 9/8)  
8063.6 PERU R. Paraiso de Los Andes 0305 SS, Haunting Huayanos with  
flutes and vocals. (Klein 10/1)  
8064 PERU R. Paraiso de Los Andes 0342 SP, exotic mx, YL anncr,  
TCs and ID hrd. poor/fair sig w/static (Forth-IL 9/26)  
9010 ISRAEL Kol Israel 2013 EG, Interview with Shamir about Egypt/  
Israeli relations. (Slagt-WI 9/13)  
9022 IRAN V. of Iran 2341 Farsi, Talk by m/anncr about Israeli  
aggression in Lebanon. (Slagt-WI 9/23)  
9395 GREECE V. of Greece 2218 GR, Nx, commentary, ID (Slagt 9/20)  
9410 UNITED KINGDOM BBC 2215 EG, Tlk about terrorism. (Slagt 9/20)  
9420 GREECE V. of Greece 0130 EG, news, "This is a brief look at  
the news." Items on Argentina, Italy, Israel. (Alcorn-NJ 9/11)  
9425 GREECE V. of Greece 2210 GR, music w/talk by m/anncr. "Edo  
Athena". listed 9420 in 85 WRTH. (Slagt-WI 9/20)  
9455 USA WMLK 1920-2000 EG, rel. bcst about different beliefs.  
Poor reception, gone by 2000. (Field-MI 9/30)  
9455 USA V. of Free China via relay 2200 EG, national anthem, nx  
abt China, tlk abt relations between HK and Taipei (Slagt 9/20)  
9455 EGYPT R. Cairo HS tent 0403 AR, M w/Quran readings, listing  
the book and surah before reciting. local QRM (Park-HI 10/2)  
9505 JAPAN R. Japan 0845 JP, 1st day coverage of Tokyo Autumn  
Sumo tournament. US Konishiki finished top 5 (Park-HI 9/14)  
9515 ANTIGUA BBC WS 0230 EG, "Terry Wogan's Album Time" w/mx by  
The Letterman, Manilow, Gloria Gaynor. (Park-HI 9/28)  
9515 USA BBC WS relay 0000-0030 EG, world news, news about  
Britain, Radio Newsreel. (Dillon-MD 9/29)  
9525 USA R. Marti 0210 SP, Sports nx, pgm by Prof. Avalos (Slagt 9/17)  
9530 UKRAINE R. Kiev 2135-2145 RS, Kiev IS, M w/ID and tx, W with  
tx/ID (Bobb-MN 9/8)  
9535 NETH. ANTILLES TWR 0950-1000 PT, M & W anncrs and rel. vocal  
mx, address to Sao Paulo, ID into GM pgm. (Bobb-MN 9/27)  
9535 CHINA R. Beijing 1232 EG, Piano composition "Falling Water",  
commentary on laser surgery. (Levison-PA 9/21)  
9540 MADAGASCAR RNW 1900 EG, Repeat of a live bcst on Queen  
Beatrix closing storm barrier on Delta Project (Park 10/4)  
9545 SOLOMON ISLANDS SIBC 0732-0739 EG, regional nx (Bobb-MN 9/26)  
9550 SWAZILAND TWR 1628 EG, Handbell IS and ID's into pgm of  
inspirational tx and Christian pop mx. (Park-HI 9/30)  
9560 TURKEY V. of Turkey 2227-2232 EG, Turkish mx and ID by YL  
at 2230. Fair sig. (Tutak-WA 9/22)  
9565 MONTESERRAT Deutsche Welle \*0100-0150\* EG, IS, ID by OM,  
world/nat. nx, with features on Daniloff release, Chernobyl  
startup, Labor party, and more. (Jordan 10/1)  
9565 USA VOA 0728 EG/AR, IS, lang. ID "The following broadcast  
in in Arabic", into 3 M w/ID and nx. (Park-HI 9/11)  
9570 USA R. Marti 1345-1359 SP, YL w/mx pgm, TC, ID (Bobb-MN 9/16)  
9575 MOROCCO R. Mediterranean 1758, very weak with slow fade  
but ID at 1830. (Field-MI 10/2) (language? jf)

9575 ITALY RAI 0100\* EG, nx with features on terrorism/crime, Nicaragua, Italian ambassador, & more. (Dickson 9/29)

9575 CHINA RB FS 0858 CH, IS and ID "Beijing guangbo diantai", theme ans nx, ID and commentary. (Park-HI 10/3)

9580 S. AFRICA RSA 0045-0056\* SP, Symphonic mx. M w/ID (Bobb 9/29)

9580 AUSTRALIA R. Australia 2125-2130\* EG, Lite mx prior to freq. s/off anmnts. Rarely noted at this hour on ECNA. (D'Angelo 9/6)

9580 AUSTRALIA R. Australia 1130-1210 EG, ID, TC, freqs. "Books and Publishing", books on soccer/Vietnam. nx (Dillon-MD 9/21)

9580 S. AFRICA RSA 0048 SP, Terrorism in S. Afr. (Slagt-WI 9/28)

9590 USA R. Marti 1327 SP, ID w/LA ballads. (Twiggs-CT 9/29)

9590 NORWAY R. Norway Intl. 2359 Norwegian, IS, ID in EG and in Norwegian, news and comments. (Slagt-WI 9/15)

9590 SEYCHELLES FEBA Radio 1530 EG, Pgm "Back to the Bible". QRM NSB 9595 and locally. poor sig. (Park-HI 9/23)

9590 NETH. ANTILLES RNW 0338 SP, "Estacion de la Alegria" with Tom Meijer, also on 6165. QRM RSA 9585. (Park-HI 9/29)

9600 UNID Music, possibly mid-eastern, 0110, language not identified, fade at 0136. (Field-MI 10/2)

9600 PORTUGAL RDP 0045 Portuguese, tlk abt PT immigrants (Slagt 9/25)

9602.1 MEXICO R. Universidad de Mexico 0253 and 1440 SP, classical mx, nx, jazz bridges, ID, tlk, fading but clear (Paszkiewicz 9/13)

9610 AUSTRALIA 6WS Perth 1320-1330 EG, M w/cw mx request pgm. ID and TC at 0926. (Bobb-MN 9/23)

9615 UNITED KINGDOM 0215-0230 RS, UK/Canada via Daventry xmtr. Very tentative, RCI IS, s/on at 0215 then to poss. anmnts. and tlk in what sounded like RS. poss. nx. (Jordan 9/12)

9615 MONGOLIA Vlan Bator Radio 1230 EG, International news, ID, then into unknown lang. (Slagt-WI 9/23)

9620 EGYPT Egyptian Radio and TV Union 0600 AR, long AR songs, sounds of bells at 0600, poss. intl. nx. (Slagt-WI 10/2)

9620 PHILIPPINES VOA 1551-1600\* VT/EG, Site per RDI, EG lessons, nx brief on s/off. (Park-HI 9/15)

9630 SPAIN Spanish Foreign Radio 0105 EG, Report on Spain and Britain discussing future of Gibraltar. (Alcorn-NJ 9/19)

9640 UKRAINE R. Kiev 2330 EG, nx, comments on US Delta troops, comments on parents/children. (Levison-PA 9/18)

9640 ANTIGUA Deutsche Welle 0330 EG, Larry Wayne with "Mailbox" Lesson 25 of German lesson. (Park-HI 9/21)

9645 GABON R. Japan 2330 EG, Gen. Svc. w/JP lesson (Twiggs 9/30)

9645 JAPAN R. Japan 2315-2400 EG, DX survey of L Am. stations, Indonesian stations, Japanese cinema. (Dillon-MS 9/21)

9650 UNKNOWN VOA station 2022-2029\*, M and W with transmission in possible European lang., VOA IS/ID in EG. (Bobb-MN 9/13)

9650 USA VOA GV 0100 EG, wld nx, "Report to the Americas" Park 9/16)

9655 AUSTRALIA R. Australia 0745 EG, Talk about books and publications. world news at 0800. (Slagt-WI 9/29)

9655 AUSTRALIA R. Australia 0907 EG, Shepp. relay, nx, "Talkback" on moving of old Lyndhurst xmtrs to Brandon. (Park-HI 9/14)

9655 USSR R. Magallenes 0329 SP, IS/ID "Aqui Magallenes", Andean mx w/ID and news. Also on 9490. (Park-HI 9/28)

9660 AUSTRALIA ABC Brisbane 0720-0742, YL hosting current affairs pgm, TC at 0730 in business rpt pgm with same YL, stock prices, gold, etc. (Tutak-WA 9/17)

9665 N. MARIANA IS, KYO1 1625-1637 EG, Rock pgm w/requests for reports to a Hawaiian address. (Bobb-MN 9/25)

9670 UNID 2045-2103 FR, M w/carib. mx and tx. (Bobb-Mn 9/13)

9670 USA VOA 0110 SP, "Club de Oyentas", reading letters, mx, commentary on L. American culture. (Slagt-WI 9/22)

9680 PORTUGAL R. Lisbon 2159-2210 PT, IS time gong NA, ID by M, tx by m & w into mx pgm. (Bobb-MN 9/21)

9684 TANZANIA R. Tanzania 0401-0415 EG, Yl w/news, ID at 0405, "This news comes to from the external service of Radio Tanzania". Instrumental mx from 0412. (D'Angelo-PA 9/21)

9690 ANTIGUA Deutsche Welle relay 1030-1041 PT, M & W w/tx and mx with ID. (Bobb-MN 9/11)

9690 ARGENTINA RAE 0100 EG, tlk about Argentina. (Field-MI 10/4)

9690 USA WHRI 0115 EG, Song "He is Exalted", pop mx w/ID after each song. (Slagt-WI 9/22)

9710 AUSTRALIA R. Australia 1230 JP, ID, nx, cmntry (Kashiwabara 9/27)

9710 ITALY RAI 0350 EG, S/on into nx, QRM R. Moscow (Slagt 9/14)

- 9735 PARAGUAY R. Nacional 1010-1015 SP, ID "Radio Patria, Radio Nacional de Paraguay" into tx. (Bobb-MN 9/11)
- 9755 CANADA RCI 0305 EG, nx w/Canadian football scores, pgm SWL Digest. (Park-HI 9/21)
- 9760 BRAZIL R. Nacional de Amazonia 0025-0040 PT, Woman tlk with laughter, tlk w/lite rock. ID. (Bobb-MN 9/29)
- 9760 GUATAMALA R. Nacional 2334 SP, ID w/La Ballads (Twiggs-CT 9/7)
- 9760 PHILLIPINES VOA 1537 EG, "Now Music USA", countdown edition also 6110, local QRM/QRN (Park-HI 10/2)
- 9777 DOMINICAN REPUBLIC R. Santiago 1310 SP, US baseball results ads. (Slagt-WI 9/14)
- 9780 YEMEN R. Sana'a 1940 AR, mx, ID 1945, tlk, mx (Paszkiewicz 9/13)
- 9795 USSR R. Peace and Progress 0129-0135 SP, IS M w/ID and talk, possibly news pgm. (Bobb-MN 9/22)
- 9795 SIBERIA R. Moscow World Svc. 1145 EG, "Record Playoff" mx request/quiz show, ID w/cmtry. (Park-HI 9/7)
- 9800 FR. GUYANA RFI 0120 SP, Reading letters, ID, s/off the Spanish edition. QRM R. Moscow on 9800 (Slagt-WI 9/22)
- 9835 HUNGARY R. Budapest 0205 EG, comments on Budapest meeting, tourism, social progress. (Levison-PA 9/17)
- 9840 KUWAIT R. Kuwait 2043-2121 AR, Ar mx, ID "Itha'at UL-Kuwait" w/world nx at 2100 by OM. AR poetry. (Dillon-MD 9/10)
- 9870 ECUADOR HCJB 0400 EG, Intl. nx, rel. mx (Slagt-WI 9/14)
- 9895 NETHERLANDS R. Netherlands 2129-2139 DT, time ticks with possible nx pgm. Fair w/QRM (Bobb-MN 9/20)
- 9915 UNITED KINGDOM BBC \*2130-2200\* EG, "Calling Falkland Islands into mx and commentary. (Jordan 9/19)
- 9940 CLAND R. Camilo Cienfuegos (V. del Cid) 1200 SP, music by Everaldo Ordaz, thoughts of Jose Marti. (Slagt-WI 9/20)
- 10040 VIETNAM V. of Vietnam 1800-1805, s/on w/anthem, ID's by YL & OM, sked w/freqs, into nx. 15010 also good (Tutak-WA 9/10)
- 11635 CLAND R. Camilo Cienfuegos 1233 SP, "Micro Noticiso", tlk about Roberto Carlos. (Slagt-WI 9/20)
- 11645 GREECE V. of Greece 1412-1550\* GK/EG, via Kavala relay, Greek vocals w/mx pgm into EG nx, ID at 1540 (Jordan 9/11)
- 11650 CHINA R. Beijing \*1200-1255\* EG, IS, OM w/ID into nat. nx, world nx with features on oil, world peace, etc. (Jordan 9/17)
- 11694 VENEZUELA R. Nacional 1835-1900\* SP, SP pop/ballads w/M&F vocalists, OM ancw w/full ID at 1845. (Jordan 9/27)

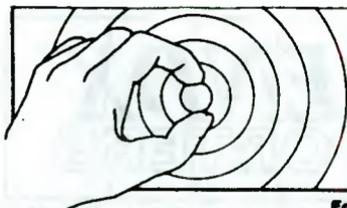
That's it for this month. Down a bit from last time. Thanks to all who sort their log slips, I appreciate the help. Also, if you have a lot of comments, continue onto the back of the slip instead of trying to squeeze it all onto the front. CU in Dec.....73's

*Joe*

NOTICE, PLEASE

We still have a few NASWA decals for sale at 50¢ each or 3 for \$1.00. They feature the NASWA logo and are 3½ inches square and pressure sensitive. Also available are the NASWA Foreign Language Report forms in Spanish, French, Portuguese, and Indonesian. The price is 75¢ each or all four for \$2.25.

The NASWA Country List/Awards Program booklet is available from Awards Program editor John Kapinos or from NASWA Headquarters. The price for this newly printed edition is \$2.00.



# LOG REPORT

## section D

### 1700 and above

Editor: Wallace C. Treibel, 357 N.E. 149 St., Seattle, WA 98155

- 11705 IRAQ V. of the Masses in AR 1725, revolutionary mx, war talk, f (Dillon MD 9/20)
- 11720 BULGARIA R. Sofia in EG 2304, cmntry on world water shortage (Levison PA 9/22)
- 11790 INDONESIA RRI Jakarta in EG 1530, ID, freqs, regional mx, mx, into GM service at 1600, f (Tutak WA 9/9) also in EG 1505, mx, ID, f (Kashiwabera CA 9/21)
- 11790 USSR R. Vilnius in EG 2300, IS, ID, pgn on Lithuania (Field MI 102)
- 11885 SPAIN R. Liberty in RS 2355, tlk, several ID's, IS 0000, mx (Alexander PA 9/14)
- 11920 JORDAN R. Jordan in AR 2010, Islamic praying, QPM fr REE, ID (Slagt, ARUBA 9/13)
- 11940 SINGAPORE SBC in EG 1532, ezl pops, TC's, pips 1600, mx, ID, NA\* (Tutak WA 9/17)
- 11960 ALBANIA R. Tirana in lang 2115, sounded like RS, ID, IS 2130, f (Jordan PA 9/20)
- 11970 CUBA RHC in SP 2355, selc of Benny More (Slagt ARUBA 9/23)
- 12000 HUNGARY R. Budapest in GM 1955, rock mx, anncmts of freqs (Slagt ARUBA 9/13)
- 12015 AUSTRIA RAI in EG 1507, tlk on early cave drawings, mailbag (Thunberg PA 10/6)
- 12050 EGYPT R. Cairo in AR 1245, talks, mx7, interviews, freqs, mx, f (Jordan PA 9/30) also in AR 2041, AR mx, ID 2045, "Beautiful Language" pgn, mx, f (Dillon MD 9/8)
- 12080 ISRAEL Kol Israel in EG 2005, intntl mx, tlk re terrorists (Slagt ARUBA 9/13)
- 12085 SYRIA R. Damascus in EG 2005, mx, criticism of Egypt re Israeli PM visit (Slagt)
- 13660 USSR R. Peace & Progress in lang? 1504, tlk to 151F, mx, ID, IS (Hollerman 9/11)
- 13748 ISRAEL Kol Israel in lang? 1750, mx, tlk, IS, pips, ID in EG (Hollerman AL 9/11)
- 13770 NETHERLANDS RN in EG 1435, "Newline", Asian svc, (Thunberg PA 9/25) in AR 1615, AR mx, singing, tlk, IS, s/off 1624, g (Hollerman AL 9/10)
- 15020 SYRIA(c) SRS? in AR 1038, middle eastern chants, tlks (Stutterheim NY 9/7)
- 15060 SAUDI ARABIA BSKSA in AR 1355, ID, mx? (Slagt ARUBA)
- 15084 IRAN VOIRI in AR 1828, recitations to live audience, ID, jam (Dillon MD 9/14)
- 15105 ANTIGUA DW relay in PT 2225-45, beautiful GM art song, ID, g (Bobb MN 9/26)
- 15105 MOROCCO RTVM in AR 2111, AR mx, ID 2115, tlks over mx, f (Tutak WA 9/29)
- 15120 IRAQ R. Baghdad in EG 2012, mx to 2015, misc cmntry thereafter (Jones TX 9/6)
- 15140 CHILE RNC in SP 2358, tlk re Chilean copper industry, exc (Slagt ARUBA 9/23)
- 15220 SOUTH AFRICA RSA in EG 1258, IS, ID's, band mx, pips, mx brief, p (Park HI 9/20)
- 15240 AUSTRALIA RA in EG 0000, world mx, cmntry on Middle East, g (Slagt ARUBA 9/24)
- 15300 GABON RFI relay in FR 1830, countdown pgn, b w/het (Park HI 9/20)
- 15345 SWEDEN RSI in FR 1458, IS, ID, tlks, brief mx interludes, g (Bobb MN 9/13) also in SW/FR 1430-1515, poss. world & Nordic mx, jazz pgn (Jordan PA 9/14)
- 15375 SPAIN REE in EG 1826-1843, IS, ID, national, national & world mx (Bobb MN 9/27)
- 15395 AUSTRALIA RA in EG 2200, mx, rpt on S. Korean student uprising (Alcorn NJ 9/14)
- 15400 FINLAND RF in FN 1428, ID, possible mx, QPM from BBC (Bobb MN 9/9)
- 15430 UNITED ARAB EMIRATES R. Dubai in EG 1609, cultural pgn, ID, f (Kashiwabera CA)
- 15435 OMAN BBC relay in EG \*0030, "English by Radio", p (Hill MA 9/2)
- 15435 SINGAPORE BPC relay in EG 2345, "BBC Top 20", mx, p (Park HI 9/17) ED: WRTH rpts Singapore s/off 0030 but does not list Oman or s/on at 0030 after Singapore leaves. Does anyone have more definite info regarding the Oman relay?
- 15460nf? FRANCE RFI in FR 1745, anncmts, classical mx, p/w RTTY (Paszkievicz WJ 9/21)
- 15525 BANGLADESH RB in EG \*1230-1300\*, ID, freqs, mx, vocals, f (D'Angelo PA 9/7)
- 15560 NETHERLANDS RN in DT 2122, tlk re diversification of 3rd world products (Slagt)
- 15665 GREECE VOG in GK 1327, GR pop mx, ID 1328, song by A. Petriani (Slagt ARUBA 9/23)
- 17605 NETH. ANTILLES RN relay in DT 2147, tlk re mode show in Amsterdam (Slagt ARUBA)
- 17630 ISRAEL Kol Israel in EG 1320, mx, tlk re troop movements (Slagt ARUBA 9/23)
- 17705 IRAQ R. Baghdad in AR 1715, "Libya Corner Program", highly charged speech and crowd cheers, AR mx, //15255, f (Jordan PA 9/9)
- 17705 CZECHOSLOVAKIA R. Prague in IT? 1355-1410, TC on hr, mx, martial mx (Bobb MN)
- 17720 FRANCE RFI in FR 1430, ID on half hr, tlks, brief instr mx, f (Bobb MN 9/10)
- 17745 ALGERIA RTVA in AR 1310, tlks, US pop mx (Slagt) in EG 2001-2030, world mx, pop & rock mx, ID, p (D'Angelo PA 9/21, Dillon MD 9/14)
- 17770 SPAIN REE in SP 1014, mx re Spain, editorial, tlk re Khaddafi (Slagt ARUBA)
- 17775t SURINAM? RSI? in lang 1710-1730, sudden f/in w/ lite flute solo, occ'l mixed w/tlk in lang w/ment of Surinam & Brazil, ballads, p (Jordan PA 9/8) ED: RDI has UAE listed here in AR at rptd time. Can anyone provide more clarification?
- 17815 BRAZIL R. Cultura in PT 1256, ID, anncd added freq 9740, sports mx (Slagt ARUBA)
- 17845 SPAIN REE in SP 1350, comedy in SP, mx 1400, cmnts re Gibraltar (Slagt ARUBA)
- 17870 VATICAN STATE VR in SP 1353, tlk re future trip by Pope John to FE (Slagt ARUBA)
- 17890 UNITED ARAB EMIRATES R. Dubai in EG \*0330, mx, relic discussion (Hill MA)
- 215E3v IRAQ R. Baghdad in AR 1640-1700\*, variety of AF instr mx, mournful choral accompnmts, mx 1650, pips 1700, //17705, 13700, g (Jordan PA 10/1)



# FRENDX LOG REPORTERS

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FRENDX CONTRIBUTORS LIST \*\*\*\* NOVEMBER 1986 ISSUE \*\*\*\* DEADLINE = 12th Month

Sam ALCORN, Maplewood, NJ. (DX200+ICF6500W); Brian ALEXANDER, Mechanicsburg, PA.; Norman BOBB, Minneapolis, MN. (R1000+R600+XCR30); Richard D'ANGELO, Wyoming, PA (R70); Richard DICKSON, Goshen, OH. (FRG8800); Peter DILLON, Columbia, MD. (DX400) Marlin FIELD, Hillsdale, MI. (SPR4); Karl FORTH, Chicago, IL. (R70+HQ160); Kenneth HILL, Somerville, MA. (DX1000+ICF2010); Lynn HOLLERMAN, Huntsville, AL.; Brian JONES, SanAntonio, TX. (R70); Rufus JORDAN, Pittsburg, PA. (DX302+Zenith T=0); Ken KASHIWABARA, Panorama City, CA. (ICF2010+RF2800); Kevin KLEIN, Appleton, WI., (R71A+ICF2002); Harold LEVISON, Philadelphia, PA. (R70); Sheryl PASZKIEWICZ, Manitowoc, WI. (NRD515); Raymond SLAGT, ARUBA, W.I. (R2000+ICF7600D+DR28); M.T. STUTTERHEIM, Montauk, NY.; Bob THUNBERG, DuBois, PA. (R1000+CR2021+SPR4+S40B); John TUCHSCHERER, Neenah, WI. (R70+FRG7700); Pete TUTAK, Seattle, WA. (R70); David TWIGGS, Bristol, CT. (R70) \*\*\*\*

Welcome my friends to another edition of FRENDX. Although the list of names noted above may seem small in comparison to previous months, these fine folks have provided us with quite a few loggings this month.

Since today is the 13th of October, Columbus Day is being celebrated as a Holiday here in Massachusetts, as well as other states, and my worst fear is waiting to see what the mailman brings me on the morning of the 14th. Most likely he will bring me a load of contributions, however, since I must stay with the deadline of the 12th, I am forced to go ahead with the column as scheduled. I'd like once again to remind all contributors that your loggings and information must be in my hands prior to the 12th. It is not fair to the Editors for me to hold the deadline up because they need all the time they can get to sort and prepare their columns for the upcoming edition of FRENDX, so please check the dates carefully, I personally hate to see someones loggings arrive too late for the current edition and the editors have little use for outdated logs as well.

Starting with the next edition of FRENDX, we shall welcome aboard a new editor for the Computer Corner Column. Mr. Tom McElvy, a frequent contributor of ours, has taken on the job of editing the Computer column. I wish Tom all the best and I'm sure that he has some very interesting columns coming up for those of you who are interested in Computers, Bulletin Boards and other aspects of the Computer-SWL hobby.

For those of you who might be interested in some reading materials, I'd like to inform you that Mr. Fred Osterman of UNIVERSAL SHORTWAVE, 1280 Aida Dr. Reynoldsburg, OH. 43068, has his annual " Fall Book Bonanza" sale going on and is offering some really good buys on SWL related books. Now is the time to buy them gang, Fred has some real low prices on individual books as well as spectacular buys on several books grouped into particular listening areas as a set. Fred & Co. as usual have some of the best buys available on new and used SWL gear, despite the rapid rise in the value of the Japanese Yen, Fred is doing his best to keep the costs down as low as he can and its certainly not easy.

In closing for this month, I'd like to remind contributors that the only items you should be submitting to this editor is Frequency loggings. Of late there have been many items misdirected to me, and although I pass them along to the appropriate editors. I'd strongly urge you to forward all non-frequency items directly to the specific editor responsible for that particular area of FRENDX, it helps make their job easier by allowing for more lead time in preparing the columns they do each month.

That does it from here for this month my friends, be looking forward to seeing you all here again next month.

*Best = 73'*  
*John*

The DB6 season is here and the silliness of DST to ST strikes this weekend. As this is written just before both take effect, I am sure I missed some changes. Particularly for transmissions to the Americas, if you don't find something at the time listed, look one hour later. Some notes (in no particular order): My thanks to Nadira Babadjanova of R Tashkent for an interesting, informative letter. Unfortunately Tashkent has moved from 7325 to 7275 kHz at 1200 and 1330 which suffers SSB interference, but 41 m remains the best of all their frequencies. R Pakistan has dropped its best frequency for me (1600 on 17660) and now is very difficult to hear. R RSA at 1400+ on 21590 is bothered by Arabic on 21588, but otherwise has a good signal. R Japan's morning relay via Sackville on 6120 kHz is absolutely marvelous here, with very stable 40+ db/9 signals on all receivers. I had an interesting telephone conversation with Jack Bruce (WASUUD), CE at WRNO; he told me that the DB6 schedule puts WRNO back on 9852.5 kHz at 2230.

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John Gutman of Oberlin, OH, writes that the V of Nicaragua is broadcasting weeknights in English 0400-0500 on 6015 kHz but indicates the broadcasts are sometimes sporadic. Check it out. John has a GE 7-2990A receiver with no external antenna or accessories and wants suggestions to improve his reception. I cannot help; I do not know the receiver nor his environment. Perhaps a nearby NASWA member can contact John [OCMR Box 2100, ZIP 44074], survey the situation and make specific suggestions. Thanks for writing, John.

The ICOM R-71A receiver with filters is still for sale (see last month).

Thomas R. Sundstrom	:	The SOURCE:	BCF 811
PO Box 2275	:	Compuserve:	(send via MCI Mail)
Vincentown	:	MCI Mail:	244-6376
NJ 08088-2275	:		

Page No. 1  
10/24/86

This report covers changes entered between 09/28/86 and 10/24/86.

ENGLISH LANGUAGE SW BROADCAST SCHEDULES: By Country  
Compiled by Thomas R. Sundstrom, W2XQ

Start Time (UTC)	End Time (UTC)	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Freq #8	Freq #9	Freq #10	Target Area	Notes	Record Last Updated
** COUNTRY: Austria														
* STATION: DRF														
0300	0400	6155										NA	Sunday only	09/28/86
0430	0500	11830	6155	5945								ME/WNA/Eu		09/28/86
0630	0700	15410	6155	6000	5945							ME/W Afr/Eu		10/13/86
0830	0900	15410	11840	7210	6155	6000						ME/Aus/As/Eu		10/13/86
0900	0915	7210	6155	6000								Eu	Sunday only	10/13/86
1200	1230	15320	15270	11915	6155	6000						ENA/Aus/As/Eu	Sunday only	10/13/86
1230	1300	15320	15270	11915	6155	6000						ENA/Aus/As/Eu		10/13/86
1400	1500	7245										E As		10/13/86
1500	1530	7155	6155	6000								S As/W Afr/Eu		10/13/86
1805	1900	12015	9725	6000								ME/E&S Afr/Eu	Sat-Sun	10/13/86
1830	1900	12015	9725	6000								ME/E&S Afr/Eu	Mon-Fri	10/13/86
2130	2200	9655	6155	6000								W Afr/Eu		10/13/86
** COUNTRY: Belgium														
* STATION: BRT														
1630	1655	11695	9905									Afr	Non-Sat	10/18/86
** COUNTRY: Brazil														

1800	1850	15265				Eu		10/19/86	
** COUNTRY: Bulgaria									
* STATION: R Sofia									
0000	0100	11720	9700			NA/W Eu		09/28/86	
0400	0500	7115				NA		09/28/86	
0730	0800	15140	11720			W Eu		09/29/86	
1930	2000	11720	9700	6070		W Eu		09/29/86	
2130	2200	9700	7115	6070		Afr		09/29/86	
2230	2330	11720	9700			NA		09/28/86	
** COUNTRY: Canada									
* STATION: R Canada Int'l									
0000	0100	9755	5960			NA	Tue-Sat	10/18/86	
0001	0130	9755	5960			NA	Sun	10/18/86	
0100	0130	11940	11845	9525		LA		10/18/86	
0101	0130	9755	5960			NA	Mon	10/18/86	
0200	0300	9755	5960			NA	Tue-Sat	10/18/86	
0400	0430	9755	5960			NA	Mon	10/18/86	
1300	1400	15440	11955	11855	9650	NA		10/18/86	
1545	1600	17820	15315	11935	11915	9555	E Eu	all ex 17m v Eu rlys	
1800	1830	17820	15260			Afr	Sat/Sun to 1900	09/30/86	
1900	1930	17820	15260			Afr	Mon-Fri	09/30/86	
2000	2030	17875	15325	15105	11945	7285	5995	W Eu	M-F i 41/49m v UK
2100	2130	15325	11960			W Eu	Sa/Su to 2200	10/18/86	
2130	2200	15150	11945			Afr		10/04/86	
** COUNTRY: Czechoslovakia									
* STATION: R Prague									
0530	0545	11990	9505	6055		Eu		10/11/86	
0730	0800	21705	17840	11855		S&E As/Pac		10/11/86	

0830	0900	21705	17840	11855					S&E As/Pac	Sat & Sun to 0930	10/11/86	
1430	1457	21505	17705	15110	13715	11990	9605	7345	5930			10/11/86
1530	1625	21505	17705	15110	13715	11990	9605	7345	6055	5930		10/11/86
1630	1657	7345	5930									10/11/86
1730	1825	17705	15110	13605	11990	9605	7345	5930				10/11/86
1900	1927	7345	5930									10/11/86
2000	2027	7345	5930									10/11/86
2130	2200	6055										10/11/86

## \*\* COUNTRY: Fed Rep Germany

## \* STATION: R Deutsche Welle

0200	0250	9690	9650	7285	6035	5995						As	10/07/86
0430	0515	11765	9765	9565	7225	7150						S&C&E Afr	10/07/86
0615	0700	15185	11765	9700	9625							W Afr	10/07/86
0900	0950	21680	21560	17800	17780	15320	15205	15185	15160	11945		Aus/As	10/07/86
1000	1030	17765	15135	9735	7225							S&C&E Afr	10/07/86
1130	1200	17800	17765	15410	15135							W Afr	17800,15410 v Kigali 10/20/86
1500	1550	17825	15135	9735	7225							S&C&E Afr	10/07/86
1600	1650	15105	11785	9690	7200	6170						Aus/As	10/07/86
1800	1850	11785	9545	7285								S&C&E Afr	10/07/86
2100	2150	9765	9650	7130	6185							Aus/NZ	10/07/86

## \*\* COUNTRY: Finland

## \* STATION: R Finland

0530	0555	11755	9605	6120								Eu/NE	09/30/86
0730	0755	11755	6120									Eu	09/30/86
0830	0955	11935	11755	9655	6120							Eu/SA/Aus/E As	Sat only 09/30/86
0930	0955	11935	11755	9655	6120							Eu/SA/Aus/E As	except Sat 09/30/86
1200	1225	15400	11945									NA	Non-Fri 09/30/86
1300	1325	15400	11945									NA	Non-Sat 09/30/86
1330	1500	15400	11945									NA	Sun only 09/30/86

1300 1320 13400 13265  
 1930 2000 11755 9530 6120  
 1955 2000 11755 9530 6120  
 2030 2055 6120  
 2200 2225 9575 6120

\*\* COUNTRY: Greece

\* STATION: V of Greece

1235 1243 17565 15630 11645  
 1920 1930 9420 9395 7430

\*\* COUNTRY: India

\* STATION: AIR

1845 1945 11620 7412  
 1945 2045 11865 11620 9755 7412  
 2045 2230 11620 9910 7412

\*\* COUNTRY: Iraq

\* STATION: R Baghdad

2100 2300 15120

\*\* COUNTRY: Japan

\* STATION: R Japan

1130 1200 6120

\*\* COUNTRY: Kuwait

\* STATION: R Kuwait

0800 1100 15345  
 1800 2100 11675

NA/NE 09/30/86  
 Eu except Sat 09/30/86  
 Eu Sat only 09/30/86  
 Eu 09/30/86  
 Eu/Aus/E As Sat to 2300 09/30/86

NA Eng news 10/21/86  
 Eu Eng news 10/13/86

GOS/W Eu 10/13/86  
 GOS/W Eu 10/13/86  
 GOS/W Eu/Afr 10/13/86

Eu 10/24/86

NA via Sackville 10/18/86

Far E/S&E As/Aus/NZ 10/07/86  
 Eu/NA/Aus/NZ 10/07/86

\*\* COUNTRY: Norway

\* STATION: R Norway

0000	0030	9605	6035		
0400	0430	9590	7235		
0500	0530	11865	9590		
1000	1030	15230	15180	11865	9590
1300	1330	17770	15300	15185	9590 6040
1400	1430	15315	15310	9530	7255
1600	1630	15310	9590	7265	
1700	1730	11850	9655	9590	
1900	1930	9590	7265		
2000	2030	9525	6015		
2200	2230	9605	9525		

SA	Eng Mon only	10/13/86
NE/E Afr	Eng Mon only	10/13/86
NE/E Afr	Eng Mon only	10/13/86
S As/Eu/Far E/NZ	Eng Sun only	10/13/86
NA/Aus/Eu/Afr/S As	Eng Sun only	10/13/86
NA/S As/Aus	Eng Sun only	10/13/86
NA/CA/S As	Eng Sun only	10/13/86
NA/CA/Afr/Eu/NE	Eng Sun only	10/13/86
Eu/Afr	Eng Sun only	10/13/86
Eu/W Afr/SA	Eng Sun only	10/13/86
W Afr/SA	Eng Sun only	10/13/86

\*\* COUNTRY: Pakistan

\* STATION: R Pakistan

1600	1615	15595	11615	9885	
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NE/GOS	Slow-speed news	10/19/86
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\*\* COUNTRY: Portugal

\* STATION: R Portugal

0030	0100	9680			
0300	0330	9705			
1600	1630	15235			
1730	1800	15250	11915		
2030	2100	9605	6155		

ENA	Tue-Sat	10/21/86
WNA	Tue-Sat	10/21/86
NE	Mon-Fri	10/21/86
Afr	Mon-Fri	10/21/86
Eu	Mon-Fri	10/21/86

\*\* COUNTRY: Romania

\* STATION: R Bucharest

1200	1230	15345	11740	9530	
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As	10/13/86
	10/13/86

\*\* COUNTRY: Spain

\* STATION: Sp Foreign Radio

0500	0600	9630				
1830	1930	15375	15215	9765	7275	6020
2300	0000	9620	7105	6020		

WNA/Aus/NZ  
NE/Afr/Eu  
Eu

10/20/86  
10/20/86  
10/20/86

\*\* COUNTRY: Switzerland

\* STATION: R Swiss Int'l

0200	0230	12035	9885	9725	9625	6135
0830	0900	15570	11905	9885	9560	
1000	1030	15570	11905	9885	9560	
1100	1130	15585	15570	11855	11795	
1330	1400	15570	11955	11905	9885	9730
1530	1600	15430	11935	11840	9885	
1830	1900	11955	9535			
2100	2130	12035	11955	9885		

NA  
Aus/NZ  
Aus/NZ  
SE As/Aus/NZ  
E Afr/India/Aus/NZ  
NE/E Afr  
Afr  
Afr

10/18/86  
10/18/86  
10/18/86  
10/13/86  
10/18/86  
10/18/86  
10/18/86  
10/18/86

\*\* COUNTRY: Turkey

\* STATION: V of Turkey

0400	0450	17760	9560			
1330	1400	17880				
2100	2150	7215				
2300	2350	17760	9560	7225	7215	

SE As/NA  
SW As  
Eu  
SE As/NA/NE/Eu

10/18/86  
10/18/86  
10/18/86  
10/18/86

\*\* COUNTRY: United Arab Emirates

\* STATION: R Dubai

0330	0415	15435	11940	9640	7105	
0530	0600	21700	17775	15435	11730	
1030	1130	21605	17865	17775	11730	
1330	1400	21605	17865	17775	11940	
1600	1640	15435	15320	11955	9640	

NA  
Far E/Aus/As  
Eu/Afr  
Eu/Afr  
Eu/Afr

09/30/86  
09/30/86  
09/30/86  
09/30/86  
09/28/86

\*\* COUNTRY: USA

\* STATION: KCBI

175B 2100 11735

10/24/86

\* STATION: WRND

0000 0400 7355

10/24/86

0400 0600 6185

10/24/86

0600 1200 6185

Sun

10/24/86

1200 1430 9715

Sun

10/24/86

1430 1500 11965

Sun

10/24/86

1500 1600 15420

Sun

10/24/86

1600 2100 15420

10/24/86

2230 0000 9852

10/24/86

\*\* COUNTRY: USSR

\* STATION: R Kiev

0030 0100 13605 7205

NA

10/04/86

0300 0330 7205 7175 7165

NA

10/04/86

\* STATION: R Moscow

0400 0800 11770 9500 7290 6150 5900

MNA

add'l freqs in use

10/23/86

2300 0400 12050 11770 7150 7115 5980 5910

ENA

add'l freqs in use

10/23/86

\* STATION: R Tashkent

1200 1225 11785 9600 9540 7275 5945

As

10/16/86

1330 1355 11785 9600 9540 7275 5945

As

10/16/86

\* STATION: R Vilnius

2230 2300 6100

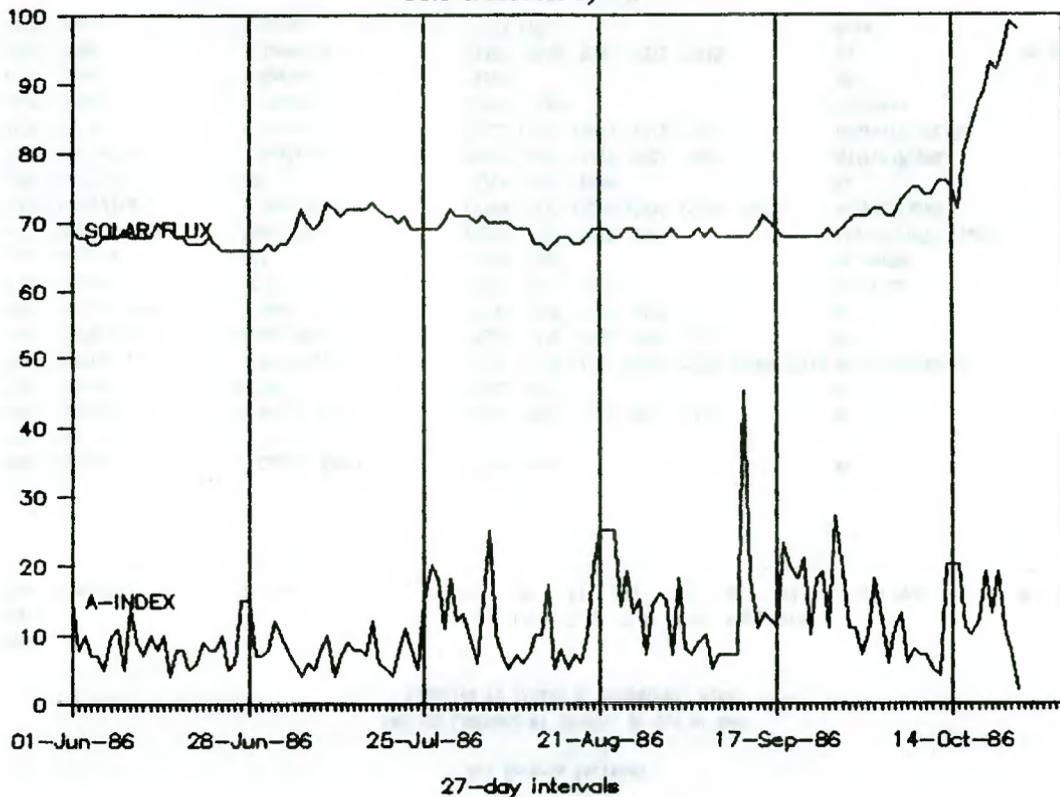
10/04/86

2300 2330 15180 13645 11790 7165 6035

10/04/86

# SOLAR FLUX & A-INDEX: Jun - Oct 86

Data broadcast by WWV



10/24/86

## All Records Included

ENGLISH LANGUAGE DX SHOWS: By Day of Week

Compiled by Thomas R. Sundstrom, W2IQ

Shortwave DX Program	Show Xmas Start Time	Country	Station	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Target Area	Notes re DX Show	Record Last Updated
** DAY OF THE WEEK: Sunday													
SWL Digest	0005	0001	Canada	R Canada Int'l	9755	5960					NA		10/18/86
World of Radio	0030	2330	USA										10/18/86
SW Merry-Go-Round	0220	0200	Switzerland	R Swiss Int'l	12035	9885	9725	9625	6135		NA		05/16/86
DX Party Line	0230	0200	Ecuador	HCJB	9870	6230					NA		05/03/86
Talkback	0310	0300	Australia	R Australia	17795	17750	17715	15395	15320	15240	15160	As/Pac/PapMG/Afr	10/13/86
DX Corner	0315	0300	South Africa	Radio RSA	9585	7270	5980	4990	3230		Afr		09/20/86
SW Merry-Go-Round	0420	0400	Switzerland	R Swiss Int'l	12035	9885	9725	6135			NA		05/16/86
DX Party Line	0630	0500	Ecuador	HCJB	11910	9870	6230				Americas		05/03/86
Radio World	0640	0615	Belgium	BRT	21810	9880					SE As/NA		09/28/86
DX Corner	0650	0630	South Africa	Radio RSA	15270	11900	9585	5980			SLW Afr/UK/Ireland		09/28/86
Talkback	0710	0700	Australia	R Australia	17750	17715	15395	15240	15160	9655	As/Pac/PapMG		09/22/86
Shortwave Panorama	0905	0900	Austria	ORF	7210	6155	6000				Eu		09/13/86
Talkback	0910	0900	Australia	R Australia	15415	11720	9710	9655	9580		As/Pac/PapMG		06/01/86
DX Corner	0915	0900	Japan	R Japan	15235	11955	11875	11815	7140		GOS/As/Eu/ME/Dc		09/21/86
DX Corner	1115	1100	Japan	R Japan	11815	7140					GOS/Asia		09/21/86
DX Corner	1145	1130	Japan	R Japan	6120						NA		10/18/86
DX Programme	1200	1200	USSR	R Tashkent	11785	9600	9540	7275	5945		As	Su after 2nd Sat/mo	10/16/86
DX Corner	1225	1215	Japan	R Japan	15235	11875					Asia		09/21/86

Shortwave Panorama	1235	1230	Austria	ORF	15320	15270	11915	6155	6000			ENA/Aus/As/Eu	09/13/86
Talkback	1240	1200	Australia	R Australia	11800	9770	9710	9580	7215	7205	6080	As/Pac/PapMG	10/13/86
World of Radio	1400	1400	USA										10/18/86
Shortwave Panorama	1430	1400	Austria	ORF	7245							E As	09/28/86
Talkback	1710	1530	Australia	R Australia	9580	7215	7205	6080	6060	6035	5995	As/Pac/PapMG	10/13/86
Shortwave Panorama	1805	1805	Austria	ORF	12015	9725	6000					ME/E&S Afr/Eu	09/28/86
DX Corner	1810	1800	Japan	R Japan	9675							As/Afr	09/21/86
Radio World	1830	1830	Belgium	BRT	9905	5910						Eu	09/28/86
World of Radio	1830	1758	USA	KCBI	11735								10/24/86
DX Corner	2020	2000	Israel	Kol Israel	13725	12080	11960	9435	9009	7465		NA/Eu/Afr	09/07/86
Talkback	2040	2030	Australia	R Australia	9620	9580						As/Pac/PapMG	07/20/86
DX Corner	2140	2100	South Africa	Radio RSA	11775	7270	4810					W&C Afr/Ireland	09/07/86
Radio World	2200	2200	Belgium	BRT	5910							NA/Eu	09/28/86
DX Corner	2250	2230	Israel	Kol Israel	13725	11960	9855	9435	9009	7465		NA/Eu	09/07/86
SWL Digest	2305	2300	Canada	R Canada Int'l	11710	9755						Carib	05/31/86
R Sofia Calling	2315	2230	Bulgaria	R Sofia	11720	9700						NA	09/28/86
DX Corner	2315	2300	Japan	R Japan	15235	11815	9675	9645	7140			GDS/Am/Eu/ME	09/21/86
DX Spot	2345	2300	Spain	Sp Foreign Radio	9620	7105	6020					Eu	10/24/86
** DAY OF THE WEEK: Monday													
DX Corner	0020	0000	Israel	Kol Israel	9435	7465	5885					NA	05/19/86
Radio World	0030	0030	Belgium	BRT	9925	5910						SA/NA	09/28/86
R Sofia Calling	0045	0000	Bulgaria	R Sofia	11720	9700						NA/W Eu	09/28/86
DX Spot	0045	0000	Spain	Sp Foreign Radio	9630	6125						NA	06/01/86
DX Corner	0120	0100	Israel	Kol Israel	9435	7465	5885					NA	05/19/86
DX Spot	0145	0000	Spain	Sp Foreign Radio	9630	6125						NA	06/01/86
DX Corner	0220	0200	Israel	Kol Israel	9435	7465	5885					NA	09/07/86
DX Corner	0240	0200	South Africa	Radio RSA	9615	6015	5980					NA	09/07/86
Shortwave Panorama	0435	0430	Austria	ORF	11830	6155	5945					ME/WNA/Eu	05/19/86

R Sofia Calling	0445	0400	Bulgaria	R Sofia	7115				NA	09/28/86
DX Spot	0545	0500	Spain	Sp Foreign Radio	9630				NA/Aus/NZ	05/19/86
DX Party Line	0930	0700	Ecuador	HCJB	11925	9745	6130		S Pac	05/03/86
DX Party Line	2130	2130	Ecuador	HCJB	17790	15270			Eu	05/03/86

\*\* DAY OF THE WEEK: Tuesday

DX Program	0150	2300	USSR	R Moscow	12050	11770	7150	7115	5980	5910	EMA	09/23/86
DX Party Line	0230	0200	Ecuador	HCJB	9870	6230					NA	05/03/86
SW Merry-Go-Round	0330	0258	USA	WHRI	7355							09/30/86
DX Program	0350	2300	USSR	R Moscow	12050	11770	7150	7115	5980	5910	EMA	09/23/86
DX Party Line	0630	0500	Ecuador	HCJB	11910	9870	6230				Americas	05/03/86
Sweden Calling DXers	2310	2300	Sweden	R Sweden	11705	9695					EMA	05/13/86

\*\* DAY OF THE WEEK: Wednesday

DX Party Line	0930	0700	Ecuador	HCJB	11925	9745	6130				S Pac	08/25/86
DX Party Line	2130	2130	Ecuador	HCJB	17790	15270					Eu	08/25/86

\*\* DAY OF THE WEEK: Thursday

DX Party Line	0230	0200	Ecuador	HCJB	9870	6230					NA	08/25/86
DX Party Line	0630	0500	Ecuador	HCJB	11910	9870	6230				Americas	08/25/86
Media Network	1150	1130	Netherlands	R Nederland	21480	17605	17575	15560	9715	5955	Eu/NE/As	08/22/86
DX Corner	1315	1300	South Africa	Radio RSA	21590	15220	7270				Afr/NE/UK/Ireland	09/28/86
Media Network	1450	1430	Netherlands	R Nederland	17575	15560	13770	11735	5955		S&E As/Eu	09/04/86
Media Network	1650	1630	Netherlands	R Nederland	15570	6020					S&E Afr	09/04/86
Media Network	1850	1830	Netherlands	R Nederland	21685	17605	9540	6020			Afr/Eu	08/22/86
Media Network	2050	2030	Netherlands	R Nederland	11740	9895	9715	9540			W Afr	08/22/86

\*\* DAY OF THE WEEK: Friday

Media Network	0250	0230	Netherlands	R Nederland	9895	9590	6165	6020			EMA	05/30/86
Sweden Calling DXers	0330	0258	USA	WHRI	7355							09/28/86
Duke A.'s DX Report	0350	0258	USA	WHRI	7355							09/28/86

DX Corner	0935	0900	Japan	R Japan	15235	11955	11875	11815	7140	60S/As/Eu/ME/Oc	15235/11875 to AusNZ	09/21/86
World of Radio	2030	1758	USA	KCBI	11735							10/24/86
R Sofia Calling	2145	2130	Bulgaria	R Sofia	9700	7115	6070			Afr	1st of wkend series	09/29/86

\*\* DAY OF THE WEEK: Saturday

R Sofia Calling	0025	0000	Bulgaria	R Sofia	11720	9700				NA/W Eu		09/28/86	
DX Corner	0235	0200	Japan	R Japan	17825	15420	15195			Americas		09/21/86	
SW Club	0302	0300	Hungary	R Budapest	12000	9835	9585	9520	6110	6025	NA	06/06/86	
World of Radio	0400	0300	USA									10/18/86	
DX Corner	0435	0400	Japan	R Japan	9505						Americas	09/21/86	
Radio World	0640	0615	Belgium	BRT	21810	9880					SE As/NA	09/28/86	
R Sofia Calling	0745	0730	Bulgaria	R Sofia	15140	11720					W Eu	09/29/86	
DX Party Line	0930	0700	Ecuador	HCJB	11925	9745	6130				S Pac	05/03/86	
SW Merry-Go-Round	1115	1100	Switzerland	R Swiss Int'l	15585	15570	11855	11795			SE As/Aus/NZ	09/06/86	
DX Programme	1330	1330	USSR	R Tashkent	11785	9600	9540	7275	5945		As	2nd Sat of month	10/16/86
Radio World	1335	1330	Belgium	BRT	15590	15580					SE As/NA	09/28/86	
SW Merry-Go-Round	1345	1330	Switzerland	R Swiss Int'l	15570	11955	11905	9885	9730		E Afr/India/Aus/NZ	09/04/86	
SW Merry-Go-Round	1545	1530	Switzerland	R Swiss Int'l	15430	11935	11840	9885			ME/E Afr	05/24/86	
Radio World	1635	1630	Belgium	BRT	11695	9905					Afr	09/28/86	
SW Club	2015	2000	Hungary	R Budapest	12000	11910	9835	9585	7220		Eu	08/09/86	
SML Digest	2115	2100	Canada	R Canada Int'l	15325	11960					W Eu	10/18/86	
SW Merry-Go-Round	2115	2100	Switzerland	R Swiss Int'l	12035	11955	9885				Afr	05/24/86	
DX Party Line	2130	2130	Ecuador	HCJB	17790	15270					Eu	05/03/86	
DX Radio Tips	2130	2100	Turkey	V of Turkey	7215						Eu	Biweekly	10/18/86
SML Digest	2135	2130	Canada	R Canada Int'l	15150	11945					Afr	10/13/86	
DX Radio Tips	2330	2300	Turkey	V of Turkey	17760	9560	7225	7215			SE As/NA/ME/Eu	Biweekly	10/18/86



COMITE INTERNATIONAL DE LA CROIX-ROUGE  
INTERNATIONAL COMMITTEE OF THE RED CROSS

DEPARTEMENT DE L'INFORMATION  
INFORMATION DEPARTMENT

RED CROSS BROADCASTING SERVICE

November, 1986 - February, 1987

Target Area	Time (UTC)	Language	Frequency (kHz)	Day of Transmission	Date
EUROPE	1100 - 1130	EN	7210	Sundays :	30.11.86
	1130 - 1200	FR	7210		28.12.86
	1200 - 1220	GE	7210		25.01.87
	1220 - 1240	SP	7210		22.02.87
EUROPE	1700 - 1730	EN	7210	Mondays:	01.12.86
	1730 - 1800	FR	7210		29.12.86
	1800 - 1820	GE	7210		26.01.87
	1820 - 1840	SP	7210		23.02.87
AUSTRALASIA	0740 - 0757	EN	9560		
	0740 - 0757	EN	9885		
	0740 - 0757	EN	11905		
	0740 - 0757	EN	15570		
FAR EAST	1040 - 1057	EN	9665		
	1040 - 1057	EN	9870		
	1040 - 1057	EN	11795		
	1040 - 1057	EN	15570		
SOUTH AND SOUTH-EAST ASIA	1310 - 1327	EN	9730	Mondays:	01.12.86
	1310 - 1327	EN	9885		29.12.86
	1310 - 1327	EN	11905		26.01.87
	1310 - 1327	EN	11955		23.02.87
	1310 - 1327	EN	15570		
NEAR EAST AND EAST AFRICA	1510 - 1527	AR	9885	Thursdays:	04.12.86
	1510 - 1527	AR	11840		01.01.87
	1510 - 1527	AR	11935		29.01.87
	1510 - 1527	AR	15430		26.02.87
AFRICA	1710 - 1727	FR/EN	9670		
	1710 - 1727	FR/EN	9885		
	1710 - 1727	FR/EN	12035		
	1710 - 1727	FR/EN	9535		
	1710 - 1727	FR/EN	11955		
SOUTH AMERICA	2210 - 2227	PO	5965		
	2210 - 2227	PO	9625		
	2210 - 2227	PO	9885		
	2210 - 2227	PO	12035		
NORTH AND CENTRAL AMERICA	0110 - 0127	SP	6135	Tuesdays:	
	0110 - 0127	SP	9625		02.12.86
	0110 - 0127	SP	9725		30.12.86
	0110 - 0127	SP	9885		27.01.87
	0110 - 0127	SP	12035		24.02.87
	0310 - 0327	EN	6135	Fridays:	05.12.86
	0310 - 0327	EN	9725		02.01.87
	0310 - 0327	EN	9885		30.01.87
	0310 - 0327	EN	12035		27.02.87

AR=Arabic / EN=English / FR=French / GE=German / PO=Portug. / SP=Spanish

## RED CROSS BROADCASTING SERVICE

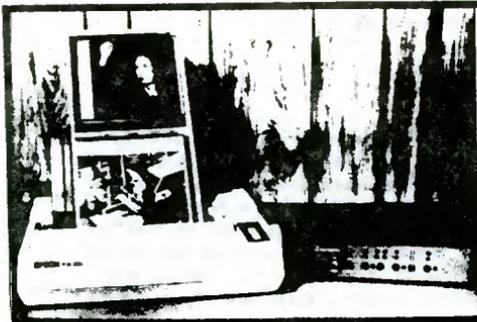
The RED CROSS BROADCASTING SERVICE began during the final days of World War Two, when the ICRC broadcast lists of prisoners awaiting repatriation, and of people who were missing because of the war. In 1948 the ICRC was granted the use of a frequency in time of major crisis, and then began test transmissions. It has its own recording studio in Geneva and broadcasting facilities are given free of charge by the Swiss PTT and Swiss Radio International. The programmes (in English, French, German, Spanish, Portuguese and Arabic) contain news of Red Cross action around the world. RCBS has listeners in every continent and welcomes reports, comments and questions (IRC appreciated). Reports are confirmed by QSL card.

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The INTERNATIONAL COMMITTEE OF THE RED CROSS (f. 1863), founding body of the Red Cross movement, is a private, non-political, independent organisation. Acting as a neutral intermediary in war and strife, the ICRC provides protection and assistance for prisoners of war and civilian detainees, to the war wounded and to civilians in occupied or enemy territory. It also visits political prisoners. The ICRC's role is founded in the four Geneva Conventions of 1949 but it also has a humanitarian right of initiative which allows it to offer its services to help people suffering because of conflict.

The Geneva-Based LEAGUE OF RED CROSS AND RED CRESCENT SOCIETIES, founded in 1919, is the international federation of national Red Cross and Red Crescent societies. It encourages the creation of national societies and helps them develop their services to the local community. It organises relief for the victims of natural disasters and for refugees, and promotes the adoption of disaster-preparedness plans.

National RED CROSS or RED CRESCENT societies exist in most countries. Membership is open to everyone - there are nearly 250 million members all over the world. The societies' work includes emergency relief, health services and social assistance, first aid courses, training of nurses, blood services and youth programmes. In war, national societies serve as auxiliaries to the official medical services.



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