

RADIO NUEVO MUNDO
"LA PRIMERA EN INFORMACION"
c/o Tetsuya HIRAHARA, 5-6-6 Nukui-kita, Koganei-shi
TOKYO - JAPON

Tokyo

Dear DX editor,

At last the latest edition of "LA DXing", a 293 page booklet for serious Latin American DX'ers, is out! Supported by several DX'ers around the world, RNM was able to compile the fourth edition of the world famous booklet "LA DX'ing". The contents have been totally revised to include the latest information for sections like "Station Schedule", "List of Verie-signers" and "Station IDs". And that more than fifty (50) short wave radio station profiles are appeared, mainly featuring Colombian and Central American stations. In addition, you can enjoy reading articles like "Broadcasting in Suriname", "Latin American QSLing", etc. (For further details on the contents, please refer to the attached paper, thank you.)

We do not think that the "LA DXing" is a "must" for DX'ers, but we are quite sure that this will be a "collectors' item", because it contains full of unique information on Latin American stations, which cannot be found at any other publication. For example, do you know which radio station in Latin America has the largest target area? HCJB?, no. R.Nacional do Brasil?, no. RAE?, no! The answer is not found in the "Guinness Book", but in the "LA DXing No.4". According to the station identification, Radio Inca del Perú, Lima, claims to be "transmitting to the earth and all the solar system".

We would be most grateful for any publicity you could give this publication in your next club bulletin and/or DX program, as well as in your letter to your DX fellows.

Copies are available as follows:

- (1) Airmail delivery: US\$18.-/DM33.-/£11.-/FF107.- or 23 IRC's
- (2) Seamail delivery: US\$12.-/DM22.-/£8.-/FF72.- or 16 IRC's.

Method of payment:

- (1) cash (no coins, please!),
 - (2) International postal money order,
 - (3) Postal giro account (Tokyo 8-89806 Tetsuya HIRAHARA)
- (Note) No checks accepted.

Order from: Takayuki INOUE (RNM)
18-11 Fujimi-cho, Hachioji-shi
Tokyo 192, JAPAN.

Ask special price for a bulk order!!! (Please make inquiries to T.Hirahara).

Thank you, in advance, for your kind cooperation on this matter.

Best DX'ing and 73's!



Tetsuya HIRAHARA
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November 1987



radios at the ready! Let the DXing begin! The improvement in conditions is now quite noticeable — and just in time. I hope that everyone is enjoying the improved conditions in the new DX season. Welcome to another busy CONTACT — look for some especially interesting items in CONTACT NOTES. There is a lot to think over this month, and I hope you enjoy all of it.

The following letter from *Mike Light* (Malverne, New York) is somewhat longer than most letters, and I want to run all of it. It is a nice blend of the technical and the philosophical, and deserves your full attention:

[Mike entitles his letter "TU-BE or not TU-BE"] In June of 1982 I purchased what I believed to be my dream receiver. The ultimate DX machine. The Drake R7S (modified by Gilfer). Finally, after being a SWLer for over 10 years I would no longer wonder what it would be like to DX on a real pro rig, I would know first hand.

Oh sure, I still had my SPR-4, which I upgraded to in 1976 from an SX-190 (which I upgraded to in 1973 from my first receiver — the little Hallicrafters S-125, which I had purchased in 1971 when I first decided to do something about this desire I had to listen to distant radio stations. Those were and are fine radios. But an R7A — the radio about which Larry Magne said "unsurpassed for flushing out DX signals." And Don Jensen said "maybe the best receiver I ever used." Man, I would probably never even think about owning another rig...

Well, 5 years and 4 rigs later I've once again realized two things: first, never say never, and, second, a real dyed-in-the-wool SWLer or DXer will never stop wondering about that other radio, no matter which one or how many he owns.

Yes, I still have the R7A, it's still mint and it still is a superb radio. But somewhere along about 1984 (2 years after I purchased the R7A) I started thinking about other radios. But not the modern, more sophisticated models. Heck, I figured, except for keypad tuning (big deal) the new ICOMs and Kenwoods had nothing on the R7A anyway. No, I started thinking about older, more venerable rigs. The ones that many of us used to salivate over in *Popular* and *Elementary Electronics* and the great *Communications Handbook* back in the late 60s and early 70s. The names, just the mere mention of which, would start the blood racing. Hallicrafters, Hammarlund, and, if we really dared to dream, Collins and Racal.

I can vividly remember going to Harrison Radio in lower Manhattan around 1971 or so and being mesmerized by dozens and dozens of used receiver staring at me from the shelves, as well as the new receiver I wanted so bad I thought of knocking over a bank for (hi!) — the Hallicrafters SX-122A. To me, that was the ultimate DX machine. For \$500 it had to be. I wondered:

"Could any lucky DXer really afford that radio?" I knew I couldn't. If anyone had told me back then that I would someday buy a radio that cost three times more than the SX-122A I would probably have personally driven him to the nearest state hospital. How times change. But one thing hasn't changed. That was the yearning to experience and own different types of radios. And having owned and used what was considered solid-state-of-the-art receivers, I turned my attention to the older tube-type receivers. That's right, the boat anchors as they are so affectionately called. But I didn't buy the SX-122A (the radio I thought I could never afford), not right away anyway. Instead I began shopping for the Hammarlund top of the line equipment, the HQ-180 and after much research I picked one up from a DXer in the midwest and put it to work. After using the 180 for a few months it was easy to see why it commanded big bucks when new, and why it is still in many shacks today. It was, and is, a great radio. By now I was hooked on tube receivers.

Approximately 6 months after I purchased the HQ-180 a friend of mine, who services and repairs transceivers and receivers, asked me if I would be interested in buying another older tube receiver. "That depends," I said. "What kind?" He told me that it was a Collins 51-S1. I confessed that I was not familiar with it, but I knew the reputation the Collins name had in Amateur circles. I said I would consider it. That night I dug through some old *Communications Handbook* magazines and there it was, picture and all, the 51-S1. I read the brief overview and description and was somewhat impressed. I also could not believe what the radio cost brand new. They had to be selling a lot to the military, I thought. Anyway, about 2 days later I went to see the radio and I figured the price was good and I always wanted to own a Collins radio, so I bought it. Now, I knew it was a good radio and I thought it would just be another tube receiver to add to my collection. I was wrong. The Collins 51-S1 is without a doubt, the finest all around receiver I have ever used. Yes, better than the R7A even with passband tuning. And the biggest mystery to me over the 2 years I've owned it is why haven't other DXers discovered what a fine receiver this is. If you speak to Ham operators they all know, witness the fact that in the Ham Trader Papers there are always more people looking to buy one than there are sellers.

Now remember, earlier I said the 51-S1 was the finest receiver that I have ever owned. Not that's *ever* been used. This is my opinion and I'm sure that everyone has their favorite. But over the years I have tried 10 different receivers and still own 9 including the R-390A and another excellent older tube rig, the Racal RA-17; as well as 4 different solid state, more Modern receivers. And yet my 51-S1 is still my lead receiver. No, it doesn't have digital display readout; it does, however, have direct frequency readout to 1kHz (which is enough for me). It doesn't have keypad tuning or memory or passband tuning — none of the bells and whistles everyone seems to be looking for these days. It doesn't have any of this.

But it does have a rugged, professional quality that was synonymous for years with the Collins name. It also has an audio cleanliness that no solid state receiver can come close to, including my R7A. It also has (5 kHz AM mechanical & 2.7kHz SSB) a selectivity that rivals the 5 kHz bandwidth filter position on the Drake; and when you master ECSS, selectivity is even better. It is also just as sensitive as anything I've ever used and is a great match to my McKay-Dymack DA100 active antenna. (Signals were a little less strong with a 75' long wire). The best features I found with the 51-S1 is the RF to AF gain ratio. It is still the only receiver I've ever used that allows me to, by decreasing the RF gain somewhat, to tune out much RFI and QRN without decreasing the audio signal. In every other radio I own, when I turn down the RF gain I lose some of the desirable audio and I have to turn up the volume (AF) which increases the QRN. Not with the 51-S1. This feature alone is invaluable to me living in a high noise area. Now I must be honest, the 51-S1 is an excellent radio but it is not perfect. I find the notch filter (it's more like a Q-multiplier) only adequate, and not as good as the Drake or the HQ-180; and tuning can be tedious (going from 15.1MHz to 4.8MHz can take time), but I don't mind

because I feel the overall quality of this radio more than makes up for some minor inconveniences.

Don't get me wrong. I'm not advocating that everyone go out and buy a 51-SI or other vacuum tube receiver instead of a JRC, Kenwood or ICOM. What I am saying is that if you are looking to buy another radio, maybe a backup rig, consider an older tube receiver. I mentioned earlier that I also own a Racal Ra-17. It's not a 51-SI or R7A but it is a great old receiver, rich with history, a joy to operate, and, don't fool yourself, chances are whatever you can hear on your state-of-the-art receiver, you can hear on an older tube model and maybe with sharper audio and at half the price.

By the way, I finally did purchase my 1971 dream receiver, the SX-122A. Do I expect to hear great DX on it? Probably not. I just feel it's nice to own some of the top models of yesterday, and anyway, I'm not so sure I want today's radio manufacturers to make it foolproof for me to DX. I want to do some of the work too! However, if some company makes a radio that can pull in Bhutan, Burma, or Tristan, all in English, I guess I'd be interested (hi).

I hope that NASWA members found this article enjoyable and maybe even struck a chord for many of you, I don't think we're all that much different in our pursuit of this great hobby. If you have a favorite old receiver or similar story maybe you too could share it with the membership.

The whole raft of questions and quandries that surround the choice of a receiver is, in many ways, uncharted territory. Yes, I know that there are any number of excellent sources for technical specifications and reviews (e.g., Radio Database International White Papers — which are excellent), but there are personal preferences involved as well. We all come to SWLing with a unique set of wants, backgrounds and intentions; these things in turn influence our choice of receiver. Mike has told us about his — now it is your turn.

John Eckert's letter about his bedside alarm-clock radio's ability to receive SW broadcasts continues to attract comment. The following, from C. C. *Boehnke* (Kaaau, Hawaii), addresses not only that interesting matter, but another as well:

Many hundreds of years ago when I was first starting out in DXing we used to have what we called "Pie Plate" shortwave. It was very simple! You took an ordinary pie plate, one of the metal tinfoil ones, and held it up against the loop on the back of your AM radio. In those days the loop was not a "loopstick" but was a real loop which usually was mounted at the back of the receiver. If the radio had the usual configuration of oscillator/mixer front end with no RF amplifier the pie plate would do a very credible job of getting shortwave reception. Since the loop antenna was a part of the tuned circuits of the front end, any change in inductance or capacitance would

PIE PLATE SWLING?

change the frequency range the radio would tune. It would resonate at whatever frequency the tuning capacitor, antenna AND PIE PLATE would come up with. By moving the pie plate around and changing the distance from the loop antenna on the radio, one could literally tune the thing with some degree of repeatability after getting the hang of it. My Dad finally got me my own shortwave radio, but I'll never forget the "Pie Plate" shortwave. Seems to me I remember seeing this written up once on some magazine way back when. So, that is really the reason people can hear SW signals on their AM radios. The front ends are so unselective and usually do not have any sharply tuned circuits that they will accept even relatively weak signals outside of their intended range. I have a Panasonic portable radio, model RF-1405, which gets shortwave every night up on the high end of the BCB, usually 1000kHz or higher. Reception is pretty much confined to utilities between 10 and 11MHz. I have never bothered to figure out mathematically what happens, it suffices to know it is caused by the unselective front end on the radio. There is probably no real RF stage in the AM section of the radio with none of the tuned circuits

associated with such a stage. This, shortwave! The designers probably never felt the L/C "Q" was anything to worry about. I could probably fool around with the radio and get the 31-meter SWBC band on it if I wanted to try. But, I'll let my R-70 do the SWL/DXing for me!

Has anyone noticed how expensive the SWL/DX hobby is becoming? I find myself only belonging to just two clubs now, NASWA and ASWLC. It is just too much money to spend in these days of dwindling economy. I still get *Popular Communications* and *Monitoring Times* but no doubt one of those may have to be dropped eventually. There are many SWL books I would like to buy too, but plain cannot afford! Prices are up to where it takes a pretty good investment, now, to get into the hobby well enough to insure enjoyment. I used to belong to several foreign clubs as well as all the major U.S.A. clubs. But the costs are up to where this is no longer possible. That brings me to my point. Does anybody have any ideas or thoughts on setting up some kind of "DX Club Exchange Service" or something of that nature. Perhaps one of the major clubs (NASWA?) could set up a section devoted to that situation, sort of like a QSL Bureau like the ARRL has for amateur radio operators. This would be for the exchange of club bulletins and perhaps even verifications too! I sure would like to be able to get these other bulletins; I miss the foreign ones a lot! I'm sure there is a solution, perhaps some kind of bulk mailing thing where the postage costs would be sharply reduced. You might throw the idea out and see what kind of response and/or ideas come in. I think it would be a worthwhile thing to try to start.

I am gratified that we have been able to deal constructively with the puzzle of the overactive bedside radio. Notice that, in so doing, we have also been given an interesting view of some out-of-the-way technicalities that serve, I hope, to illuminate our enjoyment of the SWL hobby. By the way, the 'front end' of a receiver is, essentially, what the antenna plugs into: it is the first part of the radio that processes the signal, and is also known as the 'RF (i.e., Radio-Frequency) stage' of a receiver. "Q" stands for Quality factor and is a measure of the narrowness of the band that the receiver (or, in other circumstances, the antenna) will tune most effectively.

We have all, I am sure, had to deal with the questions that arise out of the problems associated with applying fewer dollars to expanding interests and sources of information. It is never easy to choose. Should we buy the new receiver, and sell the wife and kiddies into white slavery? What would the neighbors say? Or should we subscribe to all of the magazines and bulletins and simply forget about trivial, mundane things like groceries? The answer, of course, is to choose carefully and use those sources of information that we have at hand to their fullest. Needless to say, it is clear that *FRENDX* is a pretty good choice for information, and your participation in its activities makes it even better.

Your suggestion of having some sort of central clearinghouse for information from all of the clubs who wanted to participate in the project is an interesting one, although, like you, I really don't have any idea about how it would work. (*Monitoring Times*, which you mention, used to have a very useful column that surveyed the activities of the various radio clubs on a monthly basis.) Does anyone have any suggestions? (See below in CONTACT NOTES for an intriguing suggestion from *Chuck Rippel* for facilitating the flow of information.) For the present, however, notice that Glenn Hauser's column *Listener's Notebook* creates a monthly synthesis of material from any number of sources including a large number of clubs, to say nothing of the BBC Monitoring Service. Glenn's column is an excellent and convenient place starting point to obtain an idea of what is going on in the world of DX.

Still, we need as many sources of information at our disposal as we can afford. Next month we will look at some more of the available materials. Let me know if there is anything that you would like to see discussed in next month's look at the

CONTACT BOOKCASE.

Also remember that newspaper and magazine articles about SWL and related topics are always welcome as a source of CONTACT conversation.

CONTACT NOTES

An interesting and distinctly hot tip comes from *Chuck Rippe* — editor of *FRENDX's* own *DXers Forum* — about a convenient and exciting way to keep up with developments in SWLing and your friends. If you tune your radio to 7.24MHz (LSB) at 1400UTC on Sunday, you will hear a half hour or so of timely information of use to SWLers. ANYONE CAN PARTICIPATE!! This is a Ham net open to all HAMs and SWLers, and you are invited to contribute. As a Ham, you are encouraged to participate in the net. As well — mark my words — SLWs who are not Hams are also cordially invited to listen and participate. Send your topical and timely material to Chuck Rippe (1272 Parkside Place, Virginia Beach, Virginia 23454) or to me and I'll see that it gets to Chuck. This is a really easy and *gemütlich* way of keeping up with the world of SWL as it happens. TRY IT! In any event, stay tuned to 7.24MHz for further details.

This month's CONTACT was brought to you with the the help of THUNDER! from Batteries Included, WORD3.01 from Microsoft and PageMaker2.0a from Aldus Corporation. In coming months you will see examples of ReadySetGo4 from Letraset, JustText from Knowledge Engineering and MacPublisherIII from BSPi.

It is with pleasure that I note the receipt of the *Autumn Program Update* from Radio Netherlands, edited by Jonathan Marks. The topics for *Media Network* through the end of 1987 are outlined therein, and herein (titles [and fragmentary details] only here, you'll have to stay tuned for details):

- 12 Nov.: The Chinese Question — The rôle of the PRC in communications and its technology.
- 19 Nov.: News Update — Developments with KUSW (in Salt Lake City) and the first German Direct Broadcast Satellite.
- 26 Nov.: The Long Path Through Asia (Part One) — A look at (and listen to) exotic Thailand.
- 3 Dec.: The Long Path Through Asia (Part Two) — On to Indonesia: it's media scene; are all the local SW stations on the way out? What is left of the Dutch colonial influence in this fast developing Asian society?
- 10 Dec.: News Update — concentration on background items.
- 17 Dec.: Christmas Preview — Dutch electronics expert Willem Bos looks at active antennas: apartment dwellers take note!
- 24 Dec.: The Party — A RN Christmas Party with greetings from all the Media Network regulars and contributors. Also a summary of the previous year's propagation conditions from Mike Bird.
- 31 Dec.: Burst of the Worst — "More mistakes from the world of radio broadcasting." Last year's edition of this program had me in helpless, hysterical laughter for hours. You will LOVE this!!

Look, as well, for regular contributions from Mike Bird (propagation reports in association with Radio Australia), Richard Ginby, Arther Cushen, and Andy Sennitt.

If you have a computer, you can keep up with RN program information by calling (31)35 45395 to reach RN's computer. It works at 300/1200/2400 baud in the standard 8-N-1 format. Or you can call the A*C*E* bulletin board (Kansas City: [913] 677-1288). Look in the shortwave information section, or pass a message on to RN via the Message area.

As all of you Apple Macintosh users probably know by now, Apple has released HyperCard — a programmable database and applications manager. This column is prepared on a Mac+, and if you have any Macintosh and/or Hypercard ideas, you have only to suggest them and I will report on them. If anyone is interested, I already have a RadioDatabase stack underway...

My thanks to one and all for your contributions. The best of Thanksgivings and M3s and SWLing to one and all —

DX'ers Forum

Conducted by:
Chuck Rippl
1272 Parkside Place
Virginia Beach, VA 23454

E-Mail: ODDX or ACE BBS
ID = Chuck Rippl
Deadline: 17th of the month



November 1987

I would like to thank all who took the time to write or call with compliments regarding last month's column. I appreciate all of your feedback but the true kudo's go to **Bill Sharp** who no doubt spent a great deal of time researching and preparing the material. As the '87 - '88 DX season comes upon us, I hope you will benefit from his contribution as well as the sum of all material presented here.

Appearing in *Fine Tuning* #443, a tentative logging of the Burmese Army Station was made on 6.570 between scheduled *1030 and 1330*. NU #920 provides further information by pointing out that Asian DX'ers have heard this outlet which they noted calling itself "Thazein." There is some discussion as to the true identity and location of this broadcaster. Check LN in the October issue of *FRENDX* for some additional insight. This station has been heard on the West and even East coasts by many including this editor. Give it a try and don't forget to send your information to LN and *Log Report* as appropriate. Note LN's new address.

Bob Brown, KW3F and myself have started a Shortwave Listeners Net on 7.240 MHZ LSB which meets Sunday mornings at 1400 UTC. You need not be a Ham to participate! See this month's *Contact* for all the details.

If anyone is motivated toward submitting material to *DX'ers Forum*, there is a need for articles dealing with DX'ing China, the Indian Sub-Continent and Malaysia.

This issue indeed contains a suitable encore to last months Indonesian article as Dr. Charles Wootten and Sheryl Paszkiewicz explore *DX'ing the Soviet Union*. Both rose to the challenge in true yeomans form and have my thanks. Because the amount of material submitted by both authors is by necessity rather lengthy, I have taken steps to manage it's presentation. The article will appear in two parts with the second half appearing in December *FRENDX*.

There are lessons contained in this article beyond those normally associated with the Radio Hobby. We may or may not all agree with elements of the associated politics, but take advantage of the opportunity to open your mind and learn about our neighbor across the pole!

The two authors approached the focus of the article in different ways, Dr. Wootten writing "The Soviet People: A DX'ers Geographical Guide" and Sheryl Paszkiewicz on "Verifying the Soviets." Thus, I have combined both the articles into one. Hence the two authors given credit for one article.

The names of both authors are certainly no strangers to *FRENDX* and the DX community in general. Dr. Wootten was the editor of *Short Wave Center* in the early 1970's and as recently as last March, submitted material to *DX'ers Forum*. No doubt the loggings and QSL material submitted by Sheryl Paszkiewicz to various sections of *FRENDX* as well as her support of other DX publications have come to the attention of many readers. I had the pleasure of meeting Sheryl at ANARC last summer where she participated as one of the three members of the successful US "WRTH quiz team." Her contribution to that effort no doubt played a key role in that team winning the quiz.

I ♥ DXing

With over a hundred nationalities and ethnic groups belonging to many branches of two of the three main human races, the Soviet Union is truly a unique country. Everything would be much simpler, however, if the distinctions were only anthropological. So opens Georgi Kublitsky's subchapter in his book: *The Soviet People: Portrait Sketches*. The research for this *FRENDX* article has been extensive and as up to date as possible. Letters requesting information were sent to all 15 Soviet Republics, yet to date, only a few have responded with any material in depth.

At the outset our thanks! To our old friend, Mrs. Eugenia Stepanova of the Radio Moscow North American Service, to Nadira Babadjanova's lengthy personal letter from Radio Tashkent, to the staffs of Radio Peace & Progress, Radio Kiev, Radio Vilnius, Radio Baku, Radio Riga (Latvia), and to Mrs. Clara Slavina of Radio Moscow. Also the greatest of thanks to *SPEEDX* for allowing the publication of the map of the shortwave transmitter sites in the Soviet Union originally compiled by Robert Butterfield and Doug Snyder. And, finally, to all those NASWA members who have sent their loggings and data on the Soviet Union to *FRENDX* over these past two years.

Considering the accompanying map of the Soviet Union, the NASWA Country List Committee has split the political entity of the Union of Soviet Socialist Republics into two basic arenas. The first arena is the European East Theatre consisting of:

Byelorussian SSR (4)
Estonian SSR (5)
Lithuanian SSR (11)
Ukrainian SSR (15)

European R.S.F.S.R. (6) aka Karelo-Finnish SSR
Latvian SSR (10)
Moldavian SSR (12)

The Asiatic Theatre consists of:

Armenian SSR (1)
Azerbaijan (3)
Kazakh SSR (8)
Tadzhik SSR (13)
Uzbek SSR (16)

Asiatic R.S.F.S.R. (2)
Georgian SSR (7)
Kirghiz SSR (9)
Turkmen SSR (14)

The main reason for the division into so many radio countries is the immense distance across the entire Soviet Union.

Russia, or the Russian Federation, is only one of the fifteen constituent republics of the Union of Soviet Socialist Republics. The full name of the largest, most densely populated and best developed part is the Russian Soviet Federative Socialist Republic (RSFSR). In everyday conversation all the Republics are known as Russia, Armenia, Azerbaijan, Byelorussia, Estonia, Georgia, Kazakhstan, Kirghizia, Latvia, Lithuania, Moldavia, Tajikistan, Turkmenia (or Turkmenistan), the Ukraine and Uzbekistan.

Soviet Russia, an enormous region partly in Europe and partly in Asia, accounts for three-fourths of the country's area and has half the total population. The second largest republic is Kazakhstan, while the Ukraine is second for size of population.

Some north-western regions of Russia border on Finland and some are washed by the Baltic Sea. On the eastern Baltic coast are the three Soviet Baltic republics-- Estonia, Latvia, and Lithuania. South of the Baltic coast, the lands of Byelorussia, the Ukraine and Moldavia stretch along the border with Poland, Czechoslovakia, Hungary, and Romania.

Three Transcaucasian republics-- Georgia, Armenia, and Azerbaijan-- lie in the south beyond the Caucasus Mountains, between the Black and Caspian seas. They border on Turkey and Iran.

Kazakhstan occupies the Asian part of the country between Siberia and the four Central Asian republics-- Uzbekistan, Tajikistan, Kirghizia, and Turkmenia, which border on Iran, Afghanistan, and China. The Asian part of Russia borders on China and Mongolia.

Endorsed by the Constitution of the USSR in 1924, the state emblem of the Soviet Union is a hammer and sickle symbolizing the alliance of the working class and the peasantry. Ears of wheat are entwined in a scarlet band with the inscription in the languages of all 15 Union Republics, "working men of all countries, unite!" Grain is the main yardstick of the wealth of the people and a symbol of the Soviet Union's commitment to peace. In the upper part of the emblem is a five-pointed star, symbolizing the revolutionary unity of workers in five continents.



Red banners became symbols of the revolutionary struggle of the working people in 1831, when rebellious weavers came out into the streets of Lyons under the slogan, "To live working or to die fighting!"

Following the victory of the Great October 1917 Socialist Revolution, the red flag became the official symbol of the world's first state of workers and peasants. Thus saith the USSR Yearbook '87 inside the front cover.

NOTES ON PROPAGATION: Since there is an expected low level of sunspot activity during 1987, we can basically expect the same conditions as last year with possibly a bit more noise than previously. Reception between 120-60 meters actually will be up during the winter months but down during the early autumn. However, in the 41 and 49 meter bands we can expect more stations in these ranges because of the uselessness of the higher wavelengths. The more powerful USSR stations will certainly get through the overcrowding despite the increased noise. In the 31 meter band, best reception will continue towards sundown and perhaps a few hours thereafter. Then around sunrise conditions peak again. In all the other bands from 25 to 13 meters, expect reduction in peak reception times. During the daylight hours they will be fine at the lower end and varying degrees of horrible the higher in frequency one tunes. Utility DXers can also have a fine time on the lower frequency ranges, especially the 90 meter range, until the sunspot count rises again.

As we all know, the Soviet Union does not give us 100% accuracy on their transmitter site QSLs. In general, we can use the site listed as verification, but the discrepancies that have been noted caused more than one of us to shed tears as we erased tallies that would have been used in the awards program! Sheryl Paszkiewicz will offer her thoughts through out the article on QSL'ing the individual Soviet Republics.

By being totally familiar with the Soviet geography with respect to your own location and in consonance of determining sunrise/sunset times, including grayline calculations, it is indeed quite possible to determine the general area, often with surprising accuracy, of a particular transmitting site.

West coast DXers have the interesting phenomenon of receiving signals over the North Pole and/or through the Auroral Zone. The Auroral Zone is a large area around the pole in which the Northern Lights occur. When the magnetic field is fairly quiet and stable, surprisingly good reception is available, all other factors considered. Stations east of a wide line roughly centering around Krasnoyarsk offer regular input into West Coast DXers' antennas.

Now the East Coast DXer has somewhat of a different situation. Signals emanating west of the Krasnoyarsk-Dudinka line do not have the Auroral Zone to pass through on their way to eager antennas. Many of the signals originating in the RSFSR make only a few bounces before hitting the East Coast which causes such familiarity that the occasional change is sometimes missed. The sites east of Krasnoyarsk do suffer from the "wobblies" caused by polar fade but are targets possible for accurate logging purposes.

With a large expanse of territory stretching approximately 10,000 kilometers east to west, nearly 5,000 kilometers north to south and occupying eleven time zones, it really is beyond the scope of this paper to accurately list the sunrise/sunset times for each of the regions. However, each DXer's log will contain that information peculiar to his own location for all areas of the world. Should it not, then that very situation must be remedied immediately. Each DXer must be able to note such anomalies as fade-in and fade-out times, sign-on and sign-off, in addition to normal log items. At first this may seem difficult, but wise use of all available resources will cause this activity to become fun rather than a chore.

George Jacobs' "Table of the Most Suitable Megahertz Broadcasting Bands" found in the *World Radio TV Handbook* is an excellent starting tool for propagation research for your own location.

NOTES ON THE MASS MEDIA: Television is completely state-owned. Radio is primarily owned by the state but there are radio stations that belong to public organizations. The overwhelming majority of radio stations and all TV stations are financed by the government. Since the satisfaction of the population's requirements for information through radio and television is viewed as a social service of the Soviet state, TV and radio broadcasts are free. Radio and television often cite letters, interviews and statements of their listeners and viewers. Every year the all-Union radio uses over 300,000 letters in preparing broadcasts, or almost half of those received by its editorial boards.

Letters of public interest are published and broadcast on radio and television. Some of them are summarized in reviews. Others suggest topics to the professional journalists for their articles. There are people who regularly send notes, reports, and articles to the mass media. Numbering more than six million, these so-called non-staff correspondents work as volunteers. It is their help and support on which the editorial staff primarily relies in its day-to-day work.

PREPARATION NOTES: I've tried here to include problematic situations in the DX'ing attempt toward the Soviet Union. The success of this attempt is only as good as the information that was compiled from various sources. Language and station identification will be addressed at the end of each section. Since there is much known about the larger republics, the basic focus of

this paper will be on the lesser known republics. I've not only tried to include broadcasting information but also geographic and ethnic information. The purpose behind this is quite simple. When listening to any radio broadcast the listener has a strong tendency to "see" something of the region. For instance, if I listen to the BBC my very first visual "sight" of those voices from London is that of the picture on the Thames River QSL card. But, after having been to London, my visual memory has enlarged in greater appreciation.

It is indeed a royal thrill to "see" the places you "visit" via the airwaves. Because of my research for this paper I see the Soviet Union in a wider scope than ever before. The voice of Joe Adamov has a greater substance because all the Soviet Union is "behind him" and not just some nebulous feature.

While there is an attempt herein to include who is on what frequency, the DXer is strongly cautioned that these are not single-use frequencies. Quite often there may be more than one widely separated Soviet station utilizing the same frequency. You'll have to try harder for specific station identification announcements, transmission times, languages used, and all other resources at your disposal. It is really quite helpful to have many, many back issues of the shortwave hobby publications, such as *FRENDX*, on hand so that research can be conducted while the frequency is still audible. My personal files go back to 1972 and they are a great source!

As a former Short Wave Center editor in *FRENDX* and former Utilities editor in DSWCI I found it very much incumbent upon each member of a radio hobby club to really try hard to send in loggings of the stations they've heard. It is repetitive logging that sets a trend towards station identification. Signals from the Soviet Union can be treated with no less respect despite the ideology behind them.

NOTES ON RUSSIAN LANGUAGE IDENTIFICATION: In the late 1920's and early 1930's Radio Moscow was known as the *Voice of the Comintern*. Then only a few languages were used from their facilities. In April 1987 Radio Moscow announced that the whole of Soviet Broadcasting was currently transmitting in 45 languages to the Republics and externally in 71 languages in the modes of VHF-FM, mediumwave, and shortwave.

As with most languages, Russian words are stressed on a particular syllable thus, causing other syllables to lose tonal quality. The basic thing to know in Russian, without giving a full language lesson is name pronunciation. As with DX'ing unknown languages, the experienced DX'er knows how to pronounce common place names in almost any language in the world. Hence, the most important thing to know about a Russian name is which syllable bears the stress. Only by listening to Russian, especially the Home Services, can such place-names (toponyms) as Chkalovskaya, Vinnitsa, Kishinev, and Yuzhno-Sakhalinsk be pronounced properly. Accenting in Russian does not always flow from the same source as does English.

Most Republics do have what is known as a Second Programme. This program is in the main language of the Republic. The total time span varies from a few hours, up to a full 24 hours in some cases. The programs have a special name which is the only station identification used.

In Russian, the originating studio is usually identified by "Govorit" (pronounced "Go vreet," with the accent on the second syllable-ED) and the name of the city. All-Union programmes are published in *"Govorit y Pokazyvayet Moskva"* (Moscow Speaking and Showing) issued weekly in several editions. Perhaps a smile or two in a reception report might get you a copy from several sources in the several languages?

NOTES ON SOVIET STATION IDENTIFICATION: Moscow is relayed on the hour in most Republics and on most stations. Usually local identification is on the half-hour. Deliberate listening, however, shows that the best time for station identification is about five minutes before and right up until the hour.

My friend Dr. Richard E. Wood once wrote this: "Local identification can be heard frequently alternating Russian and then the particular local language (Armenian, Kazakh, etc.). Some republics use a single bi-lingual broadcasting network on the same frequencies (Baku, Azerbaijan SSR is frequently noted bi-lingually), while others tend to use separate frequencies for separate languages (e.g. Tashkent, Uzbek SSR). Names of capital cities are generally similar or identical in both languages, but Alma-Ata in Kazakh is Almaty, Kishinev in Moldavian and in Chisinau (Kishinow).

Of the Soviet regional languages: Ukrainian and Belorussian sound like Russian; Estonian sounds like Finnish, Latvian and Lithuanian sound similar to each other, but unlike anything else; Moldavian sounds like Romanian (i.e., similar to Italian); Armenian sounds distinctive, but a little like Persian; Georgian sounds unique; Tadjik sounds like Persian; the remaining five languages of the remaining republics: Turkmen SSR, Uzbek SSR, Kirghiz SSR, Kazakh SSR, and Azerbaijan SSR sound like Turkish, but tend to stress the last syllable."

These station identifications are often heard:

Radio Moscow: Govorit Moscow

Armenia: Khosume Yerevana (or Yerevana Khosum)

Azerbaijan: Danishyr Baku

Georgia: Laparakobs Tbilisi

Kirghizia: Dom Radio

Lithuania: Kalba Vilnius

Moldavia: Aici este postul de Radio Chisinau; also: Aici Lucefafarul

Turkemenia: Gepleyar Ashkabad

Uzbekistan: Tashkentdan gapiramis

Byelorussia: Havorits Minsk

Estonia: Siin Tallinn

Kazakhstan: Almatydan soilep turmys

Latvia: Runa Riga, Pareizs laiks...

Tadzhikistan: Injo Dushanbe

Ukraine: Hovorit Kyiv

As with many International Broadcasting Stations, those in the USSR often use Interval Signals. Interval Signals are a short musical interlude played for five to ten minutes immediately prior to the beginning of each language or program service. Many of these signals are played slowly prior to the program, and moments before the program starts, are speeded up. In the Radio Moscow Foreign Service, 10 electronic notes from the melody "*Shiroka Strana Moya Rodnaya* (O My Broad Native Land) can be heard; also the Home Service Mayak (Lighthouse) program has the first ten notes from "*Midnight in Moscow*". Only the Interval Signals for Radio Kiev and Radio Tashkent are listed in the latest WRTH. Radio Peace and Progress uses two clarinets for its Interval Signal. The musical score for the Radio Peace and Progress interval signal also appears in the WRTH.

NOTES ON THE REGIONS AND THEIR BROADCASTING: Soviet broadcasting activities are nominally controlled by the State Committee for Television and Radio Broadcasting. You can drop them a line or two at: Ulitsa Akademika Koroleva 19, Moscow 124 427, which is headquarters. The Foreign Relations department is at 12 Korolyov Str., Moscow. With respect to External Services only, we find that most of their stations operate all year around on the same frequency. This is a superb opportunity for the serious DX'er to log these stations! Those transmitter sites which operate above 5900kHz are nominally available for Foreign Service transmissions and will often change frequencies depending on the season.

The Home Services based in Moscow are divided into three separate programs:

First Programme: This is a general style program intended for All-Union coverage. The primary frequencies for this coverage are found, uniquely enough, on the longwave frequencies of 173 and 236kHz. These are quite audible in Europe and the Middle East. News is supplied by TASS. All programming is relayed by many local stations and by the First Programmes of the Republics. Because of the vast time differences between East and West there are five editions:

Radio Orbita 1 covers the Far Eastern and Siberian zones 1800-1400UTC. This is an area that has such cities as Magadan, Petropavlovsk, and Anadyr.

Radio Orbita 2 comes west a little bit covering such cities as Yakutsk and Khabarovsk 2000-1600 UTC.

Radio Orbita 3 comes closer to the center of the U.S.S.R. covering such locations as Novosibirsk and Irkutsk 2200-1800 UTC.

Radio Orbita 4 covers the areas of Sverdlovsk and Tashkent 0000-2000 UTC.

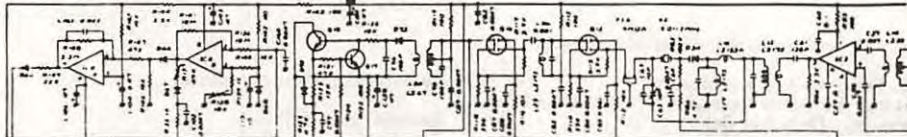
Radio Orbita 5 is not labelled as such but does cover the Eastern Section of the USSR, Moscow, Leningrad, Baku and Tbilisi with the First Programme 0200-2200 UTC. It may be interesting to note that the programmes overlap by two hours which may be a boon to some working stiff! Relayed on FM, LW, MW, and SW.

Second Program: The "Mayak" (Lighthouse) program. This is a musical program intended for All-Union coverage featuring all kinds of music. A real gold mine for Soviet music aficionados! On the hour and half-hour are 5-10 minutes of news, interviews, and/or reports preceded by the interval signal. Live sports programs are also transmitted at times. A 24-hours-a-day service, this is carried in all modes of transmission.

Third Program: This is mainly a musical and literary program transmitted to the entire Union in four complete segments, each identical. The program can be found in the European USSR, Novosibirsk Area and Kazakhstan. On the air 0000-2100 UTC.

The other services are carried in what is known as Republican Programs. Some union republics include Autonomous Soviet Socialist Republics (ASSR). There are sixteen ASSR's in the RSFSR, two in Georgia, and one each in Azerbaijan and Uzbekistan.

Technical Topics



Editor: T.J. "Skip" Arey, P.O. Box 644, Waterford Works, NJ 08089-0644

TURKEY DAZE OF IF THIS IS CRANBERRY SAUCE IT MUST BE THANKSGIVING

Greetings fellow dialtwisters. As we all stand ready to pull ourselves toward our holiday repasts, we should take time to be thankful for the little things in life. The beauty of the season, the company of friends and family, and most importantly, an improving sunspot cycle. Things are looking up in the ether.

November is when many of us really settle down to the nitty gritty of the hobby and chase those elusive signals of stations long desired. May this years long winter nights bring in all those missing countries and stations so you can keep the NASWA Awards Program busy.

STOP RAMBLING AND GET WRITING SKIP!!!

Ah yes, as the voice of my conscience speaks with the force of a velvet boxing glove, let us dig down into the old mailbag of the mind and see what we have to offer.

NEW TECH TOPICS ADDRESS

I have not moved my QTH, but I have moved my mailing address to better serve our loyal readers. As it stood, I was only able to get to POB C-4 about once every two weeks and it made for too much time lag between the columns and your cards and letters. In an effort to keep things up to the minute Tech Topics can now be reached at:

T.J. "Skip" AREY
PO BOX 644
WATERFORD WORKS, NJ 08089-0644.

Don't write asking me what a Waterford Works is because I am still trying to figure that part out myself. Simply trust that this new box location will allow your humble editor to get your contributions into print within a very short period of time.

MENTAL REGRESSION EXERCISE

I am looking fondly upon what I have long referred to as RADIO ONE. Radio one is a 5 transistor SIVERTONE pocket sized AM radio. It was given to me by my grandfather on my sixth birthday in 1959. It was the most valuable thing I had owned up to that point. I was reminded from the moment I unwrapped it that "It is not a toy". I carried it everywhere. It had Conelrad markings on it and I learned their meaning during the dark hours of the Cuban Missile Crisis. When I had my appendix out in the third grade I listened to far away cities late at night when the nurses weren't watching. I was starting to DX and I didn't even know such a thing existed except that I knew listening to this radio was fun. Radio one worked like a charm until about sixth grade when the headphone jack broke. At that time I hooked up with an older friend and learned how to solder and the rest is history. I have since owned a number of what have come to be called "The Best" receivers made. But whenever I take that gift from "Pop" Arey out of the drawer and turn it on I still get goosebumps.

There really is a point to all this folks.

Kids have a lot of High Tech toys available these days. But a thoughtful purchase of a "other than BOOM BOX" radio could bring someone into our hobby and thus keep BILL OLIVER publishing.

There are a lot of fine, relatively low cost receivers out there in radioland that would make excellent gifts under the tree for a young boy or girl. Most of the "Pocket Rocket" receivers can be had for under \$100 dollars. The SANGEAN SG-702 and SG-792, the SONY ICF-4910, the IDSHIBA RP-F11 can all be had for far less than the latest home video game. Put one under the Christmas tree. And then do one more thing...

TAKE THE TIME TO SHOW THE LITTLE NIPPER HOW TO USE IT!

Spend some "quality time" helping the young person to understand the thrill of learning just what a big beautiful world is out there just a short distance away. HAPPY HOME TIP: Do not bring home an NRD-525 and tell your spouse its for the baby. You and the NRD will be DXing from the dog house.

CATALOG CORNER

UNIVERSAL SHORTWAVE RADIO
1280 Aida Drive
Reynoldsburg, OHIO 43068
(614) 866-4267

Fred Osterman's latest catalog might just be the place to seek out that first radio for your little one. He is also listing the LOWE HF-125 Communications Receiver. This properly British receiver will get you humming God Save the Queen quicker than an old Alec Guinness movie.

BOOK REVIEW
(Sort of)

I love looking at radios. I don't even care very much what kind of radios. If you have the same addiction you will feel a strong desire to take up an offer recently listed in the Publishers Central Bureau catalog.

JANE'S MILITARY COMMUNICATIONS 1985

Published at a price of \$125.00 this book is closing out at \$39.95. It is the ultimate coffee table book for a radio freak. If you think your ICOM or KENWOOD is hot, wait to you see what the R&D folks have placed in the hands of many of the worlds governments. JANE'S has a historical reputation for accuracy and thoroughness of research that has proved embarrassing to several world leaders. 914 pages fully illustrated. Order # 65695X

PUBLISHERS CENTRAL BUREAU
Dept 195
1 Champion Ave.
Avenel, NJ 07001--2301

FURTHER DIGRESSION

Please note, once again, the new address for Tech Topics. And while your at it, why not ship off a few lines, maybe a short review of your favorite receiver or new accessories. May all your holiday wishes fit under your credit ceiling. Keep those cards and letters coming folks.

73.
Ship
W02GHA

NASWA Awards Program

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

Tis the Ides of October and time to prepare the NASWA Awards Page once again. The following folks earned NASWA Awards for the period ending October 16, 1987:

Kirk ALLEN, Newkirk, OK: Senior DX Centurian 160 country endorsement; All Continent "QRP" DXer, 5 KW endorsement.

Rowland ARCHER, Raleigh, NC: North American Continental DXer; North American Continental DXPert; All Continent "QRP" DXer, 25 Kw endorsement.

Paul BUER, Miami, FL: Senior Ecclesiastic DXer, 30 and 35 station endorsements.

Richard E. DAVIS, Portales, NM: Australian DXer, 10 station endorsement

Bill HARMS, Bad Aibling, West Germany: Master British Commonwealth DXer; All Germany DXer

Terry M. JOSEY, Darlington, SC: World Wide DXer; European Continental DXer; Ecclesiastic DXer

Jack C. KLINGE, Wheat Ridge, CO: World Wide DXer; European Continental DXer

Jerry WACHTER, Riverside, IL: European Continental DXer

Henry WARD, SHerbrooke, PQ: Maple Leaf DXer

John M. WILKINS, Wheat Ridge, CO: Master China DXer

**** kap's komments ****
(A/K/A kap's pap)

Nice to have met several present and past NASWA members at the Deerfield, NH Ham Fest last weekend. At the risk of offending someone by forgetting to mention them, among those in attendance were Peter Schipilletti, Greg Bares and our erstwhile Distributing Editor, John Henault. While we passed on getting a new receiver, we did pick up some nice accesories and also some very nice Software for this Magic Machine.

Speaking of Software, we picked up a very nice Propagation package called "Mini-Prop". This is the shareware program as written up in the October 1987 CQ Magazine. We'll be pleased to supply a copy in exchange for a blank unformatted disk (DSDD) and a return postage paid mailer. We cannot help out with anything but MS-DOS, sorry Commodore and Apple users.

Father John Eckhart writes to advise that he is retiring the GE World Monitor Radio that got him 104+ countries QSLd in favor of a Kenwood R-5000. Father, with the success you had with the GE, you should be applying for the Senior DX Centurian Award soon.

John Fisher (of Chelmsford, MA) tells us that the VOA seems to have gotten their act together and is QSLing on a timely and accurate manner again. That's certainly good news.

A couple of folks asked when we would have our next contest. Well, owing to the most limited response (spell that no entries) to our recent ones, we've put the contests on the back burner and don't intend to reinstitute them in the near future. As we've often mentioned, this column belongs to the readers, not to me, and what you want is what you get.

Another mention of the Fine Turning QSL record book. We want to make it clear that this ownership of this book is not a prerequisite for applying for NASWA Awards. As we've often stated, we will accept any application that has the required information and is readable. However, for one's personal record keeping, the FT booklet is most highly recommended, and, of course it is more than acceptable for NASWA Awards purposes. An SASE (IRC) to Fine Tuning at 8515 Scott, Wichita, KS 67210 will get you a neat flyer describing the book. A tip of kap's cap to John Bryant whose hard work brought this project to fruition.

Until next month,

BEST, Kap

=====

DR. DX GOES TO THE ANARC CONVENTION
PART I

=====

Mrs. Dr. Dx was pretty excited. Now that Dr. DX was going to "that silly radio thing", she could have a week of no static and a chance to shovel all the coffee cups out of the little room where Dr. DX twists his knobs (it is a good thing that Mrs. Dr. DX was not a Psychology major in college and read Freud or she would have wondered even more about Dr. DX). At least Dr. DX was quiet when he was in his radio room, which was more than could be said for his daughter. Her radio has no volume control, just LOUD, and the noises that come out really lead Dr. DX to wonder about intelligent life on Earth. Well, the time came and Dr. DX packed his very best polyester suit and the only pair of shoes he had that had not turned green with mildew (Dr. DX lives where it is very humid and if he forgets to put his shoes in the refrigerator or the oven at night, they turn green and fuzzy--this has lead to quite a local reputation for Dr. DX, but that is another story). The train left late because trains are supposed too. This did not bother DR. DX because he wanted to read a new book on sewage disposal, and when you are reading a book like that time does not matter a lot. Dr. DX bought a cup of coffee from the nice train man for \$400 and on his way to the seat the train hit a big bump, which explains why Dr. DX arrived in Toronto in a brown and blue shirt instead of a blue shirt. Late in the day the train stopped in New York City and refused to go any further because the tracks ended there. The nice train man told Dr. DX that he would have to go to another train station 12 blocks away and get another train to take him out of New York City. Dr. DX had a whole lifetime of adventure in that twelve blocks and he will tell you about it sometime but his analyst says it is best not to mention it just yet. About nine weeks later, at 2:00 in the morning, the train stopped in Buffalo and the train man told Dr. DX that he needed to leave the train now 'cause his ticket said no more . That didn't bother Dr. DX because he planned to take a bus from Buffalo to Toronto, so he kinda expected he would have to get off the train in Buffalo. Dr. DX found it to be very dark in Buffalo at 2 AM, but there were a bunch of really nice people there who tried to grab his bags for him and put them in a taxi. Now Dr. DX is what some might call a health nut so he decided to walk to the bus station. The man with the red eyes in the train station must have been very happy because he laughed when Dr. DX told him he planned to walk. It turns out that DR. DX had not heard of the new AMTRAK plan to help travelers see America by building their stations 16 miles from any recognizable building, so to help the plan, Dr. DX gave the nice taxi man \$55 to take him to downtown Buffalo at 4:00 AM. The nice taxi man had a taxi that made a lot of funny noises and leaned a lot to one

side, which made Dr. DX feel like he was in an amusement park. Dr. DX did not however feel like he was in an amusement park when he was in downtown Buffalo at 4:00 AM. The bus came and Dr. DX carefully chose a seat that had a seat cushion in it and by good luck also found a place where his feet did not stick to the floor a lot. When it came time to cross the border to Canada, Dr. DX had a hard time because he tried to use an expired passport. Dr. DX felt that he could not have even an expired passport if he was not a U.S. citizen. Dr. DX found out that the people at the border crossing place do not think like he does and do not have a good sense of humor. But at long last Dr. DX was in Canada and was not sticking to the floor either. The bus arrived in Toronto right on time and Dr. DX set out to explore the city and try to change some of his American money to the pretty colored Canadian money, but he found out it was very early in the morning and nothing was open in the whole city except a Burger King. So Dr. DX gave some of his American money to the Burger King lady and she gave him something to eat and some foreign money in change. Dr. DX was lucky and got most of the breakfast stains off his clothes and climbed up to the top of the CN Tower and stood in the glass ball. Dr. DX offered to help clean up the mess, but the nice CN Tower people said it happened a lot and not to worry about it. Dr. DX had instructions and a map to get to the convention hotel and he went to the foreign language institute and had them interpreted. He first went to a train station and got on a train that was two stories high and said GO on the side. Since Dr. DX wanted to GO, he got on that train. When he got off, he had to catch one of the 20 busses that were sitting at the station. Dr. DX asked someone and the nice bus man told Dr. DX where to go. The map Dr. DX had showed the hotel to be a few blocks away, but Dr. DX found that people in Canada draw maps funny and just like the Buffalo AMTRAK station, the hotel was 16 miles away. Dr. DX got to the hotel just 38 hours after he left home and his powder blue polyester leisure suit, although a little stained, was ready for the first night of the convention. Next time, Dr. DX will tell you all about the convention and the neat adventures he had there.

NOTICE

PLEASE REMEMBER THAT NASWA DUES WILL RISE 17¢ A MONTH EFFECTIVE JANUARY 1, 1987. PREPAYMENTS AT \$16.00 WILL BE ACCEPTED IF RECEIVED BEFORE THAT DATE. THE \$16.00 RATE WILL ALSO APPLY TO THOSE WHOSE MEMBERSHIP IS DUE BEFORE JANUARY 1 REGARDLESS OF WHEN IT IS RECEIVED.



Listeners Notebook

GLENN HAUSER, Box 1684, Enid, OK 73702

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A F G H A N I S T A N R AFGH VIA USSR XMTRS HRD W/[EXCELLENT] SIGS ON 17655 IN EG 09-1030; // 15255 ALSO FROM USSR BUT NOT AS GOOD. RADIO HAS BECOME POWERFUL ORGAN OF GOVT PROPAGANDA. THESE DAYS RA'S MAIN JOB IS TO PRESS HOME THE GOVT MSG OF NATIONAL RECONCILIATION, INVITING REFUGEES TO RETURN, AND TALKING ABOUT POWER SHARING. VICTOR THINKS 4775 AFTER 1830 APPEARS TO BE AN EXTENSION OF KABUL'S CITY SERVICE RATHER THAN A BC BEAMED TO EUROPE. ANYWAY, FROM DXING POINT OF VIEW, 4775 IS INTERESTING CHANNEL, ONE OF FEW XMTRS FROM AFGH ITSELF (SARATH WEERAKOON, SRI LANKA, 6/9, AUG-SEP UNION OF ASIAN DXERS)

--OH, GH FORGOT TO SWITCH TO THE INFERIOR TYPEFACE MOST ALLEGEDLY PREFERRED. Since 6/9 when many stns introed S87 sked, R AFGH made some changes for USSR relay sites. Present sked to best of my monitoring possibility is: Baluchi 0130-0230 & Pashto 0230-0430 both on 4450 6085* 9755 11820. Pgm-I 0130-1930 on 3965 4740 7200v, 0430-09 also on 15255 17655; in Pashto & Dari. EG 09-1030 on 4450* 6085* 15255 17655; 19-1930 last reported on 9665 11755, but can't confirm. Dari 1430-17 on 4450 6085 9755 12035. Arabic 17-1725 on 15520 11890. Russian xmsn not located. Dari 1730-1830 on 9665 11755. Pgm-II: Pashai 1030-11, Nuristani 11-1130 on 6085 4450 15255 17655. Baluchi 1130-12, 1130-1230 [sic] Turkmen on 4450 15255 17655. 1230-1330 Uzbek on 6085. Urdu 1230-1330 on 4450 9755/12035. 1330-1430 on 4450 6085 9755/12035. [does -/- mean either/or?] Kabul City Svc: 0130-0230 on 6125* 4775, 1230-1530 & 1730-2030 on 4775 6105. Note: Fqs marked * not monitored by me but presumed in use. All fqs above other than 4775 6085 7200v (mostly 7199.6) 6105 & 6125 are xmtrs inside USSR (Victor Goonetilleke, Sri Lanka, Aug-Sept UADX)

A U S T R A L I A RA, Shep, on 15040, mixing product of 15140 and 15240, in EG at 01 (Victor Goonetilleke, Sri Lanka, Aug DSWCI SW News)

RA Melbourne reported 20/9: RA & R Beijing have signed a memorandum of understanding [don't call it an agreement! gh] covering publication in China of EG-lang teaching courses in booklet and cassette form; drawn from RA bcs. Dirs Peter Barnett of RA and Mme Cui Yulin of RB signed it; RA to pay about \$60,000 for publication of material. Print comprises two volumes with 20K print run, while 2K copies of 5-cassette audio set will also be produced. Still to be resolved are copyright clearance and associated royalties, distribution and costs (WBI 25/9)

David Hill, Managing Dir of ABC visited RA and was interviewed on Talkback. Gist: ABC funding is declining and never enough to run its extensive domestic TV and radio networks, local stations, orchestras. R Australia, the extl svc, is not fully appreciated by the public and govt funders and also has suffered

cutbacks, but nobody on the BOD has suggested further cuts at RA and it's fair to say that all BOD members would like to see RA preserved whatever else happens (WBI 2/10)

A U S T R I A Monitoring research 5-6 Oct: Army Training Stn (German: Schulungsender des Osterreichischen Bundesheeres [sic]) currently hrd on 5035 and 3378 at 0930-1430. Bcs Weds only, morse training courses, entertainment and info pgms in GM (WBI 9/10) Oops, "W" means weekdays (M-F) not Wed!! (WBI 16/10)

B A N G L A D E S H Dhaka HS stabilised on 6220 1230-1715 // 4890, EG nx at 1530 & 1705, mostly abt devastating floods 6/9 (Sarath Weerakoon, Sri Lanka, UA-DX) 6220 gone 18/9, only 4890 hrd at 1230-1715 (Victor Goonetilleke, ibid.) Late late flash: 6145 now at 1230-1715 (Sarath, ibid) yes // 4890 (Victor, ibid.)

B E L G I U M RTBF is bcng org of FR-speaking community in Belgium. Svc mainly consists of relays/rebcs of DS pgms. ES pgm output restricted to features amounting to abt 25h a week. During summer time all xmsns one hour earlier than:

0430-0615 Af 11660 9925 incl 0505-0530 Overseas svc msg. Sat 05-0530 pgm for seamen Af 11660 9925. Sat/Sun 0530-0615 Af 11660 9925. 0630-0735 M-F Af 17675 15540. Sat/Sun 0630-1045 Af 17675 15540. 11-1130 daily Eu/Af 17585 7140. 1130-1145 daily German nx from BRF-1 Eu/Af 17585 7140. 1145-1305 daily Eu/Af 17585 7140 incl 1230-13 Sat pgm for seamen, 1230-13 Sun DX pgm. 1305-1600 Sun Eu/Af on 17585 7140. 16-1645 daily Eu/Af 17675 7140 incl M-Sat svc for Belgians abroad. 17-1905 daily Af 11660 9925 incl 17-1730 Sun Seamen pgm; 17-18 M-F relay of Radio 21, Sun 1830-19 The week in Belgium, 1830-19 Tue/Thu pgm for missionaries, 1830-19 Fri DX pgm. 1905-2105 Sun/Wed/Sat Af 11660 9925 incl Sat 2030-21 pgm for Seamen (WBI 9/10) All pgms in FR, u.o.s.

B H U T A N No sign yet of planned 9615, but BBS continues on 6035 at 11-14 w/ EG 1330-14. Reasonably good reception due to clear channel. But evening reception in Bhutan reported very poor--49mb too congested, and answer may be a clear fq on 60mb, instead of moving up to 31. 9615 would be no better (Sarath Weerakoon, Sri Lanka, Aug-Sept UADX) Agreed; 9615 disastrous w/Taiwan to SEAS. Maybe a channel like the Burmese Maymyo opn OOB? (Victor Goonetilleke, ibid.)

B O L I V I A R Cosmos, 4924, is inactive, but plans to increase power on MW in July, and reactivate SW (also July? DSWCI ed) New addr: Av. Heroínas 0-0347, Casilla 1092 [+ city, not given here]. Also has new Dir.Gen.: Sonia Rojas (Finn Krone, Aug DSWCI SW News) R San Rafael, 5055, tho still confirming inactive, gives power as 1 kW so maybe it'll be back? R Agustin Aspiazua ments 9600 w/ 1 kW, CP13, along w/1145 kHz, 1 kW. sked 11-05 exc Sat/Sun 11-03. Just may be on the air? (Stn info to WRTH LA via Finn Krone, DSWCI SWN Aug)

B R A Z I L R Anhanguera, 11735v, from 2330 w/IDs, Braz & pop mx to 0400*, F since 15/9; fq varies frm 11734.9 to 11735.05; was reptd on 11865 last April. No sign of R Araguáia on 11830 or 6080, reptd on SWLD 19/9; 6080 is new fq of R Marumbí w/10 kW. R Nacional now hrd on 11748.2, from 0100 SP, 0200 EG to 0250*; vy strong 28 & 29/9 (Ernie Behr, Manitoba)

R Nacional, 4845, Manaus - in a ltr, Eudson Monteiro Lima, Operador de Áudio, asks US\$2 or 2 IRCs in order to be able to reply. He is 22 yrs old, DXer. Replies w/paper QSL 'card' w/full verie text, nice brochure abt "the fascinating Amazon jungle". Addr: Rua São Vicente, 10 Morro da Liberdade, 69073 Manaus, Amazonas (Finn Krone, Sept DSWCI SW News)

B U R K I N A F A S O National R of Burkina, Ouagadougou, reported 30/9: at cabinet meeting today, Comrade Pierre Ilboudo appointed dir of natl radio bcng svc (WBI 9/10) In keeping w/latest coup (gh)

C H I N A Swiss R Intl reported 22/9: SRI has reached agmt w/China, effective 1/11, to use rxmsn facilities there. In return, R Peking [sic] will also be offered Swiss tech facilities for bcs to Eu. Agmt ancd by SBC Dir-Gen Mr Schuerman, currently visiting China (WBI 25/9) SRI relays in China for D87: 1310-1500 incl EG 1330-14, Beijing 11695 120 kW 196°, and Kunming 120 kW 15135 165°. //Swiss fqs then are 11955 15570 17830 21695 (PTT)

Sichuan PBS, Chengdu, reported 1/10: This is 35th anniv of stn. Began in 1952 as amalgamation of Chuanxi, Chuannan and Chuanbei bcng stns. Later some personnel xferred from Xinan and Xikang PBS. Now 30hpd on 3 pgms. Receives more

than (100,000) [really 10 myriads?] letters every year from people in the province and in other provs as well as from Japan, NEu, NAM, Au. Recent survey in three diff ways of 4480 listeners in prov established that 59.8% of the rx sources come from the radio, 57.6 % from press, 55.3% from TV... Radio thus still leads. Literature and art, educ and genl knowledge pgms have wide audiences (WBI 9/10)

Zhongguo Xinwen She rx agcy, Hong Kong, reported 29/9 from Peking [sic]: During this year's mid-autumn festival (7 Oct), R Beijing ES and RHK will jointly bc pgm via satl to extend holiday greetings to all Chinese in the world. Pgm dirs of both stns will introduce festival customs of the Chinese compatriots in the winterland [sic] and HK, brief the audience on "mooncakes" made in various parts of China and HK; entertainment. RB will invite Zhang Yueka: and Lin Zhaoming, two well-known actors from Guangdong prov, to perform a monolog [dialog??] entitled "A small Man Enjoying the Mid-autumn Festival". Pgm will also invite audience to guess a song about the moon. Joint on-the-spot recording of pgm via satl will be bc by RB to all overseas Chinese audience in the Cantonese pgms of RB from 1800 the same day (WBI 9/10)

Guangdong PBS, Canton [sic], reported 14/8: On 12/8, prov govt promulgated regulations on public TV antennas in the prov. Such may be used only to receive xmsns of the central, prov and local TV stns. It is forbidden to install filtering eqp [Std CH: Lu Bo - possibly to enhance reception of TV pgms from HK & Macao -WBI ed]. If such eqp is needed in spl circumstances, approval of the prov radio & TV dept must be obtained. Public TV ants may not be used for xmtg TV pgms. Anyone doing so must first be examined and approved. Legal owners or users of bldgs needing to install public TV ants must first apply to local radio & TV bureau at or above the county level. Appls will be reviewed by city or prefectural radio & TV bureau, which'll issue a note of approval to be submitted to prov radio & TV dept. Units that installed and used public TV antennas before these regs were issued must repeat the exam and approval procedure within 60 days from 12/8. People who have installed filtering eqp on public TV ants must immediately cease to use it and also dismantle it. Those who want to continue using it after modification can only do so after it is inspected and approved. Construxion units engaged in design and installation of public TV ants must have a licence issued by the city or prefectural radio & TV bureau approving their opns, along w/business licence issued by local industry and commerce administrative depts (WBI 21/8)

CHINA (PEOPLE'S REPUBLIC)

The capital service of R. Beijing has opened up in Guangzhou City, Guangzhou Province. WBI has reported that it's opening was July 18, quoted from an announcement of Guangzhou PBS.

Actual broadcasting schedule is monitored as 1200-1255 and 1300-1355 on 603kHz, and makes some differences from the WBI report. The 1300-1355 transmission is on the air in parallel with 1341kHz from transmitting stn in Guangzhou of R. Beijing and 1584kHz of Guangzhou PBS 2nd Program. (Isami Hyuga)

According to a letter from Zhejiang PBS, it has been broadcasting on the following frqs since Sep. 14.

1st Program: 2055-0510 and 0755-1500 (0855-1500 on Tue) on 4785, 2475, 810kHz and 98.6MHz. The 1st Program has been also heard on 1503, 1485, 1476, 1458, 1431, 1404, 1143, 1134, 1080, 963, 693, 585, 576, 531kHz, 105.8, 99.0, 98.6, 98.2, 95.4, 94.6, 94.3, 92.3MHz.

2nd Program: 2140-0005 and 0255-1505 on 1530kHz.

3rd Program: 0400-0600 and 1000-1500 on 95.8MHz. (Machiko Saeki)

According to a letter from Gansu PBS, it has broadcast as follows since Jan. 1.

1st Program: 2150-0030 (not Sa), 0330-0630 (not Su), 2150-0630 (Sa), 0850-1600 on 4865, 6155, 6005, 873, 684kHz, and 98.6, 96.0MHz. The 1st Program has been also monitored on 9710, 1485kHz.

2nd Program: 2200-0255 (not Mo, Sa), 2200-2400 (Mo, Sa), 0430-0855 (not Tu, Sa), 0430-0600 (Tu, Su), 1050-1400 on 100.0, 91.7MHz.

3rd Program: 0355-0600, 0855-1300 on 104.4MHz. (Tatsuo Gima)

(East Asian DX News of the Asian Broadcasting Institute, 18/10, compiled and translated by Tetsuya Kondo, Japan)

During summer time in China all pgms will be one hour earlier than shown. This sked shows SW fqs only; fq change times are apx. CPBS First Pgm, Beijing:

*1958 on 9080 9064 7935 7525 7516 7504 6750 6665 6125 5915 5880 5860 5320 4905 4460 3220. 2230 on 11330 11290 9080 9064 7935 7516 7504 6750 6665 6125 5915 5880 5860 5320 4905 4460. 2330 on 17605 15590 11610 11330 11290 10245 9800 9064 7504 7335 6750 6665 6125. 0100 on 17605 15590 15550 11610 11330 11290 9064 7504 6665. 0600(silent Tue) 17605 15590 15550 11610 11330 11290 9064 7504 6665. 0855 on same. 1100 on 15590 15550 11610 11330 11290 10245 9064 7516 7504 7440 6750 6665 6125 5915 5880 4460. 1145 drop 15590, add 5320. 1235 on 11610 11330 11290 10245 9080 9064 7516 7504 7440 6750 6665 6125 5915 5880 5320 4460. 1330 on 11610 9080 9064 7525 7516 7504 7440 6750 6665 6125 5915 5880 5860 5320 4460 3220. 1400-1735 on 9080 9064 7935 7525 7516 7504 7440 6750 6665 6125 5915 5880 5320 4460 3220. 9800=sic 2330 & 00; +15550

CPBS Second Pgm Beijing: *2058 on 9030 9020 8007 7770 7235 6920 6890 5163 5075 5030 3290. 2230 add 9775 6190. 2330 on 15500 12200 11505 11040 9775 9030 9020 8007 7235 6190 5163 5075. 0000 on 15500 15030 12200 11740 11505 11040 9775 9755 9020 6190 5075. 0200 on 17700 15500 15030 12200 11740 11505 11040 9775 9755 9020 6190 5075. 0200 [oops] 15500 15030 12200 11740 11505 11040 9775 9755 9020 7770 6190. 0600(silent Wed/Fri) same as 0200 until 0730(silent Wed/Fri until 0955) on 17700 15500 15030 12200 11505 11040 9020 7770. 0955 on 17700 15500 15030 12200 11505 11040 9020 6190 5163 5075. 1030 on 15500 15030 12200 11740 11505 11040 9775 9020 6190 5163 5075. 1100 on same minus 11505, plus 11630 7770. 1130 on 15030 12200 11740 11630 9775 9020 7770 6890 5163 5075 4520. 1200 on same plus 10260. 1300 on 11740 9030 9020 7770 6890 6190 5420 5163 5075 5030 3290. 1330 on 11740 9030 9020 7770 6920 6890 6190 5163 5075 5030 4520. 1500-1600 on 9030 9020 7770 7235 6920 6890 6190 5163 5075 5030 4520 3290.

Broadcasts for Natl Minorities, Peking [sic] [all 26 minutes long]:

2130 Korean 5420 5030 4190 1206=Yanji. 22 Mongolian 5420 5030 4750=Hailar 4190 1431=Hailar. 00 Tibetan 15670 11375 7110=Lhasa 6920 5995=Lhasa 4035=Lhasa. 0030 Uighur 15670 11375 10260 5800=Urumqi 4735=Urumqi 3990=Urumqi. 0100 Kazakh 15670 11375 10260 5440=Urumqi 4970=Urumqi. 0430 Korean 9920 9775 8566. 0500 Mongolian 9920 9775 8566 6974=Hohhot 4525=Hohhot 1458=Hohhot. 0530 Tibetan 17635 15670 11630. 0600 Uighur 17635 15670 10260. 0630 Kazakh same. 1000 Korean 9775 8566 5420 1206=Yanji. 1030 Tibetan 15670 11630 11375. 1100 Uighur 15670 11375 10260 5800=Urumqi 4735=Urumqi 3990=Urumqi. 1130 Kazakh 11375 10260 8566. 1200 Korean 5420 5030 4190. 1230 Mongolian 6190 6974=Hohhot 5420 5030 4525=Hohhot 4190 1458=Hohhot. 1300 Tibetan 11630 11375 8566 7110=Lhasa 5995=Lhasa 4035=Lhasa. 1330 Uighur 11375 10260 8566 5800=Urumqi 4735=Urumqi 3990=Urumqi. 1400 Kazakh 11375 10260 8566 5440=Urumqi 4970=Urumqi. 1430 Mongolian 11375 10260 8566 5060=Urumqi 4980=Urumqi 4220=Urumqi (WBI 9/10)

C O S T A R I C A R for Peace, 7380.46, hrd 19/9 from 0100 w/EG & mx, 0212 SP UN pgms to 0256*, poor sig due to strong ute QRM and not hrd since; as expected, UN pgms were anti-US & pro-leftist, calling for independence of Puerto Rico, US disarmament, etc (Ernie Behr, Manitoba, 25/9) Hrd in late Sept arnd 20 on 21556v, warbling carrier but clear sig compared to 7 MHz; but not hrd since on either fq (gh, FL & OK, as of 24/10)

C Y P R U S Cyprus Mail, Nicosia reported 20/9: newly-formed group for self-determination of Cyprus has ancd creation of a radio stn which'll xmit for first time on 15/11. "Radio Self-Determination" will try to broaden the boundaries of radio expression, aiming for a multi-dimensional free radio. RSD has not rcvd govt permission even tho the group will apply for it. Until now free radio-craft has been opposed in Cyprus under pretext it interferes w/ radio wavelengths of military importance. Group says this argument is false; example, Greece and other Eu countries where free radio is a legal right. The group adds that "occl criticism" promoted by the 'totally controlled' CBC [Cyprus BCing Corp] "is not enough to secure the real right to free radio". Target date is anniv of declaration of Turkish state in occupied Cyprus; free people opposing Turkish expansionism (WBI 25/9)

Exact ID of CBC pgm on 9635 is "I Kypros konta sas" (Cyprus near you); ID of stn is "Radiophoniko Idrima Kypru" (Christos Datsikas, Greece, Aug DSWCI)

C H I L E Telam nx agcy, Buenos Aires, reported 30/9 from Santiago: Five men carrying automatic weapons took over the stn shared by R Infinita and R Beethoven, both of which are FM, to bc a political proclamation pre-recorded on a

on behalf of the two stns. Paris authorities are thought to be reconsidering the demands of the Port stns, and per Carlos Duarte, head of RCP, the door has not been completely closed (WBI 21/8) France Inter reported 20/9: The President has strongly criticised CNCL; says has done nothing to inspire respect. There was immediate reply from Minister of Culture & Comm, François Leotard: I am astonished at the attacks by the head of state against an institution of the Republic. This is an unjust, pointless and partisan argument... France Inter reported 22/9: As consequence of Pres's position vis-à-vis CNCL, a certain number of unauthorised private radios have decided to start being as from this week in violation of the law. They are 14 association and community radios, mostly in Parisian suburbs, saying they operate in name of freedom of info and speech... (WBI 25/9)

RNMN reported 1/10: R Caribbean [Dominica] is being Europe No. 1 pgms which are relayed by Telecom-1 satellite. ENO says any interested radio stn can be its pgms free--stn dir would like to get affiliates in Belgium, Neth, Switz. Is on 30 FM stns in France; also Tahiti, Fr Guyana, Reunion. R Caribbean Intl is based in [British] Commonwealth country St Lucia but has relays on Dominica, and French depts of Guadeloupe and Martinique, which are main target. Link to Tahiti involves other sats. ENO has become most popular stn in Fr Guiana (WBI 9/10) This ENO pgming on 1210 kHz caused some consternation by Nam DXers

Trans World Radio Monaco, Oct info on new Roumoules MW xmtr in France: RMC uses 2 x 600 kW MW xmtrs for total of 1.2 Mega watts; same xmtr system for 702 and 1467 kHz. Ant has to be different: 2-tower array with theoretical gain 5.1 dB; close to Monaco at km altitude ASL. For TWR nighttime only 1467 used so far, 15 langs, mainly daily. Tho sig generally sufficient in target areas, "city noise" at times high and fades; to fix, can either increase output or concentrate sig in proper direction. Second option: no room for bigger antenna structure above Monaco, so looked at LW site at Roumoules, 100 km west of Monaco. Long and Mediumwave ants require v. high electrical conductivity of earth on which they stand. French PTT investigations show Roumoules ideal for LF & MF, where RMC moved LW xmtr 10 yrs ago. Measurements arnd Monaco show poor conductivity. Also more space at Roumoules; chose 4 main antenna dirs: (1) 25° NE toward Berlin, possible langs GM, PL, CZ, DN; Baltics marginal. (2) 85° E, Slovak, HG, RM, BG, Croatian, IT, GK, etc. (3) 240° = SW, SP, PT, AR, Berber, Kabyle, etc. (4) 320° = NW, FR, EG, DT, etc. A five-tower system chosen. Dirs 1, 2 and 4 are very directional w/60° beamwidth; first three ants provide 9 dB gain, antenna 3 [sic] about 6. New xmtr is 1000 kW, one fifth less than before but considering conductivity and gain, stronger sig of up to 9 dB. This improvement only noticeable at distances over 800 km, where our sig had been weak (WBI 16/10)

G E R M A N Y W E S T DW Julich on new 13790, first regular use by them of 22 mb, 27/9 1059 IDS, 1100 JP, G and not much else on band. Also new on OOB 15510 27/9 0856 IDS, 0900 EG, weak, ex-15410; bad USSR 15515 QRM; and R Pak on 15510 from *09 Burmese, F (Bob Padula, Australia) unID DW xmtr on 9455 USB hrd 27/9 w/DW IS at 1855 u/WMLK, from 2000 clear in Czech(?), 2030 HG to 2100 WYFR/VOFC s/on; what is site & power of this USB xmtr? (Ernie Behr, Manitoba) Deutschlandfunk (DLF) xmsns on SW [via DW facilities] 0530-06 Cz/Slovak & 06-0630 PL 9650 7270. 1130-1220 Cz/Slovak 7150 7130 6020 5995. 1230-13 HG & 1315-1350 PL on 7130 6020 5995. 19-1930 PL 11865 9615, 1930-2030 Cz/Slovak same, 2030-2130 HG same. Also several other langs on 1269 or 1539, incl EG 1915-20 on 1269, and GM lang les for EG Wed & Sat 1830-1845 (WBI 16/10) Note that these langs svcs are by DLF, not DW, matching times of Ernie's 9455-- doesn't DLF have its own IS? (gh)

DW EG to Nam effective 27/9: 01-0150 6040 6085 6145 9545 9565. 03-0350 on 6045 6010 9545 9700. 05-0550 5960 6120 6130 9635 (via Eric Falkenhan, Balto)

G R E E C E TRT-1, Ankara reported 4/9: Six Turx, detained by police in Gumulcine [GK: Komotini], Western Thrace, for establishing a pirate radio stn being in Turkish, have been released. They will not be held in detention during their trial. The Gumulcine court decided to release Hasan Iman, Muldat Melis, Erol Ahmed, Naim Hasan, Munir Sakir and Orhan Mehmet because their bcs did not contain any propaganda. Eqp that was confiscated by Greek police will not be returned to the Turx. Pirate stn was being to an area 50 km diameter populated largely by Turx (WBI 11/9) cf CYPRUS

G U A M KSDA, AWR, had xmtr malfunction in early Aug; xmtr on 11980 had spur-

ious signals appearing 285 kHz higher and lower, on 11695 and 12265, at 11-17. This was mistaken for their 2nd xmtr. Test relig bc, however, hrd 27/8 1430* on 9830, prob KSDA (Aug-Sept UADX)

KTWG, 11580, 2156-2200 ID as "KTWG Agana" (Kent Clausen, Denmark, DSWCI; log was 28/7) So now KTWR is just a secondary simulcaster of MW KTWG? (gh) KTWR complete sked: 0805-0930 EG As 11805. 0830-09 RS to SFE 11735. 09-12 Std CH As 11665 9585. 0930-11 EG Au 11805. 1030-12 Indo 15240. 11-12 JP 9820. 12-1330 JP 9780. 12-1330 std CH 11665 9820 9590. 1330-1345 Swatow 9590. 1330-14 Std CH 11665 9870 9820. 1345-1430 Cantonese 9590. 14-1430 Tamil 9870. 14-15 Std CH 11665 9820. 1430-1445 Assamese 9870. 1430-1550 (Fri/Sat 1605, Sun 1615) EG As 9780. 1445-15 Santali As 9870. 21-22 JP 11840. 22-23 Std Ch 11715. 22-23 Indo 11850. 2210-2240 Cantonese 9870. 2240-2255 Swatow 9870. 23-2330 Indo 15420. 23-2345 Std Ch 11850 11715=to 2330 (WBI 18/9)

H O N G K O N G ? BBC on 7160 hd daily since 18/9, from *1300 EG WS; strong some days, but mixed w/RMWS also from 1300, plus AIR from 1330; poor fq if HK, which was to start 27/9 per BBC anmt (Ernie Behr, Manitoba, 25/9)

Zhongguo Xinwen She nx agcy, HK, reported 29/9 from Peking [sic]: New relay stn in HK officially commissioned 27/9. "English fans" in Chinese cities like Peking, Tianjin, Shenyang etc as well as in central and northern China could for the first time clearly receive BBC. Following intro of new 9 megapound installation, BBC's Putonghua bcs will be extended an hour each day, i.e. 17:30 per week; Oxford EG teaching pgm still most popular one (WBI 9/10) AFP reported 9/10 from HK: BBC is considering a Korean svc, per Managing Dir John Tusa. New HK relay makes this technically feasible. Annual running cost of facility estimated at a megapound (WBI 16/10) Incredible that BBCMS must rely on such roundabout sources for info about BBC's own operations. Dec London Calling as usual omits site info on lang svcs, but does condescend to provide them for WS: that portion of HK sked is: 15435 2245-2430. 15280 04-0815. 11820 2330-2430. 11775 04-09. 7180 0815-0945. 7160 13-1445 & 15-1615. 5995 09-0945, 13-1445, 15-1615. 5965 2245-2330 (gh)

I N D I A AIR reported 13/9: Listeners in SEAs & Pac can now hear UN nx via AIR, produced weekly in NY, relayed to AIR stns in Delhi, Calcutta. AIR will bc them in EG & Bengali Sat eves, starting 12/9 from Delhi. EG will be Sat 1916-1931 on 31.43, 25.40, 19.55m [9545, 11810, 15345]; Bengali from Calcutta 1650-1705 on 260.4m [1152 kHz]. [WBI ed note: Per AIR current sked, EG is on 9545 11890 15335, EG on 1134] (WBI 18/9)

AIR GOS in EG effective 7/9: 00-0115 E&SEAs 15110. 10-11 NEAs 11920 15130 17387. 10-11 Au 11860. 1330-15 SEAs 9545 11810 15335. 18-20 Eaf 11935 15360. 1845-2230 UK & WEu 7412 11620. 20-2230 9910. 1945-2045 W&NWaf 9755 11860. 2045-2230 Au/NZ 9550 9910 11715. 2245-0115 E&SEAs 6055 7215 9535 11745. 2245-0115 NEAs 9910 11715.

Home nx in EG on SW: 0035-0040 3925 4860. 0240-0250 3905 4860 9630 9550 9610 11830 11870 15305. 0335-0340 3905 4860 9630 9610 11830 11870 15305. 0730-0735 7110 9610 9675 11730 11850 11935 15235 15250 17705. 0830-0835 6050 7110 11850 15125 15250 11730 9610 17705. 0850-0910 & 0930-0935 same. 1135-1140 6050 7110 9610 9675 11850 15320. 1230-1235 3905 7280 11735 9615 11620 15120. 1430-1435 3905 3925 4860 7160 7412. 1530-1545 3905 3925 4860 6155 7160 7412 9545 9950 10330, 1730-1735 3925 4860 7412 9950 6155. (Some local stns on SW carry the nx also) (Dr Supratik Sanatani, Calcutta, 27/9)

I N D O N E S I A RRI Ujung Pandang now hrd on 4753 ex-4719 at +1000-1610* since 31/8 (Tsutomu Kito, Aichi, Japan, Indonesian DX Review) RRI Jak not obs on 11865 at -07-08* since mid-Aug (Masao Oikawa, Saitama, ibid) Dictation type nx on RRI at 0715 seems regular as hrd 17/9 on 9680 & 11770, both G (Victor Goonetilleke, Sri Lanka, UADX) Stn on 3460, strong but distorted, no QRM, mx to 1459 ID as RPDT2..., nx (Lim Kong Jin, Penang, Malaysia, UADX) 11/9 1325 on 3460 got ID as RPDT2 Aceh Timur; audio not bad tho could improve. Unfortunately, many SW xmtrs are merely backup for MW and FM; old, inefficient, poorly modulated (Victor Goonetilleke, ibid)

Suara Pembaruan, Jakarta reported 11/9: Info Min Harmoko msg on 42nd Radio Day expresses hope that w/completion of new 250 kW xmtr at Padang Cermin in Medan, N Sumatra, VOI bcs can be expanded early next year to Eu & Af; presently averages 11½ hours a day in 10 langs. Radio Dir Iskandar Arban admitted that efforts to expand overseas bcs have encountered some difficulties due to absence of stn correspondents in target countries (WBI 25/9)

I R A Q INA n: agcy reported 22/9: Babylon Radio [Arabic: Idha'at Babil] began bc'ing at 0600 22/9 w/live bc from first festival of the historic city of Babylon. Would be annual tradition. 22/9 morn xmsn had ivs w/delegations participating, pgms abt civilization of the Babs and songs embodying continuity between Iraq's glorious past and bright present [sic]. Sked 06-09, 14-17 from VOMasses on 909, 1197, 693, 1116; Baghdad 1035 756 603 558, and SW incl 11815 9555 7240 9520 11710 6990 15400 17720 9505. Bab fest activities bc live on radio & TV to Arab countries via ArabSat (WBI 25/9)

I R E L A N D RNMN reported 1/10: Xmtrs for joint Luxembourg/RTE LW xmtr on 254 kHz have been ordered, two 300 kW. Ground for the 300m high ant mast is being cleared and studios being built just outside Dublin. R Lux spoxeman Maurice Vass says svc to be launched sometime during 1988. Name R Tara for this svc is only temporary; younger Brit listeners not accustomed to tuning LW (WBI 9/10)

I S R A E L VOI reported 7/10: journalists' strike against Israel R sked for 3:00 this aftn; last-ditch effort to prevent it. VOI ancd on all nets 7/10 at 1300: VOI is now closing down because of a strike declared by the BCing Authority's journalists. Monitoring 7-14 Oct: All VOI svcs have been off the air. Most SW fqs have carried only xmtr tones and IS the some carry IDF Radio pgms, not affected by strike (WBI 16/10) see also USSR

I T A L Y AWR-Eu has new sked for Oct & Nov. Forli xmtr now listed for 7257 07-16 daily in various langs incl EG 0830-09. "Test" bcs on 7107 19-21 in RM, SD, EG, GM, with EG & GM daily. Alt fqs 6015 7110 7125 or 7230. Use of split fqs appears unusual (Bob Padula, Oct Australian DX News)

I V O R Y C O A S T R Côte d'Ivoire reported 13/8: RCI will from 14/8 reorganise pgms sked, streamlining. Sat 0615-08 Press Forum. New signature tune from *0555. 06-09 morn segment, 09-12 late morn, 12-14 midday, 14-18 aftn, 18-20 early eve, 20-24 late eve segments. Morn will now include a daily report on a particular theme; Mon-Sat in turn reports on economy, law, arts & letters, sports, politics, etc. Midday pgm title Median instead of Zenith (WBI 21/8)

RCI hrd *0600 in FR 18/9 on 7215 6015 4950 [sic]. Ancd sked: 06-19 7215 6015 4940, 19-24 11920 7215 4940 + AM & FM (WBI 25/9)

RFI [sic], Cote d'Ivoire, 27/7 in FR at 1955 on new 7650 [sic], 34444 (Carlos Vives March, Spain, Sept DSWCI SWN) Why didn't the DSWCI ed question this item in the least? I expect someone will in subsequent issues (gh)

J A M A I C A RJR Kingston reported 12/8: Ministry paper No 39, outlining govt's plans to digest bc media, taken to House of Reps today. Govt will be offering its 25% of R Jamaica shares on stock market and no one will be permitted to hold more than 10% of total. Present JBC Radio One eqp will be sold to the licensee to operate on a commercial basis. Office space and bldgs will be leased w/possibility of sale later. Licensee will be required to divest 50% of their shareholdings to public within agreed period. Selection of licensees for R One expected by 12th Nov, and award date by 30th (¿March). Regional radio: licences will be issued for FM. Present regional facility will be sold w/exception of xmsn eqp. Award of licences for regional radio expected by 20/11. One licence will be granted for island-wide bc of relig pgm on FM, non-commercial. All incorporated churches will be able to apply. License to be awarded by 9/12. Present JBC R Two will be operated as a public bc'ing svc w/pgms in education, sports, culture, on basis of sponsorship in some instances for spl events; by Feb 88. ... [continues, going into TV] (WBI 21/8)

K E N Y A VOK 10/9 carried speech by Pres Moi at Nairobi airport on his return from a Eu tour: For many years listeners to R Kenya [sic] could not hear it beyond Meru [central Kenya] or Kitale [western Kenya]. We have sought remedies. Those who manage the stn say we should install boosters, here and there. For how many years are we going to install these boosters? You cannot use boosters to make something fly again. Therefore, saying that we are going to look for ways to create a new VOK, instead of this trash, so that when the VOK is on the air, it can be heard in Europe and anywhere else. Tanzanian radio is hrd all over the place. I would therefore like to say that I don't have much to say, but would like to add that we should be respected wherever we may be... (WBI 18/9)

K O R E A N O R T H unID presemed from here on 3025, first noted 29/8, daily

arnd 15-19, not //KCBS, Pyongyang BS and an unID on 1296v (Akira Shibuta, Japan, East Asian DX news of the Asian Broadcasting Institute 18/10 via T Kondo)

K O R E A S O U T H KBS-TV reported 15/9: Christian BCin System [CBS] will be allowed to resume nx and ads from next month. MinCult/Info off1 said govt is vly definitely considerin demands of CBS that it be allowed to, based on principle spirit of 29/6 declaration (WBI 18/9) Korea Times reported 20/9: Resumption of nx and ads on CBS is being construed as green light for development of domestic bcng industry as part of democratisation mvmt. Had been restricted to gospel-only for 7 yrs; ads & nx to resume from mid-Oct. Forced to drop those 15/11/80 when domestic newspapers and bcin companies realigned in govt reform measure. CBS started in 1954 and grew to be popular for its critical nx reporting on socio-political issues. CBS says reporters lost their jobs and company suffered severe financial difficulties because of ad ban (WBI 25/9) Hanguk Ilbo reported 13/10: In 12/10 BOD meeting, CBS decided to begin nx 19/10, four times daily at 2230, 0130, 0930, 1330 gmt. Also will begin ads as soon as sponsors available (WBI 16/10)

L E B A N O N V of National Resistance reported 14/8: Info Min Dir-Gen Dr Ayyub Humayyid ancd that the off1 R Leb [govt-controlled] has halted xmsns [on 836 & 989 KHz] for one week due to urgent repair and maintenance work. Stn needs maintenance and air-conditioning eqp. Needs 6 days to replace cables and resume opn. VONR reported 17/8: TV follows suit, but due to indefinite strike by employees union from 18/8; payments in arrears (WBI 21/8)

L E S O T H O R Lesotho, LNBS, Maseru: 0255-2200 daily on 4800. EG nx at: 0430-05 M-F "The World this Mornin"; M-Sat 05-0510, daily 1130-1140, 16-1610 (WBI 9/10) [this machine likes to drop final g's; you understand]

M A C A O HK Standard reported 6/10: British press baron Robert Maxwell, owner of mass-circulation Daily Mirror, spent 3½ hours in Macao 5/10 to make a bid for Macao TV's Chinese channel. That Maxwell will win the bid seems a foregone conclusion to Macao political observers who see governor Melancia's invitation to Maxwell as little more than a formality. Strife-torn govt stn has lost 50 megadollars annually since opening three years ago. Maxwell says he is a great believer in working together with the PRC. RDP Commercial Radio, Lisbon reported 5/10: Maxwell recently signed agmt to run media concerns in Portugal too (WBI 9/10)

M A L A Y S I A R Malaysia KL on 9515 and 9665 recently could not be observed (Hiroshi Fujita, IDXR Sept) RTM TV reportd 20/9: Info Min Datuk Mohamed Rahmat has said that coverage of FM stereo net will be expanded to cover entire peninsula from 31/8/88. Presently, only rcvd in KL, Kelang, and vicinity (WBI 25/9) Such FM expansion presumably will impact further on AM & SW (gh)

M A L I Malian R, Bamako reported 26/9: Another milestone in coop between Bamako and Peking [sic] w/handing over of renovated eqp at SW xmsn centre of Malian R and TV [RTM]. Ceremony in presence of 6 ministers, presided over by Info & Telecomms Minister, Gakou Fatou Niang and Chinese Amb to Mali, 26/9 (WBI 2/10)

M A U R I T A N I A 4785 arnd 2300, mx //4845, closin anmt in FR, NA to 0000* 4785 not listed in WRTH 87 (Sarath Weerakoon, Sri Lanka, UADX)

M O N G O L I A RUB, 9572.7, from *1445 IS & EG pgm, weak but clear 19/9, faded before 1500; 12015 u/heavy QRM (Ernie Behr, Manitoba) RUB on new 15230, *1940-1953 25/7 IS, EG opening, nx, 33333 (Kenji Hashimoto, Japan, DSWCI SWN) Wonder if this is a typo for 15320, previous new fq; but this is in 15230 fq order (gh)

N E T H E R L A N D S unID RN relay on 7290 and 9505, from *1327 IS & DT to 1422*, both w/vy strong 555 sig since 18/9; no longerancg relay sites (Ernie Behr, Manitoba 25/9) Surely Jonathan Marks has enough influence to reverse such a policy. Sked shows 7295 Flevo, 9505 Madagascar for this xmsn (gh)

N E W C A L E D O N I A RFO Nouméa, 7170.4, from 0605 all pop & rock mx, 0800 FR nx, 0828 back to mx; strongest sig on band 23/9; at 1300 still going w/ pop & rock to 1410 f/out; new hi-power xmtr, 24h? 28/9 mx to 1500 f/out, most-

ly EG & FR pop songs, also one AR pop song & jazz (Ernie Behr, Manitoba, 1/10)

R Australia Talkback reported 13/9: Leading up to today's referendum on independence, attempts were made to silence pro-independence bcers. Sue Williams explains from Nouméa: Radio Djiido is havin its nx bcs jammed, half-hour bulletins in morn, lunch, eve; difficult in some parts of Nouméa to pick up what is being said. Noise is electronic, sort of "shsh' shsh'", or 'wooh-wooh' other times just hash on the line, but it starts and ends at particular times, obviously deliberate. R Djiido has complained to bcng authorities and police, but no action yet. Djiido also jammed when first went on air in 1985. Believed to be jammed now by political rivals, not French authorities. Another stn has been vandalised, independencist stn on east coast in northern part of NC, Rdio North; ant cables cut in three places, and ant itself disappeared, but back on air w/substitute ant (WBI 18/9)

France Inter reported 22/9: In NC, TDF admn confirms installation of a xmtr for Radio Rythme Bleu, 15/8. Allows stn belongin to the RPCR [NC branch of the Gaullist Rally for the Republic party] to bc to southern part of terr. RRB was authorized to bc only to Nouméa and vicinity (WBI 25/9)

There has also been a flap about unauthorised installation of xmtrs for FLNKS stns on the îles Loyauté (WBI 2/10) Presumably all this concerns FM

N I C A R A G U A LV de Nic (tent), 6015.9, from 0400 SP sports & many ments of Nic, F sig, hrd 17/9 only, het from R El Mundo (Ernie Behr, Man, 25/9)

Monitoring 3-10 Sept: Intl Svcs of VON again changed sked: SP & EG hrd 00-04 Tue-Sun utc on 6100 only. EG at 03-04 (WBI 18/9) Pgms include: in Spanish, nx "Aqui Nicaragua" at 0001[sic]-0010, 0200-0210, 0250-0259; mx and nx at 0010-02, 0210-0248. EG: "Nicaragua Today" nx 0301-0315, 0345-0359; Nicaragua This Week Sat 0315-0335, Sun 0325-0345 (WBI 25/9)

Vatican R reported in Czech 24/9 from Nicaragua: Catholic R Stn R Católica is to re-open 1/10; had been closed [since Jan 1986] by govtral decree. Authorization given 22/9 to Cardinal Obando Bravo [sic], Archbishop of Managua. After inspecting eqp w/techs, he discovered it had suffered considerably thru not being used for a lon time, so much has to be replaced or repaired, estimated cost \$22,000. In addn, a number of priests who had been deported have returned to the country, and opposition daily La Prensa has begun to appear again (WBI 2/10) Monitoring 2/10 confirmed resumption of bcng by R Católica on 720, religious mx and ID 2114 "For Christ and for his [sic] church, this is HDA [sic] Radio Católica from Nicaragua bcin on 720 kHz MW" (WBI 9/10)

N I G E R I A FRNC Lagos, new 3326 again active, 1/8, 5/8 1940-2101, Af folk mx, drums, talk, ID (Harald Kuhl, FRG; Finn Krone, Denmark; Roland Schulze, FRG, Sept DSWCI SWN)

P A K I S T A N R Pakistan, Karachi/Islamabad, ES: 0045-0230 Urdu As 15115 11570. 01-0245 Bengali As 15135 11995. 0230-0245 EG nx at dictation speed to As 17660 15580 15115 11570 7010. 03-0345 Swahili Af 17725 15125. 0330-0415 Persian ME 12005 9860. 04-05 Gujarati Af 17725 15125 Eaf. 0430-0645 Urdu ME 17660 15605 12015. 0515-0615 AR ME 18050 15565. 07-0745 Turki for Afghanistan 7375 6175. 0715-0815 Burmese 18050 17640 15605. 0715-1105 Urdu Eu incl EG nx from DS 08-0803 & 1005-1010 on 17660 15606. 09-0945 Tamil 15335 11570. 1015-11 Indonesian 18050 17640 15580. 1105-1120 EG dictation nx Eu 17660 and 15606. 1115-1230 Hindi 11640 9495. 12-13 AR ME 18050 15605. 1230-1445 Bengali 15625 11965 incl Sylheti nx 1427-1442. 13-1430 Hazargi for Afghanistan on 756 [do the Pakistani know something we don't? They bc to Afgh in Turki and Hazargi whilst everyone else thinks the main langs are Pashto and Dari -gh]. 1315-1545 Urdu 15605 15190 11615 9465. 16-1630 EG ME/Af, dictation news after 1615, on 15605 15125 11625 11615 9785 9465. 16-18 Dari to As [not specified as Afgh] on 585. 1645-1745 Turkish Eu 15605 13675 11615. 1645-1718 Urdu Eu 11570 7100. 17-1745 Perisan 9465 7385 4775. 1718-18 EG Eu 11570 7100. 18-19 Urdu Eu same. 18-19 Urdu, Islamabad pgm ME 7385. 1915-2015 FR Eu 11640 7100 (WBI 25/9)

Xmtr callsigns and sites for EG fqs: Islamabad: API-1 7010. API-3 11625. API-4 15125. API-5 11570, 12015, 17660, 11615. API-6 15115, 15605, 15606, 9785, 7100. Karachi: APK-2 9465. APK-3 15190, 15605, 11570 (Noel Green, UK, UADX) These callsigns are really anachronistic; practically all other intl bcers have dropped or suppressed once rampant callsigns; a shame (gh)

Regional svcs, the real DX catches!: Rawalpindi 0045-0403(Fri 05) on 3955, 06-11(Fri 06-0820 & 10-11) on 6130. 1115-1445 6070, 15-1803 3955. Peshawar 10-1205 4950, 14-15 4950 10 kW. Quetta 0045-0403(Fri 0345) 4880, 06-1145 (Fri

04-0820 & 10-1045) on 7175, 12-16 & 1745-1803 on 4880. Karachi 0215-0545 & 14-19 on 4815 APK-5; 02-0215 & 03-0307 on 5930 APK-4 (Noel Green, UK, UADX)

PANAMA La Estrella de Panamá 11/8 ran text of communiqué from govt & Justice Ministry's Natl Directorate of Social Comms Media: in accordance w/ Decree 155 of 28/5/62, all persons using mikes of a radio or TV stn, incl those in ads, must have valid ancr or commentator licence. If not, must take relevant courses at UniPan's Radio School. To improve media quality. We call upon radio & TV stn licensees to observe spirit of laws, abstain from sending to this office people w/ltrs of recommendation from 'godfathers' to obtain licences by circumventing established regs (WBI 28/8)

Radio Uno Soberana, which was ordered to stop bcs 7/7/87 by Pan govt, obs resumed on 570 khz 5/10, 1200 gmt continuous mx, IDs (WBI 9/10)

PAPUA NEW GUINEA NBC's Kundu svc is virtually the provincial svc, 19 stns catering to our diverse society and lang barriers, for specific rural audiences. PNG has 700+ local dialects but two natl langs, Pidgin and Motu. Most southern stns--Papuan region--use Motu, while the rest use Pidgin. Some use local dialect like R Morobe with Kate and Yabim, as both are spoken by more than 20% of the Morobe people. The name Kundu for the svc comes from the Kundu drum, local instrument finely carved from log wood hollowed in the centre and firmly covered at one end with goana [word related to iguana? -gh] (lizard) skin that when tapped, hit with palm of hand will make distinctive noise. The Kundu is commonly used by people thruout PNG to perform dances, rituals, feast and callin villagers or dancers to assemble and disseminate info. These drums are valued highly and bestow status symbol owning one and moreso carving your own. The use, value and role this instrument has in any PNG society depicts the role Provincial Stns play in respective provinces, hence the naming of our service Kundu (A R Nase, Stn Mgr, R Morobe, 28/7 letter to Dr Asis Kundu, Calcutta, inquiring about namesake, Sept IDXC1 Asian DX Review) Also enclosed stn list, including these portions at variance w/WRTH 87: R Morobe, Lae, plans 49mb outlet w/pgming from Port Moresby in EG, fq unk, in the Karai svc. R Simbu, Kundiawa on 2376 kHz, Kundu, R M/Bay [sic] on 3360, 10 kW in Motu & own langs, 5:30-7:30 am & 17-24 pm [sic] local. Also list of Kalang FM stns, 15 of them mostly 100 watts, a few 1000 watts, and all between 100.1 and 100.8 MHz, operatin 0530 am to 2400 pm local (ibid.)

PARAGUAY R Encarnación, 11944.7, from 2300 SP talk and Pg mx, 2330 SP mx to 2331*, wk but clr 15/9; other days past 2400 (Ernie Behr, Manitoba) Same stn sent personal ltr, info on Pgy from v/s 'Prof' Alejandro Lapierre, US\$ sent, registered reply. A friend of mine who lived in Pgy for some years says that many Paraguayan men are calling themselves "Professor" without really being one (Martin Hilbig, Deutschland, Sept DSWCI SWN) Not necess Sr Lapierre...

PERU R Sideral, 9754.7v, hrd w/many clear IDs UTC 27/9 from 0200 Andean mx & ads, 0300 "éxitos" to 0345*a; was off 28 & 29/9 UTC; hd again 30/9 on 9754.70 until 0415*a; one ID said "R Sideral, desde Pucallpa para todo el mundo"; plays much huayno-type mx w/tropical beat; is there a name for this unique type of mx? R Acari, 6304.5, hrd to 0356* w/Pv mx and ID 1/9; have located town of Acari on my map, in Arequipa dept about 20 mi from coast and SE of Nasca (Behr, Man)

R Marañón, stn no 4) in WRTH 87, lists itself on 4935 w/1 kW and on 580 w/10. Sked 11-03 (stn via WRTHLA via Aug DSWCI SWN) Will be active one day? (DSWCI ed)

R Universo, 6815, sent ltr, cpd card from Gerardo Miguel Lozano Tantaleán, Director. Stn is in Pandalle, Cajamarca, 100 W. But addr is Jirón 22 de Octubre 1809, Cutervo. Indeed is on only Sundays, because of cost of fuel for generator. Gerardo and his three brothers operate the stn. He is a student in Cutervo and it is a two-hour walk from Pandalle! Stn is extremely simple, xmtr, mike, two TTs, no console/mixer, which the brothers hope to build soon. Fascinating letter. (Don Jensen, NU, via Sept DSWCI SW News)

PHILIPPINES R Veritas Asia sked updated to 20/9/87: 21-2125 Korean 9680a 6200x. 2130-2325 Mandarin 9740a 7190x, 23-2325 11820a 15255b. 2330-2355 Viet 11710a 9560x, Indo 11820a 15255b. 00-0025 Japanese 15270a 9730x. 00-0030 Sinhala 11820a 15255b. 0030-01 Burmese 15255a 9560x, Tamil 11820a 15255b [sic--surely both aren't on 15255 unless ISB! -gh]. 01-0130 Karen 15225a 9560x, Bengali 15330a 15370b. 0130-02 Kachin 15225a 9560x, English 15330a 15370b. 02-0230 Viet 15330a 15370b. 0235-03 Urdu 15325a. 10-1055 Mandarin 9605a 11755x.

11-1125 Viet 9505a [sic] 9595x. 1130-1155 Korean 9650a 6200x. 12-1225 Japanese 9645a 7190x, Indo 9550a [? illegible] 15240b. 12-13 Mandarin 9700a 15215b, Karen 9640a 6160x. 13-1330 Telugu [sic] 9700a 15215b. 1330-14 Sinhala 9700a 15215b. 1330-1355 Kachin 9640a 6160x. 14-1430 Tamil 9700a 15215b. 14-1455 Viet 9540a 6160x. 1430-15 Bengali 9770a 15215b. 15-1530 English 9770a 15215b. 1535-16 Urdu 9615a 15215b. 15-16 Mandarin 9540a 6160x. a = 100 kW, b = 50 kW, x = 250 kW. The second 250 kW xmtr is been installed; with a little luck will be on the air by 1988 (Aug-Sept UADX)

Indonesian DX Review, Sept gives RVA official sked for Nov-Feb, differing from the above as follows: 2130 Mandarin until 2355 --that would mean 6 xmtrs at once in the 2330-2355 period; I thought they only had 4, but later there will be another such instance. 2330 Viet on 9730 not 9560. 01 Karen on 15255 not 15225. 01 Bengali on 15310 not 15370. 02 Viet lasting an hour and on two diff fqs 15225 9560. Add a 02-0230 Telugu on 15330 15310. 11 Viet on 9605 not 9505. 1230-1255 Indo, not 1200 and on 9700 not 9550a[?]. 12 Karen on 9585 not 9640. 6 xmtrs shown in use at 12-13, while in UADX list only so at 12-1225, and in both 9640/9645 on at same time. 13-1330 add a Burmese on 9640 & 6160. Tamil at 14-1425, not -1430. 1535 Urdu shown only on 9615 (Direct from RVA via Satoshi Wakisaka, IDXR; gh's comments) Such is the mess one gets into when comparing sked of one stn via two different sources; I suspect neither the version is/was completely correct (gh)

DZXO, Vanguard R net, Manila, 2377 kHz harmonic at 1430-1455* 28/6, Am pop mx, 33343 (Ichiro Maruo, Japan, DSWCI) Of 1188 kHz (Anker Petersen, DSWCI ed)

Sports Radio 738, Quezon City, reported 30/9: Senate President Jovita Salonga has filed a bill setting the condxu/which govt may order temporary closure of a radio or TV stn in times of emergency; is offshoot of suspension of opns of some stns at height of 28/8 coup attempt. Stn may be closed if it airs false, inaccurate or misleading commentaries which aim to incite people. Pres order may be orally or in writing by commissioner of telecomms or his rep. Same stn reported 5/10: A member of the bc industry appealed to Salonga to withdraw bill. Natl being pres Abelardo Yabut says no need for bill since all bc stns already regulated by govt permit. Said bill is infringement of freedom of expression of bc facilities. Yabut outpointed public is entitled to vital info, particularly in time of natl emergency, part of their constitutional rights (WBI 9/10)

RPN 9 TV reportd 7/10: Pres today ordered closure of 3 radio stns in Metro-Manila, amid reports of a vry serious coup plot against Aquino govt. The three stns, DZEC, DZME and DWBC, have violated constitutional provisions by inciting people to rebellion and sedition. Order was unanimously concurred by cabinet ministers. AFP reported 8/10 from Hong Kong. Govt offis 8/10 closed the first of 3 stns for allegedly aidin ritewingers plotting a coup. DZME, Manila was closed by reps of the Natl Telecomms Comm, NTC. Its crystal was confiscated. DZME is known as a rabidly pro-Marcos stn. Its commentators often make highly personal attacks against Mrs Aquino and other offis. DZME protested, saying such msgs came from people buying airtime from them. Sports R 738 reported 8/10: DZRH stn mgr Carlos Castro said his stn will remain on air, and is not one of the three; but stn will now impose stricter guidance (WBI 16/10) Above reports outshine Washington Post story, which ran 39 column inches but never got around to mentioning the identities of the 3 stns (gh)

QATAR QBS Arabic pgm, Doha DS: *0245-07 on 9585.4, 0850-1305 15395.7, 1305-1705 15265.7, 1705-2130 11820; Ramadan 24h; also on MW 954 and 675 (WBI SAIPAN/ 2/10)

SEYCHELLES FEBA Radio News, Worthing UK Oct/Nov reports: FEBA now has 26 langs, more than ever before, pgm output 400 a week. New langs are for north India. In March, Marathi was added for Maharashtra State; now Mundari, tribal lang of Munda tribe in Bihar, spoken by a megaperson. Bengali is back, for W Bengal and Bangladesh; had been off air for 6 months. Most pgms are produced by pastors and laymen in Calcutta, and bc over Saipan [instead of Seychelles]. EG to Af is back after 8-month absence, 30-min magazine development pgm "Africa Challenge", produced by TWR Nairobi (WBI 9/10)

SLOVAKOCZECHIA Monitoring 10/10: R Prague ES introed new weekly pgm in EG svc called by CTK nx agcy "The Voice of Believers in Czechoslovakia" [sic]. It was on 7345 and 5930 as 8½ min feature in 19-20 xmns to Eu Sat 10/10. R Prague introed new series of talks as "Christian comment from CS in which, at req of many liseners arndworld, reps of various relig communities in CS as well as ordinary believers and priests will discuss the activities of the churches, par-

ticularly in the global struggle for peace and the happy future of humankind". Speaker in first pgm was Prof Frantisek Vymetal, Chmn of Catholic Pacem in Ter- ris assn in CS. He is also dean of the Cyril and Methodius theological faculty at Litomerice (north Bohemia) and the general vicar of the Olomouc archdiocese in N Moravia (WBI 16/10)

YOUTH AFRICA RSA is using listed S87 fqs for *02 & *03 EG bcs. At *02, 11730 is workin better than it did in tests earlier this year; even tho it hasn't been audible every night, it's been pretty strong when in. At 03, 6120 has been best, albeit w/some REE splash; 7295 not as strong, 5980 poor, sandwiched between BBC WS and VOFC/WYFR. *0430 FR is usin 7295 9585 11900 (William E Westenhaber, Montreal PQ, 15/9) [just missed closin of Oct IN]

SPAIN Despite the printed sked, REE is indeed using 11880 for *01 & *01 EG to NAM //9630, and 6125 for the *05. New fq for REE SP svc is 12030, noted to 2133* 14/9; unsure of s/on time, but noted a few days earlie arnd 2045. The notes in Sept FRENEX under Paraguay from gh and Ernie Behr reminded me that on Sat 29/8 I noted REE running "Cita con Paraguay" on 9745, seemingly beginning at 2325 tune-in, pgm of uncensored nx for Paraguayan listeners (Westenhaver 15/9)

SRI LANKA TWR-Viswawani [sic] latest SW sked 1230-1330 on 11920, 1330-1530 on 11820. EG 1220[sic]-1330. 35 kW xmtr is used, not 100 on 11800 as indicated in some DX bulletins. Confusion maybe because for a while the 100 kW Siemens xmtr was off the air, the 35 kW was used for the svc on 11800 and when the 100 was repaired, the 35 was released for TWR. SLBC has offered the use of a 12.5 kW SW xmtr for TWR for svc to S India. TWR will help w/some refurbishing of ants at Ekala. NHK Japan will also before long use SLBC to relay R Japan to SAs (Victor Goonetilleke, Sri Lanka, Aug-Sept UADX)

Japan is to assist SLBC to expand Ekala SW site per anmt by SLBC 7/9. A delegation from Japan is currently studying the Ekala site, abt 12 km N of capital. Japan will assist SLBC to establish a bcng and training centre. Offls at SLBC say present studio and tech facilities are inadequate to meet mounting demands. Total estimated cost of project is US\$11 million. Existing antennas will also be reshaped to reach worldwide audience. New complex should improve quality of bcng, reduce maintenance costs and bring in higher earnings, and provide facilities for training (Sarith Weerakoon, ibid.)

I think in not too distant future we might have something like Moyabi Gabon type operation. Put up a big SW stn and sell airtime to people like Japan, France, etc. There has been much talk since the Indo-SL agmt about the VOA project. Since the agmt, VOA-SLBC has already been signed it will go ahead. India feels that VOA relay could be façade for all sorts of undercover opns. India has been objecting to the project since the stn unlike the present VOA relay operated by SLBC, will be manned and operated by Americans. I don't think India need worry so much about that because it is obvious that USA does not want to do anything to spoil relations w/India. As far as the SL govt is concerned, she doesn't want to have any foreign power using SL as a base against any other country. That has been the case right along. If there was any shift in policy (there was not), India was to be blamed for being anti-SL. The SL govt only sought assistance from Israel, America etc to safeguard its own independence. After India's airdrop it was obvious that if things went in that same way, India would invade SL and that SL wouldn't just wait for that and be a Cuba. Our friends like USA, UK weren't going to back SL against India as they valued India, too much a prize to lose at the gain of SL. Pakistan wasn't able to help us. But there was someone else who cared two pence for friendship with India! So I think it dawned on India as the suppower in the region that it was in her best interest not to be anti-SL and also Sri Lankans like me don't want this little island of ours to be the boxing ring for super powers. Definitely not another Afghanistan or a Lebanon, a Cuba or Nicaragua.

Hey! Hold the horses! What has the above got to do with DXing-Very much! Whether we like it or not, intl radio is politics and if you want to understand bcng from SL then you must understand the situation here. If you are interested in clandestine bcng, then you must understand the politics of the region. Hi! As ed of UADX, I have had more response from UADX members to our political reports than the DX info over the last few years. If you would like to contribute, please do. I only ask that it be at least remotely connected to broadcasting. I don't edit anything in an unfair manner and make UADX my own voice!! (Victor Goonetilleke, Aug-Sept UADX) see also CRANNY

Chat with VOA-Colombo: They are v pessimistic abt new VOA project. Maybe VOA will quit & put THL*[*] more xmtrs. No firm decision taken yet. Best would be put 3 x 100 kW instead of 35 kW now (Victor Goonetilleke, Sri Lanka, Oct)

*I guess he means Thailand

SURINAME R Apintie, 5005, Sunday 12/7 Sarnami pgm of "Suresh Ads" owned by Suresh Panday and presented by Kamla Sukul and Suresh Panday, old songs like "O dur jane wale", Dutch ID at 1900, then Javanese pgm of "Henriette Advertizing" owned by Henriette Moenasir (R G Sewdien, Suriname, DSWCI)

SWEDEN Sveriges R reported 8/10: RSI has decided to start reading excerpts of the controversial British book "Spycatcher". The bcs can be hrd on MW [1179 kHz] in Britain... RSI started reading extracts in SCDX pgm 13/10, in EG on Tues during 14, 16, 1830, 21, 23 bcs, Weds 0230, 0330, 0930, 11, 1230 (WBI 16/10) Better watch out, BBCMS, the guys upstairs'll get you for this, hi. It seems SCDX bc strays further and further from DX tips--the 20/10 bc, which also began w/Spycatcher exc, also had items on satellites, packet radio, and didn't get arnd to DX nx until 1423, w/pgm ending at 1426½ (gh)

SWITZERLAND see CHINA

SYRIA Current sked per WRTH NL & with changes obs here at Piliyandala: ME 04-06 & 15-17 on 9950 (latter xmsn on 11625 instead); 06-15 on 12085 (observed on 15090v instead). NAF 04-0830 11625; NAS 13-14 11625, 18-1830 12085; Eu/Nam 1835-2105 12085/15020; Nam 2110-2210 12085; SAM 2215-0015 9950 12085. EG nx obs on 11625 to 1515 18/9 (Victor Goonetilleke, Sri Lanka, UADX)

Monitoring 12-15 Sept: a 15-min pgm of nx in AR, FR, EG obs 15-1515 on 11625 since 12/9. IDs as from "Studio 1 in Radio Latakia of the Syrian Arab Rep" consists of nx reports and items abt the Mediteranean Games which are taking place in Latakia from 11 to 25 Sept. From 1515 the fq carries regular Genl Pgm in AR from Damascus. Anmt 13/9 indicated that a brief daily nx bulletin in AR, FR, EG would be carried by R Latakia at 1030 and 1500 (WBI 18/9) Monitoring 15-23 Sept: R Latakia Medit nx continues 1530-1545 on 11625; 1030-1045 now confirmed on 15091. Both from R Latakia w/in R Damascus pgm on 666 and 567 // SW (WBI 25/9)

THAILAND King's Svc from Royal Household??? Hrd 5/9 arnd 1130 while checking Victor's unID on 6150. Pgms in Thai, many ments of Or Sor. 1100 into Thai NA, 1200*. Not hrd Sundays. In Thailand the monarchy is traditionally revered as a sacred institution. Perhaps the Royal Palace has reactivated SWBC after a break of nearly 17 yrs. MW outlet 1332 has co-ch AIR Mangalore [sic] and metro svc of RRI Jakarta. Uma Kanthan may hear 1332 better, over there on the east coast. Reception of Thai, Indo, Malay etc must be stunning over there (Sarath Weerakoon, Sri Lanka, UADX) Uma Kanthan in Baticola hears on rare sporadic E breaks even FM sigs from Malaysia and Singapore. Or Sor is a bit irregular, not on Sat 19/9 either. S/off w/ID "Thini Satani Withayu Or Sor, Raichuan" Lots of mx only, short Thai anmt after many items of mx. Let's hope they reply to my query. In the 60s many Thai stns were on SW. Suddenly they went off more or less and have been only on MW. These SW stns started getting listed w/details when gh was in Korat US base in Thailand. The first SW listing I see is 1971 on 6404. These stns may have existed on SW before but not listed until Glenn came along (Victor Goonetilleke, SL, UADX Aug-Sept) Tnx for remembering (gh) 6148?

R Thailand reported 15/9: MinCom plans to issue reg by yearend to allow households to install satl dishes. Will not apply to commercial places of entertainment because use of satl sigs in them could lead to copyright problems. At present only forn embassies in Thailand and other spl agencies are allowed to operate eqp for pickin up satl sigs (WBI 9/10)

TUNISIA Tunisian R reported 29/9: Pres of Rep has decided to appoint Slaheddine Maaouiya as DirGen for RTT (WBI 9/10)

UGANDA R Uganda reported 29/9: natl survey to establish listenership & reception of RU will soon be undertaken by MInfobc so that it can plan better in distributing svc. MInfobc Mr Mayanja ancd this today. Underscored importance govt attaches to development and expansion of radio svcs. Also, district administrations owe the company [?] more than 2.8 megashillings for radios supplied to their areas (WBI 9/10)

USSR V of Israel reported 11/9: Soviet RSP&P, which bcs in Hebrew to Isr, is proposin co-op w/VOI. Stn personnel raised this proposal in meetin w/our

envoy in Moscow, Mordekhay Shoham, who is covering the Intl Book Fair. Alexander Kushnir, stn's Deputy Chief EG, proposed an exch of commentaries, reports, ivs betw his stn and V of Israel (WBI 18/9) Incredible (gh)

Kommunist Tadzhiikistana reported 30/8: A Tajik radio bc in German for Soviet Germans living in the rep will be hrd for first time on the air at 0640 30/8. Radio workers have been given great assistance in organising the pgm by members of the for-lang faculty of Dushanbe State Pedagogical Institute. Nx & mx pgm is prepared by Khayrullo Sayfullayev, chief of the GM-lang dept, and Lyubov Andreyevna Puzymikova, senior teacher in that dept. Republican nx and ivs w/ frontrunners in ag, industry, construction and transport who are German by nationality will be hrd on the air. Pgm will last 20 mins, twice a month on Suns. In near future, the republican radio plans to begin bcs in Tatar lang (WBI 25/9)

R Moscow GB & Ireland svc in Q&A pgm commented on jamming: BCs by VOA and WEU stns like BBC are no longer jammed. Only subversive stn is jammed--R Liberty, w/out any offl status, based in Munich, FedGer, directly controlled by CIA [presumably the Big Lie continues, as many yrs ago now, R Liberty was removed from direct CIA control, allegedly -gh]. Stop of jamming of VOA or BBC was exclusively a goodwill display of Moscow. Legally we still have reason to jam these stns for simple reason that they violate rules of intl radio bc in by crudely interfering in internal affairs of USSR. VOA pgm series last Aug in which population of Baltic reps urged to hold anti-Sov demonstrations, w/exact instructions on venue and time. But were not success, contrary to original design. It would be strange if this R Moscow pgm was suddenly jammed. We never allow ourselves to interfere in the affairs of other states; we don't consider that necessary. [e.g., they make a big issue of 'political prisoners' in US gaols; even if they have a point, isn't this QRM? -gh] Nevertheless our pgms are sort of censored in the US. Most Am listeners do not use SW. But US admn still refuses to give consent to installatin of our MW xmtrs closer to Am terr. Apparently the US authorities try to place RM pgms outside the reach of listeners in the US (WBI 2/10)

TASS reported 11/10: Ivar Kezbers, depy chmn of State Committee for TV and R Bcing says they contemplate establishin a WS of RM in RS lang, since up to 500 megapeople on earth know the lang to some extent; over 25 million study it in 100+ countries. Kezbers said since last May NAM svc of RM started relaying some of its pgms from Cuba [on MW--had been on SW for many years -gh]. When some US offls say they are dissatisfied w/use of some fqgs allocated for local Am stns, I think this can be settled constructively. But USIA and State Dept offls are not just dissatisfied w/situation. If you listen to them, you think we deployed intermediate-range missiles on Cuba rather than started MWBC. Over decades, radio bcing situation vy lopsided in favor of USA. US-owned xmtrs and relay stns deployed in many countries, some right next to Sov terr. VOA, RL, RFE use both SW & MW in all main USSR langs. USA regards this 'cold war' vs USSR as quite normal, plus US mly bases along our borders. What's wrong if we tried to put right this imbalance in bcing? The more so, since we do not incite our audiences (in the USA) to disobedience, to 'protest actions and rallies', as it was done to Sov Baltic reps last Aug (WBI 16/10) These arguments are hard to refute, aren't they, beyond the "we're good and you're evil" (gh)

Mnitoring 27 Sep - 7 Oct: RM EG via Cuba obs: 22-23 NAM svc 6170 6010 1040. 23-04 NAM svc 6170 6000. 04-05 RMWS 6170 6000. 10-13 RMWS 6170 6000. 13-20 RMWS 11840 6170. 20-22 RMWS 11840 6170 1040. The xmtr on 1040 carries spl pgm in EG for US listeners 13-23 Suns & alt Sats. Relays of RM in RS on 4765 appear to have been discontinued (WBI 16/10) Oh, yeah? There at 2328 check 25/10. You can't just look for it on 4765, as it varies all over the place (gh)

UNITED ARAB EMIRATES VoUAE Abu Dhabi, 6015, from *0210 IS & AR pgm, ex-15405 since 6/9, //11865 better; 6015 shd not be confused w/Zanzibar (Ernie Behr, Manitoba, 25/9)

UK OGBANI R Australia Talkback reported 11/10: Once again BBCWS being relayed by satl from London to EastBurwood here in Melbourne and then on to Shepparton. You can hear the WS on 15110, xmtd on 65 degree beam to mid Pac, primary target Fiji. WS relay began 5/10, daily 22-0030 (WBI 16/10)

USA WRNO D87 effective 25/10: 16-22 15420, 22-24 9495, 00-04 7355, 04-06 6185; 06-12 6185, 12-1430 9715, 1430-16 11965 (George Jacobs) However the 06-16 period is Sunday only and currently suspended. Also, WRNO went off the air 22/10 due to a difficult to clean short in a xmtr tube base, which required draining the vapour-cooling system, etc; and still off 25/10, missing all WORLD OF RADIO

sked bcs that weekend; new WORLD OF RADIO sked for standard time is: Thu 1615 on 15420 [subject to elimination w/out notice], UTC Fri 0130 on 7355, UTC Sat 0400 on 6185, UTC Sun 0030 on 7355 [subject to earlying due to football--if before 00 would be on 9495] (gh) Sun morn/ aft may return after f/ball season

WCSN D87, effective 1/11 to 6/3/88: 16-18 15280 45^o NEU. 18-20 21515 105 S&CAF. 20-22 9465 60 SEU. 22-24 9465 90 WAF. 00-02 9850 60 NEU. 02-04 9850 90 EAF. 04-06 9465 105 S&CAF. 06-08 7365 45 NEU. 08-10 7365 90 WAF. 10-12 on 17640 105 WAF. 14-16 17640 75 N&EAF (George Jacobs) I believe the 14-16 xmsn still hasn't been activated (gh)

KUSW, Salt Lake City UT, D87 sked effective same period, all 70^o to E & C Canada: 00-03 11680, 03-06 9755, 06-11 6135, 11-16 9850, 16-19 15225, 19-22 17715, 22-24 15580 (George Jacobs) Look for it to start testing in Nov, possibly on completely different fqs as was case with WCSN test period (gh)

R Earth, via WHRI, UTC Tue 03-04 from 26/10 on 7400 and tent 9745 (RE) 2nd fq instead of long predicted 6000; while QRMoscow there, a 49mb channel would've helped close-in listeners long skipped over on 7 MHz (gh)

VENEZUELA Monitoring in Sept: Since early in month, intl svc of RN de Venez hrd w/sked one-hour xmsns in SP at 11, 14, 18, 21, 00, 03 on up to 4 fqs: 11860.2, 11693.3, 9540, variable 5019-5020. Till recently the first and last carried R Nac's domestic rather than intl svcs. The IS ancs however that it bcs on 11850, 11695, 9540 (WBI 25/9)

R Universidad, 3395, after f/up for old rpt, rcvd ltr, sticker, v/s Lourdes E Dubuc M., Dir. She says she took over dir's job just a few weeks ago and is now trying to reorganize the admn. Also says earlier ltrs have been rcvd, but former stn personnel didn't reply, for unk reasons (Michael Wendt, Deutschland, Sept DSWCI SWN)

YUGOSLAVIA R Skopje, 11735, via R Yugoslavia, regionally produced segment, *0900 27/9 after IDS, into Macedonian nx, incl reports for Macs abroad, some local songs. One hour later due to std time (Bob Padula, Victoria)

ZIMBABWE ZBC Harare reported 30/9: ABC Radio 4 is to add pgms in Shangaan and Kalanga. BBCMS ed note: Is educ svc, already carrying pgms in EG, Ndebele, Shona (WBI 9/10) About time they added these; I recall at least Shangaan already used by other stns (gh)

CLANDESTINE CRANNY Sudan People's Armed Forces Programme
Monitoring 10-12 Oct: irregularly hrd anti-SPLA stn called this hrd 10/10 13-14 on 9555; durin same period, R SPLA, hostile to Sudanese govt, hrd w/regular pgms on 9550 & 11710. SPAFF again hrd 12/10 1405-1445 w/pgm in AR; 1425 nx started w/anmt "The nx in detail from Omdurman". Nxreader was recognised as one previously hrd on offl Sudanese R in Omd (WBI 16/10)

R Voice of Ethiopian Unity (tent) on 9430 24/9 1830 in unID lang & Eaf-type mx to 2010*a; F sig, but weaker than TWR Monaco also on 9430 in RM until 1830*; RVEU apparently on before 1830, but nothing hrd on 11180. 9430 hrd 28/9 from *1800 in locl Eth langs to 2003*; F sig but //11180 barely audible; lang sounds somewhat like Korean, which is confusing, but mx is typical Ethiop or Somali (Ernie Behr, Manitoaba)

Monitoring 9-13 Sept: Since 9/9, RVEU has carried pgms in Oromo and Tigrigna langs in addn to Amharic. Xmsns now 18-20 on 11180 & 9430: 18-1830 Tigrigna, 1830-19 Oromo, 19-20 Amharic. RVEU bcs on behalf of Eth People's Democratic Alliance and is hostile to the Eth govt in Addis Ababa. Xmtrs believed in Sudan. Ancs fqs 15789, 12000, 9677, 7142, 5000 kHz in the 19, 25, 31, 41, and 60 mbs but hrd only on 11180 & 9430 (WBI 18/9) Cf Sept LN-33 for my explanation of these imaginary fqs (gh) RVEU reported 15/9: VOA Amharic pgm recently said RVEU is run by EPDA and has no connexion w/VOA. RVEU does have no connexion w/VOA or any other stn. We assume VOA bc this msg to Ethiopia because it had rcvd numerous ltrs from its Eth listeners. Please be patient until we notify you of our P O Box number. Day before yesterday, renowned BBC said RVEU's campaign of exposing atrocious Eth regime has earned it support of a large audience and has alarmed Mengistu Haile Mariam's regime. RVEU expresses gratitude to BBC for morale-boosting support. RVEU is a free radio stn set up for Ethiopians, by Ethiopians, about Ethiopians. (WBI 25/9) W/a little help from CIA? (gh) Aerial bearings and use of 11180 indicate xmtrs may be in Sudan. First hrd 12/7

but gave inaug date as 8/7/87. Says pgms 'based on Eth equality and unity; the common interest of society based on individual rights and the current objective reality of Eth's political, economic and social situation including the prevailing oppression and crisis'. Describes EPDA as 'a forum where all groups will be based on freedom, equality, unity and justice, private ownership. There will be parliamentary democracy'. (WBI 25/9)

L V del Sahara Libre, 9640, 2200-2258* 14/7 vern, ID, march, nx, mx, 33433 (Harald Kuhl, W Germany, DSWCI SW News Aug)

V of Palestine, 9780, via R San'a, Yemen, AR nx 1600-1615, 44444 ('FA' [Frank A Baldwin, UK, supposed to be 'FAB'?], Sept DSWCI SW News)

V of Iranian Kurdistan Monitoring 14/9: stn supporting the Iranian Kurdish Democratic Party, hostile to the govt in Tehran, hrd 14/9 1330-1507 on 4200; in Kurdish 1330-1415, then Persian; pgm opened & closed w/Kurdish NA (WBI 18/9)

V of the Iranian Revolution (Seday-e Enghelab-e Iran), 09-1015 & 14-1515 in Kurdish, 1015-1045 & 1515-1545 in Farsi, all on 49, 65 and 75mbs (stn sked via HenningSandte, W Germany, Aug DSWCI SWN) 75m is on 3880v, 65m arnd 4460v, but where's it on 49m? (Mathias Kropf, DSWCI ed)

V of Mujahadeen / Mujahadeen-e Khalq anti-Khomeini pro-Rajavi stn, in Farsi from Iraqi facilities noted now on 7125, 5990, from arnd to 1600 to arnd 1900 variable under bubble jammers. 1431 and 1539 (tent) join in at 1700. No trace of them on previous well-known fgs 7110, 5960, but I find a bubble jammer arnd 3925, so they might be there. Pgming in segments varying from colourful slogans, fiery speeches, violent jingles to just sombre talk. Even tho WBI people have been reporting multiple channels even till 10/7 I dare to contradict them. 7125v has been their main channel replacing 7110, since June 87 and those days are gone when VOMEK swarmed the bands (Dr Supratik Sanatani, Calcutta, India)

V of Unity / R Muslim Mujahideen, 17540.1, from *1515 ID, Koran, Dari or Pushto talks, flute IS to 1610*; strong sig 20/9, but // 15685 & 12230 are always weak and jammed; addr: Postfach 2065, Hamburg 60, W Germany (Ernie Behr, Man)

Pulingulin Kural - The Voice of Tamil Eelam is back again at weekends with excellent reception on 7020. Also hrd in // on 6100 tho this fq not ancd. Addr given is P O Box 928, Adyar, Madras. Times are 0330-04, 1030-11, 1430-15. They carry same pgms at all the above timings (D Suresh Babu, Sept IDXC1 ADXR) No date given, but ltr rcvd at end of Sept (IDXC1 ed) Pulingulin [sic]Kural on 7020 is the Voice of the Tiger, the radio of the Liberation Tigers of Tamil Eelam--despite Indo-Sri Lankan peace accord, Tigers do not change spots, here 12/9 0230-0330v; moved up here from 7010 due to Islamabad violating hamband (Victor Goonetilleke, Sri Lanka, Oct ADXN)

Dateline Colombo! W/signing of Indo-SL peace accord, the Tamil clans went off the air. EPRLF went on for a couple of days to tell their supporters to back the accord and then bowed out. LTTE, however, appearin agin and again, usually Sat & Sun 0230-0330, 1030-1130 on 7010; since 6/9 7020 due Pak. Only in Tamil. LTTE is still using HF communications links and the use of VHF handhelds is very common in those areas, whereas in other parts of the country no such thing is permitted. Indian Peacekeepin force has been slowly getting the militants to hand over weapons. Still a large number of weapons and comms gear have not been turned in. Eventually these will come in too. Late flash: just obs both LTTE Pulingulin Kural and EPRLF stns on 7015 and 7005 in progress at t/in 1035. LTTE strong, EPRLF weak. 1050 some jamming, not govt type, started on LTTE xmsn. They moved to 7010 and finally on top of EPRLF. EPRLF off at 1100. LTTE off at 1114. For info of forn DXers. Since peace accord LTTE has been trying to wipe out other militant groups to be the sole militant group (Victor Goonetilleke, Sri Lanka, Aug-Sept UADX)

AIR Delhi reported 10/10: In SL, peacekeepin troops captured an illegal radio and TV xmtr owned by the LTTE in Jaffna. Offl spoxeman said in New Delhi that bcs from this xmtr were being used by LTTE for propaganda against India and the Indo-SL agmt. Spoxeman said bcs were also being used to incite violence amon Tamil groups in the northern and eastern provs... (WBI 16/10)

A couple of things I cannot help pointing out re Victor Goonetilleke's obs on AIR ES, Sept LN under India, reprint from May-July UADX--

It is amusing to note that a veteran DXer is conjuring up wild hypotheses in support of his fanatical political ideas. It is too much to accept that 4990 kHz with Tamil extl svc is coming from a facility w/the Tamil rebels in India. Last year I had been to Madras to dig into the VOTE radio scene and I know that their facility was so feeble that it could not properly reach Madras from down south! Ancr whom I had interviewed had never hrd her own voice in air. I am not a propaganda man for the AIR but what Victor has to say about them sounds like straight off the script of some cland stn-- "Disinformation, inaccuracies, brazen lies". Gosh, what language! Are we listening to the "V. of Disgruntled DXer"? Serious DXin does involve the knowledge of political backgrounds and reportin of stns require political commentary at times. But should we use the pages of DX bulletin to give vent to our political anguish? Perhaps not. (Dr Supratik Sanatani, Calcutta, 27/9) see SRI LANKA

V of the People of Burma Monitoring Aug-Sep: stn supporting Burma Communist Party, hrd bcng anti-govt and revly songs on 5110 at 1200 Mon 28/9. No stn s/on or openin anmt hrd in what appeared to be test xmsn. Neither was any explanation given for recent disappearance of stn, which'd been unhrd since 25/8. Xmsn ended at 1413. Per sked in effect until stn went off, there were no bcs on Mondays. VOPB hrd again 29/9 w/regular pgming on 5110 at 1200 (WBI 2/10)

V of National Salvation S Korea started to interrupt Sw fqs of VONS 4120, 4557, and Echo of the Masses 5885. First noted 14/8. 1053 MW of VONS has been jammed trditionally. Jammings are vy strong and effective to disturb listening to these anti S Korean stns. Each is estimated to have 200 kW at least. VONS has run away from 4120 since 15/9; and a jamming has run after VONS since that day. VONS and the jamming have played hide-and-seek arnd 4120-4160. 4557 has been stable with a jamming. EOM has varied within ± 0.5 kHz but has been covered by a jamming. Tho these stns have gone back to operate with winter time, the jammin have interfered persistently (Hiroyuki Hirao, Tetsuya Kondo, Akira Shibuta, Toru Yamashita, ABI East Asian DX News 18/10 via Kondo)

Spy Numbers Stn on 9958 is //6840 w/SP 4-digit nos by woman at *0230-0240*; both USB & vy strong; repeats only 2 groups, such as "1889 2096" for 10 mins ea day and time never varies; 14/9. Stn on 11532 USB at 2110-2150*v w/SP 4-digit nos by woman, closin w/"fin"; is same stn as 6802 at *0200-0248*v; 17/9 (Behr)

U R N G xmtr has drifted down to 9965v USB; hrd UTC 29/9 w/Sp numbers *0100-0128*, varyin up & down between 9965.0 and 9964.9; vy close to R Caimán & can only be detected in USB mode, inaudible in AM mode (Ernie Behr, Manitoba 1/10)

La Voz Popular Tele-Rebelde TV, Havana, 8/9 interviewed Guat Natl Revly Unity member Marco Tulio González on "Wide Angle" pgm: LV Popular bcs on Fris at 2015 Cuban time [0015 gmt] [Sat -gh]. We have hrd it in Cuba. We try to carry the voice of the people, who under current circumstances, need a means of revealing their opinion and situation, which has been glossed over by intl media. It is an accomplishment that has crystallised after much work. We bc primarily in Spanish. We hve tried to bc in Mam, one of the most widely spoken. We are considerin others, Quiche, (¿Tzutujil) which are vy generalised langs in the indigenous zones. Mam is spoken in west, several depts, largenumber of speakrs. Spanish links all the others. Stn is obviously in guerrilla zone in the mtns, and because there is much modern eqp that can detect it, preps have been made for its possible discovery. Eqp is mobile. Also prepared in the military ar- ea. We hope it'll be bcng for a long time. We have rcvd comms. Different fronts that are vy distant from each other hve expressed their pleasure with this. We have also rcvd congrats, comms indicating it has been hd beyond the border. Then a recordin of stn: "This is LV Popular. A voice that is born today; it's [sic] parents are our people. A revolutionary msg from the heart of our people in the mtns of the Sierra Madre in Guatemala. You can locate us on SW on number 7 [7 MHz] on your radio every Friday at 1815 [0015 gmt] [Sat -gh] (WBI 18/9) Monitoring 22 Aug - 19 Sep: LVP, sked Sats 0015-0045 on 6960, hrd bcng at this time 19/9; had not been traced since 22/8. (WBI 25/9)

R Venceremos Monitorin 4/10: this date, found on air w/"spl bc" from t/in at 1415 until 2003*. FMLN stn hrd on fq varying 6505-6850 and also on 3752 at 1415-1530 (WBI 9/10) RV, 6615, in SP arnd 1130, typical cland, slogans, etc (Sarath Weerakoon, Sri Lanka, UADX) Vy nice logging, longpath over Pac, also hrd here tnx tip (Victor Goonetilleke, SL, ibid) also 9940/9960 stns 0030-01

R Verdad and other Sal clands reviewed: R Cadena YSKL reported 18/8: During last few weeks, use of airwaves for political warfare has increased in El Salvador, following appearance of a new right-wing cland stn. In its first xmsns R Truth, voice of democracy and liberty, which claims to be being from somewhere in ES, has threatened the lives of Christian Demo govt leaders, trade unionists and more than one right-wing leader. R Verdad has also spoken out against ending the Sal civil war thru dialog, describing the FMLN guerrillas as a gang of murderers. New stn, which accuses the CD govt of corruption, says that talks betw govt authorities and the guerrillas will lead nowhere, and praises the armed forces' actions. RV has been on FM since end of July, with no political organisation claiming responsibility for its bcs. There are at least two other cland stns, Venceremos and Farabundo Marti, both belonging to the FMLN and being at least 3 SW pgms a day. Some months ago both stns were on FM, and per both stns, they do so from somewhere in El Sal. R Verdad, in contrast to the rebel clands, is not jammed, eitherw/noise or mx. Culture & Comms Minister Julio Adolfo Rey Prendes, the offl in charge of radio bcs, claims not to know about the new stn, giving assurances that it has no linx w/ present govt. Natl Union of Sal Workers [UNTS] feels new stn is part of govt and army plan to develop campaign of terror against the citizens. UNTS, the main group opposing the CD govt, claims that Coprefa and the Comms Ministry, together w/ the death squads, are behind R Verdad. In contrast to Eu and some Af countries, Sal clands came into being at beginning of 1980s when the civil war officially started, which to date has claimed more than 10 myrialives, mostly civilians. Traditionally, Sal clands have been linked to the guerrillas, such as the bcs begun in the 1980s; R Liberación and Venceremos started on 10/1/81, Farabundo Martí started on 22/1/82, and Guazapa started in 1983. Only Venceremos and F.M. currently operate on SW, xmtg from eastern and northern parts of country resp. Both stns xmit on 49mb, w/changin fq to avoid constant jamming and w/three basic types of msgs: info for guerrillas, info on developments of the revolution, and on ideology (WBI 28/8)

Monitoring Aug-Sep: Since 11/8, the new ultra-right cland R Verdad which bcs in SP to El Sal, obs on 107.MHz FM, thrice daily at 11, 23, 01 gmt. The 01 & 11 xmsns obs to be verbatim repeats of the 23. RV s/on w/amt "This is a new pgm of R Verdad, the voice of democracy and liberty, xmtg from somewhere in El Sal for the Sal people" (WBI 25/9) DPA nx agcy reported it bejan 25/7/87; bcs at above times are a sesquihour long (WBI 2/10)

L V del CID noted here on 6305 11/9 1026 ID as "R Camilo Cienfuegos de la Cadena Radial Cuba Independiente y Democrática" then 30 secs dead air, then off 1027*. I checked them a few times to abt 1100, but never came back on this fq (William Westenhaver, Montreal PQ) Probably tuning up to 9940 (gh) Monitorin Aug-Sep: Since mid-Aug currently three stns carryin Voz del CID pgms in SP; bcs are hostile to Fidel Castro and the Cuban govt and are carried under different names: R Camilo Cienfuegos, apparent key stn, 12-0705 9940, 0725-1145 on 6305. R Antonio Maceo, apx 11-23 on 11635. 11700 xmtr of R Clarín, Sto Domingo, DR, carries CID under name of R Máximo Gómez; interspersed w/R Clarín DS pgms, 11-02. CID pgms often ancd as beamed "for Cuba and the world" and consist of nx and entertainment (WBI 25/9) Hrd since Oct 1981, initially via R Clarín. R Camilo Cienfuegos has on occasions, relayed pgms in Dutch and Sranan Tongo from R Free Surinam operated by Council for the Libn of Surinam. Alt fqs of RCC and RAM include 11680 and 7380 (WBI 2/10) June issue of CID paper still shows R Frank Pais on 7380, long inactive. Before leaving Florida, I made a point of dropping in CID Miami office, 10020 SW 37 Terr. Residential district, house number not visible; long house w/ants on top-vertical, probably not for SWBC, fence tall and gate locked, TV cameras monitoring exterior. Not invited in, but talked w/Félix Toledo, and Isis, air personalities. He revealed he was operatr busted years ago by FCC; claims all opns now from Carib sites, some of them without offl knowledge of host country, thus sites cannot be revealed, exc. Clarín. Admitted stn is 'subversive' vis-à-vis Cuban govt. Said Surinam pgm not currently carried because CLS was not providing tapes. Said no special tech arrangements made for them & off-beam sig in Surinam may not have been adequate (contrary to monitoring obs of xmtr break/beamswitch before & after Sur bcs) (gh)

R Halgan sent QSL for 17/7 reception at 1659-1754 on 9590, v/s A. A. Sed; "Broadcastin over the transmitters of Voice of" was followed by different type-writer insertion as if somethng deleted: "Somali Opposition Mov'ts" ('HKU' DSWCI)

INDONESIA RRI Medan, 3374.8 strong 12/9 1333, 200 Hz het w/AIR Gauhati, 433 (Victor Goonetilleke, Sri Lanka, Oct DSWCI SWN)

INTERNATIONAL WATERS R Caroline rptd testing on SW now on 9950 or 9940, the latter noted in Blackpool by Anoraks UK, tho reports suggest eventual fq may well be the old RNI 6205. Circula from Johan Maasbach, Dutch evangelist who has been w/offshore stns since the days of R North Sea shows coverage map for a new stn, WMR, World Mission Radio, P O Box 346, Corona CA 91719 USA, to bc to Eu from new 10 KW xmtr which on the map is beaming out of the North Sea, 6205, 24h; a shame since we all thought we'd be gettin R Caroline's mx svc (Ken Baird, SWN)

IRELAND Latest stn is R Rainbow, nothing to do w/popula SW hobby stn of same name; set up studio right next to Boynesides border relay/opt out. The ants are about 30 feet apart! Fq is 1152 plus strong 2nd & 3rd harmonics 2304 & 3456. Addr is simply Rainbow Radio, Carrickarnon, Co Louth. Actually is called Rainbow Radio to avoid possible confusion with Radio Rainbow, the Sunday only stn on 6240 and 1521, FM. New stn set up by popular local character BIG O, and other ex Boyneside/Carousel staff. KLH Community R, in Newbridge, Co Kildare has been noted recently w/good sigs on 1224 and 2448 (Ken Baird, Oct DSWCI) Big M Comm., daily 0051-0138 EG pops, anmts, IDs, ads on harmonic 2826, SINFO 33443 (Martin Hilbig, FRG, Oct DSWCI SWN)

ITALY AWR seems to have adjusted to 7110 (Noel Green, UKOGBANI, Oct DSWCI)

MOZAMBIQUE Em Prov de Sofala, Beira, new 3280.1 at 1816 vern, Af pop mx, short anmt; alt to 9667 kHz, 34333 (Mikhail P Timofeyev, USSR, Oct DSWCI SWN)

NORWAY Ukesenderen, Trondheim, will be on air 23/10 to 15/11/87, this year on MW, FM and SW. FM will be 24h, MW and SW undecided but possibly also 24h. Xmtrs are built by students, and since no MW and SW in 1985, new xmtrs built for 1485 kHz, 100 watts or 1 kW; 7225 kHz w/1 kW. FM on 99.1 or 99.5, 400 or 100 watts. Reports welcome to: UKA 87, Elgesetrgt. 1, N-7030 Trondheim, Norway. Phone 51 40 38 (Oct DSWCI SWN) Watch 7225--and remember vy far north!

PARAGUAY R Encarnación now on 11944.7 or thereabouts, varies slightly. S/off 0300 since 1/10, when Pgy moved to DST of UTC-3 (Tony Jones Paraguay, 19/10)

PERU R Ancash, 4991.1, QSL ltr from v/s Armando Moreno Romero, Gerente General who is 54, lives in Lima, for 24/5/87 report. Stn IDs as "LV de los Andes". Phones in Huaraz: 721359, 721381, 721105. Addr: Esy. [sic--Esq.?] Av. Raymondi y Cajamarca - Altos, CP210. Office in Lima; Av 28 de Julio 763. Phones 232616, 321342 and 488395 (Pierre Theze, France, Oct DSWCI SWN) R Moyobamba, 5015.4, worked overtime 29/8, hrd 0340-0515 w/women's BKB highschool game, ivs w/players and pectators (Estación C 6323.5 covered same game). Also 6/9 sports arnd 0400. Vy hard to hear in Sweden on regular sked due Russian stns but quite satisfactory on 'overtime' (Henry Bergstrom, Oct DSWCI SWN) Estación C, on 6323.5, v/1 and long Spanish ltr for report in SP & US\$1 in 31 days. V/s Riquelmer (Ricky) Centurión Tapia calls himself "Jefe de Relaciones Públicas y Dpto de Producción" and his brother seems to be stn owner. Ricky says in past a secretary, since sacked, took all the ltrs from forn listeners and never answered one of them. He promises to answer all future ltrs. Power 500 W but now as of 5/9 increased to 800. Also have FM "Doble [sic] Nueve" on 99.9. Addr I used was: Jr. Cnel. Secada 160, Moyobamba, San Martín but ltrhead has another: Estudios y Oficinas, Jr. A. de Alvarado 791, Moyobamba--maybe that's an old one? By the way, be careful when writing to Ricky. He seems to think all forn listeners are millionaires: he asked me to send him \$100 to \$500, hi! (Harald Kuhl, Oct DSWCI SW News)

U K O G B A N I (?) Weekend Music Radio hrd w/short pgms a few Sundays lately, 16/8 on 6310, 30/8, 20/9, 27/9 on 6285. Stn plans conduct tests to NAM and beyond at 05-08, maybe as early as 0200, on either 6290 or 6240, dates 1/11, 15/11, 13/7 [sic], 27/12/87. Addr of this hard to [get a] reply [from] stn's 42 Arran Close, Cambridge, England (Ken Baird, Oct DSWCI SW News)

UNIDENTIFIED 15360 UTC 28/9 0400 As lang & mx, 0430 AR anmt & Koran -0441*(Behr)

DX LISTENING DIGEST #17 now available from gh for \$2 in NAM, mostly ENJOYING RADIO!

QSL REPORT

Sam Barto, 47 Prospect Place, Bristol, CT 06010 USA

ASIATIC RUSSIA: Radio Moscow 12050 f/d "Lenin Library" cd. in 51 ds. w/ schedule. (Evans -TN).

AUSTRALIA: VL8T 2325 Tennant Creek f/d ltr. in 40 ds. for 2 IRCs. v/s Karen Kane, Broadcast Production Officer. (Davis-NM). VL8K 2485 Katherine f/d ltr. in 28 ds. for 2 IRCs. (Davis). VL8A 2310 f/d ltr. in 22 ds. (Paszkie-wicz-WI). Radio Australia 15160 via Shepparton f/d "Regent Bowerbird" cd. in 13 ds. (Weiss-OH).

AZERBAIJAN SSR: Radio Moscow 15500 via Baku f/d cd. in 23 ds. (Schulze).

BANGLADESH: Radio Bangladesh 15525 f/d ltr. in 105 ds. after a f/up rpt. v/s Kazi Rafique. (Paszkie-wicz). f/d ltr. w/ n/d "Tiger" cd. in 83 ds. for ms. (Archer-NC).

BOTSWANA: Radio Botswana 4820 f/d "Twenty Years of Progress" cd. in 21 ds. after a f/up rpt. w/ ms. (Stephens-AL).

BRASIL: Radio Guaiba 6000 p/d plain green "Logo" cd. in 24 ds. for a PT rpt. and ms. Post cards were also rcvd. v/s Carlos Alberto Ribeiro, Director. (Buer-FL).

BURKINA FASO: Radio TV Burkina 4815 f/d ltr. in 123 ds. for a FR rpt. and ms. (Stephens).

CAMEROON: Radio Cameroon 4795 via Douala f/d prepared cd. in 41 ds. for a FR rpt. and a contribution to CATHCA. v/s James Achanyi Fontem. (D'Angelo-PA). 4850 via Yaounde f/d prepared cd. in 41 ds. for a FR rpt. (D'Angelo). 5010 via Garoua f/d prepared cd. in 41 ds. for ms. (D'Angelo). Radio Yaounde 9745 f/d ltr. in 1013 ds. for an EG rpt. and contribution. (Eckert-PA).

CANADA: CHNX 6130 f/d "Montage" cd. in 74 ds. for ms. v/s Kurt Arsenault, Chief Engineer. (Weiss). f/d "Ocean Playground" cd. in 32 ds. for ms. (Wilkins-CO).

CHINA, PEOPLES REP. OF: Heilonjiang PBS 5950 f/d cd. via Beijing in 20 ds. (Wilkins).

CLANDESTINE: Radio Truth 5015 f/d prepared cd. w/ ltr. in 77 ds. after a f/up rpt. for ms. and an SASE. v/s J. Brown. Addr: Mr. Maxwell Thomas, P.O. Box 996, Vienna, VA. 22180.

* Reply came direct from the UK. (D'Angelo-PA). Radio Caiman/La Voz del CID (?) 9960 sent rpt. of Caiman to LVDC address and rcvd. CID cd. back w/ freq. of 9960 on the cd. Is Caiman part of the CID network??? (Field-MI).

COLOMBIA: La Voz de Marandua 5940 n/d personal ltr. in 3 mo. for a SP rpt. sent to the * CARACOL network address. Stickers rcvd. v/s Yamid Amat, Director. (Field).

COSTA RICA: Radio Lira 15460 f/d cd. in 5 mo. for 2 IRCs. (Renfrew-NY).

CZECHOSLOVAKIA: Radio Prague 7345 f/d cd. in 1 mo. w/ goodies! (Wallace-MA).

ECUADOR: HCJB 17790 f/d "50th Anniversary of the Swedish Section" cd. in 2 mo. for US ms. v/s Sonja Persson. (Wallace). La Voz del Upano 5040 printed aerogramme in 59 ds. for 2 IRCs. v/s Luis A. Rivadeneira R., Director. (Onley). Radio Jesus del Gran Poder 5050 folder cd. in 49 ds. w/ a silver coin. v/s P. Jorge Enriquez. (Onley).

NASWA QSL COLUMN REPORT FORMS ARE AVAILABLE FROM YOUR EDITOR FOR AN SASE...Sam.

NEWSPAPER: Radio Juan XXIII 3000 f/d cd. in 2 mo. for 2 IRCs. v/s Luis A. Rivadeneira R., Director. (Onley). Radio Jesus del Gran Poder 5050 folder cd. in 49 ds. w/ a silver coin. v/s P. Jorge Enriquez. (Onley).

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WEST GERMANY: Radio Caiman/La Voz del CID (?) 9960 sent rpt. of Caiman to LVDC address and rcvd. CID cd. back w/ freq. of 9960 on the cd. Is Caiman part of the CID network??? (Field-MI).

YUGOSLAVIA: Radio Lira 15460 f/d cd. in 5 mo. for 2 IRCs. (Renfrew-NY).

ZAMBIA: Radio Caiman/La Voz del CID (?) 9960 sent rpt. of Caiman to LVDC address and rcvd. CID cd. back w/ freq. of 9960 on the cd. Is Caiman part of the CID network??? (Field-MI).

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ASIA: Radio Caiman/La Voz del CID (?) 9960 sent rpt. of Caiman to LVDC address and rcvd. CID cd. back w/ freq. of 9960 on the cd. Is Caiman part of the CID network??? (Field-MI).

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Radio Jordan
P.O. Box 444 Amman

Neilson H George
5906 Lakeridge Drive
Fayetteville, NC 28304

UNITED STATES OF AMERICA
We have the pleasure to confirm your reception report dated 6 Dec 1985 on the frequency of 9530 KHz. at 20.13-20.50 GMT. The programme details mentioned in your report have been checked and found correct. Thank you for listening to our transmission, and best regards from Radio Jordan in Amman.

THANK YOU

Date 29 January 1986

Faithfully,

Director

THE FALKLAND ISLANDS BROADCASTING STATION

We are pleased to verify your reports of reception



on 12th August 81

on 29-28-81

12.00-11.25 GMT

2370 kHz 3950 kHz 761 MHz FM

Broadcast Secretary

RADIO JUAN XXIII BOLIVIA

WE CONFIRM YOUR RECEPTION OF RADIO JUAN XXIII


FREQUENCY: 4 9 6 5 Kc **POWER:** 3 0 0 0 W


DATE: 11-ABEIL-85 **UTC:**

ANTENNA: D I P O L

YOUR REPORT IS CORRECT. THANKS FOR YOUR IMPORTANT INFORMATION. CONGRATULATIONS AND GREETINGS.

SAN IGNACIO DE VELASCO.....


DIRECTOR





STATION PENNANTS OF THE WORLD

We left this ad out last month because we sold out! But we are back. The following sections have been revised and are for sale at the quoted prices:

Section	US/Canada	Overseas
South America	\$10.00	\$12.00
North America	\$ 3.00	\$ 3.50
Caribbean	\$ 3.00	\$ 3.50
Africa	\$ 4.00	\$ 4.50
Asia	\$ 6.00	\$ 6.50
Europe	\$ 6.00	\$ 6.50
Eastern Europe	\$ 5.00	\$ 5.50
Near/Middle East	\$ 4.00	\$ 4.50
Oceania	\$ 3.00	\$ 3.50
Central America	\$ 3.00	\$ 3.50
	\$47.00	\$53.50

If you order the entire package your price is only \$ 35.00! Overseas \$40.00! For those of you who ordered the first four sections for \$20.00, the remaining six sections are only \$15.00! If you are not satisfied with this publication, I will refund entirely.

Send orders to your FRENDS
QSL Editor...Sam.

- EUROPEAN RUSSIA:** Radio Moscow 15220 via Moscow f/d cd. in 57 ds. (Paszkiewicz). 9730 via Tula f/d cd. in 86 ds. (Schulze).
- GABON:** Africa # One 4830 p/d white, green and yellow "Logo" cd. in 63 ds. for a FR rpt. and ms. (Stephens). 15475 same cd. in 2 yrs. (Stephens).
- GREECE:** Radio Station Makedonia 11595 f/d "Olympia" cd. in 1 mo. w/ travel brochure on Macedonia. All for 2 IRCs. (Wallace).
- GRENADA:** Radio Free Grenada 15045 f/d prepared cd. for 81 reception in 1 mo. for US \$1.00 * v/s Allan Palmer, Chief Engineer. (Wilkins).
- GUATEMALA:** Radio Mam 4825 p/d ltr. in 52 ds. for a taped rpt. and ms. v/s Jose Benito Escalante Ramos, Director. (Stephens-AL).
- IRELAND:** Radio Dublin International 6910 f/d form ltr. w/ cd. and sticker and personal ltr. in 10 mo. for 3 IRCs. (Weber-OH).
- KIRIBATI:** Radio Kiribati 14802 f/d "Abair- aranga Islet National Scout Camp" cd. in 54 ds. for 2 IRCs. v/s Mrs. T. Paeniu. (Archer-NC).
- LAOS:** Lao National Radio 7383 via Savann- * akhet f/d "Logo" cd. in 12 wks. for a Vietnamese rpt. (Orcutt-CA).
- LATVIAN SSR:** Latvijas Radio 5935 via Riga f/d cd. in 7 mo. (Field).
- LIBERIA:** VOA 15445 p/d ltr. in 92 ds. for * a rpt. direct to the site. v/s William A. Colt, Plant Supervisor. He also sent a VOA sticker. (Stephens).
- MEXICO:** Radio Universidad de Mexico 9600 f/d ltr. w/ transmitter photo in 29 ds. after a f/up rpt. for a taped rpt. and ms. v/s Eusebio Mejia Maldonado, Subdirector de Operaciones. (Stephens) Radio Mexico International 9705 f/d cd. w/ bookmark and schedule in 122 ds. for ms. and a SP rpt. v/s Beatriz Villa Medina Garcia, Gerente. (Archer).
- MONGOLIA:** Radio Ulan Bator 12015 f/d cd. in 5 1/2 mo. w/ pennant and schedule. (Eckert-PA).
- OMAN:** Radio Oman 9735 f/d "Date Palm" cd. in 15 ds. after a f/up rpt. and ms. v/s Rashid Haroon. (Lare-MI).
- PAKISTAN:** Radio Pakistan 4780 p/d cd. in 4 mo. for ms. (Lare-MI).
- PAPUA NEW GUINEA:** Radio East Sepik cd. in 33 ds. for 2 IRCs. (Onley).
- PERU:** Radio San Martin 4810 cd. w/ pennant in 109 ds. for a SP rpt. and 2 IRC v/s Jose Roberto Chong, Gerente General. (Onley-AUSTRALIA).

RADIO REPUBLIK INDONESIA

STASIUN JAMBI

JALAN JEND. A. YAHYI ILMUHAMPUJA
TELEP. 22792 21894 21881 21882

J a m b i 15 Oktober 1986.

K e p a d a,

Itu Sdr. Richard B Davis
117 Colorado Drive
Portales New Mexico 88130.
USA.

Dengan hormat,

Deteloh kami meneliti judul siaran kami
Tanggal 23 September dan 2 Oktober 1986, maka kami ke-
pala Stasiun RRI Jambi Indonesia menanyakan apa yang
Sdr dengar melalui pesawat radio tentang Stasiun RRI
Jambi pada :

Gelombang : 60.89 meter.
Frekuensi : 4927 KHz.
Jam : 21.10 - 22.22 WIB.

Atas keribahan Sdr dapat wendangkan Stasiun RRI
Jambi Indonesia, kami sangat mengucapkan terima kasih.





FRIENDX LOG REPORTERS

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

CONTRIBUTORS LIST **** NOVEMBER 1987 ISSUE **** DEADLINE = 12th OF MONTH

Brian ALEXANDER, Mechanicsburg, PA; Kirk ALLEN, Newkirk, OK. (NRD-515); Raymond BAUERNHUBER, Rosedale, NY. (ICF2010); Paul BUER, Miami, FL. (SPR-4); Allan COURTNEY, Lexington, KY. (R5000/R392/ICF5900W); Richard D'ANGELO, Wyomissing, PA. (R70); Peter DILLON, Greece. (DX400); Marlin FIELD, Hillsdale, MI. (SPR-4); Ulises FLEMING, Odenton, MD. (TS440S); Michael HAWK, Hampton, VA. (ICF6800W/GE World Monitor II); GERALYN HOLLERMAN, Huntsville, AL. (DX302/DX65); Jack JONES, Jackson, MS; Rufus JORDAN, Pittsburg, PA. (DX302/Zenith Transoceanic); Ken KASHIWABARA, Panorama City, CA. (ICF2010/RF2800); Kevin KLEIN, Appleton, WI. (R71A/ICF2002); Alan LAVES, Dallas, TX. (R390A); Richard LEMKE, St. Alberta, Alta. Canada.; Frank ORCUTT, Alameda, CA. (R390A/R70/SP400X/HQ140X/HRO5TH1); Sheryl PASZKIEWICZ, Manitowoc, MI. (NRD-515); Gene PEARSON, Perrysburg, OH. (NRD-525); Wally RHYNE, Gastonia, NC. (R71A/R1000); Charles RIPPEL, Virginia Beach, VA. (NRD-525/IC751); Daniel SAMPSON, Black River Falls, WI. (R1000/DX400); Roland SCHULZE, Stuttgart, W. Germany (R5000/R4C/SPR-4/R70A); Jim STREITMATTER, South Bend, IN. (RF-B300); David SWARINGEN, Huntersville, NC. (R70/RF2200); John TUCHSCHERER, Neenah, WI. (R70/FRG7700/R1000); Philip WORDB, Austin, TX. (R5000).....

There we have it my friends, another month is gone, the cooler weather is now moving in on the Northeast rapidly which in turn brings about some better DX on the lower frequencies and also means that the old wood stove is also in need of feeding during the evening hours hihi.

Contributor Kevin Klein asks a reasonable question this month, "What has become of Roger Legge's USSR HF Newsletter? or the man himself?" Can anyone out there provide Kevin with an answer to that one ??

I would like to take the time to say THANKS !! to the contributors who are taking the time to not only cut their loggings into useable strips, but are sorting them in LOG Order as well. You don't know how much easier it is on me and I find that those loggings are more easily read and therefore easier for the editors to use as well. If you are proud enough of what you are submitting then why not take that little extra time to make sure your loggings are readable and more useable.

From time to time, and I have mentioned this before, the USPS Grinder gets ahold of my mail prior to its arrival here and I usually end up with a plastic bag with a note of apology from the USPS Service Center. Would it help to make a Complaint, of course not, we all know how the USPS is run. Anyhow, my point this month is not the USPS. Some Contributors stuff those envelopes so full that there is no machine in the world that can pass them through without doing damage. However, when these events occur, I do my best to find some means of IDing the Contributor who mail has met this fate, and I credit them in my column. So in answer to several queries now, instead of a personal reply, those of you who have seen your names listed here, but have not seen your logs in the LOG REPORT SECTIONS, have a good idea what happened once you posted that envelope to me and prior to its arrival here.

With that settled for this time around, I shall bow out gracefully, go take my Cold Medicine and see if I can get some sleep, the first cold of the season is always a beauty hihi. Take Care, Keep Warm, and most of all, Keep those radios heated up and the loggings rolling this way.

*Best Regards
John*



LOG REPORT

section A

2000 to 4899 kHz

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

Welcome. A fine selection of Peruvian and Papua New Guinea stations this month. To help save my fingers for next month, Papua New Guinea will be listed as PNG!! Now onto it.....

- 2310 AUSTRALIA. VL8A. 1054. EE. Peaking at sunrise. Pgm of US pops. (27/9 Rippel-VA)
 2325 AUSTRALIA. VL8T. 1055. EE. Not as good as 2310. // pgm. (27/9 Rippel-VA)
 2360 GUATEMALA. Maya de Barilles. Weak with OM. (4/10 Worob-TX)
 2540 DOMINICAN REP. RTVD. 0410. Various LA music, ID. (25/9 Fleming)
 3205 INDIA. AIR Lucknow. 1715. OM/YL talk, S/off @ 1740. (14/9 Schulze-FRG)
 3210 NICARAGUE. RR. 1740-1750. "Radio Journal" pgm. (6/9 Schulze-FRG)
 3225 VENEZUELA. R. Occidente. 0110-0130. Two OM's in lively talk. (27/9 Jordan-PA)
 3250 HONDURAS. R. Luz y Vida. 0316. Talk with loud ID. (3/10 Worob-TX)
 3260 ECUADOR. LV del Rio Carrizal. 0305-0335. Nice mx variety and ID's. (25/9 Tuchscherer-)
 PNG. R. Mandang. 1115. Uninterrupted talks in pidgin by OM. (10/9 Rippel-VA)
 3280 ECUADOR. LV del Napo. 0154-0200. Lively dialogue exchange. (27/9 Jordan-PA)
 3285 BELIZE. RB. 1100. OM with EE ID, and Morning Prayer. (7/9 Laves-TX)
 3315 PNG. R. Manus. 1100. Island mx then talks at top of the hour. (10/9 Rippel-VA)
 3325 BRAZIL. R. Liberal. 0340-0358. Pops and fast talking DJ with ID. (9/9 D'Angelo-PA)
 3330 PERU. R. Ondas del Huallaga. 1037-1050. Good signal w/some CHU QRM. ID @ 1038 with talk and music following. (29/9 Allen-OK)
 3335 PNG. R. East Sepik. 1055. No strain copy with island mx and OM anncr. (10/9 Rippel-VA)
 3340 PERU. R. Altura. 0435-0450. Latin music, "Happy Birthday" song. (4/10 Swaringen-NC); (3/10 Worob-TX); (20/9 D'Angelo-PA)
 3360 GUATEMALA. LV de Nahuala. 1137. Some ID's, many ment's of Nahuala. (4/10 Worob-TX); @ 0139 w/ nice pops, chatty talk. (27/9 Jordan-PA)
 3370 GUATEMALA. R. Tezulutlan. 0132-0205. Religious pgm, exotic music. (22/9 Jordan-PA)
 3375 ANGOLA. RN. 0421. YL with MX, mentions of Luanda. (3/10 Worob-TX)
 3385 PNG. R. East New Britain. 1045. Island mx with brief OM talk. (10/9 Rippel-VA)
 3904 SUMATRA. RRI Banda Aceh. 1719-1756. Pop music, ID, Love Bomb, S/off. (26/9 Schulze-FRG)
 3905 TIC. R. New Ireland. 1050. Talk by OM with lots of ARO QRM. (10/9 Rippel-VA)
 4039 PERU. R. Marginal. 0322-0326. Closing annts and long version of NA. (21/9 Tuchscherer)
 4459 PERU. R. Noa Andina. 0307-0331. LA songs, some Huaynos, good several nites after 0300. (24/9 Tuchscherer)
 4495 PERU. R. Contumaza. 1029-1110. Folk/Campo music, ID's, promos, echos. (22/9 Allen-OK); @ 1020 w/ ID and echo effects. (24/9 Jones-MS)
 4760 SWAZILAND. TWR. 0357. EE ID's along with music. (14/9 Rhyno-NC)
 4770 NIGERIA. RN. 0430. Drum IS, S/on annts and into recitations. (7/9 Alexander-PA)
 4775 PERU. R. Tarma. 0349-0404. Ballads. ID's @ 0401. (25/9 Tuchscherer)
 4785 AZERBAIJAN SSR/USSR. R. Baku. 1730-1801. Vern. World news, mid-east style mx, talk by YL, into Russian @ 1800. (1/9 Dillon-GREECE)—hope your having a nice holiday!!
 4790 PAKISTAN. Azad Kashmir. 1755-1803. Relay of RP with ID, news, Koran. (27/8 Schulze-FRG)
 PERU. R. Atlantida. 0319-0327. TC, vocals. (13/9 Washiwara-CA)—a little light on the details this month Ken!!-MH.
 4795 BOLIVIA. R. Nueva America. 1026. Talks in Indian lang. ID in SS. (25/9 Jones-MS)
 ECUADOR. LV de los Caras. 0040-0132. Music and talks, ID and into lite mx. (24/9 Jordan-PA)
 4800 GUATEMALA. R. Buenas Nuevas. 0034-0105. Opening w/religious instrumental mx, ID @ 0036 "Esta es Radio Buenas Nuevas, TGM!, en San Sebastian Huehuetenango, Guatemala, Centro America...4800 kilos en la banda de 60 metros". (20/9 Allen-OK)—GREAT DETAIL!!!!!!
 Also @ 1151 with religious pgm. (26/9 Jones-MS)
 LESOTHO. RL. 0435. Music show and address given. (27/9 Rhyno-NC)
 4810 PERU. R. San Martin. 0315. Music pgm, complete ID. (3/10 Field-MI); @ 0452-0540 w/ EE rock tunes, ID's. LA vocals. (27/9 D'Angelo-PA); @ 0948 w/typical AM pgm pf Peruvian mx, vocals. (21/9 Jones-MS)
 ARMENIAN SSR/USSR. R. Yerevan. 1610-1640. Armenian. Classical violin mx, OM with news at 1630 and mention of Yerevan, then into jazz piano mx. (2/9 Dillon-GREECE)
 4814 PAKISTAN. PBC Karachi. 1632-1702. Local music with ID's, @ 1700 Koran. (26/9 Schulze-FRG)
 4815 BURUNDI-PASO. RTVB. Drama programme. (4/10 Rippel-VA)
 4825 BRAZIL. R. Ed. Braganca. 0107-0201. Very strong w/LA songs, ID @ 0153. (26/9 Tuchscherer)
 TURKMEN SSR/USSR. R. Ashkhabad. 1640-1700. Turkmen. Pop music, local style music with OM anncr. (2/9 Dillon-GREECE)
 4830 VENEZUELA. R. Tachira. 0253. LA vocals, OM anncr, ID's. (24/9 Simpson-WI)
 4835 GUATEMALA. R. Tezulutlan. 1105-1120. Instrumental mx, talk, ID. (16/9 D'Angelo-PA)
 MALI. RTVM. 2310-0000. Dramatic reading in FF, then radio drama, ID. (2/10 Jordan)

- 4840 VENEZUELA. R. Valera. 0808-0820. ID, non-descript vocals. (26/9 Kashiwabara-CA); (30/9 Field-HI)
- 4845 BOLIVIA. R. Fides. 0856-0905. Open carrier, S/on anmt by YL @ 0858, then rustic Instrumental mx. (24/9 Orcutt-CA)
- 4851 ECUADOR. R. Luz y Vida. 1123. Religious pgm's, ID. (2/10 Jones-MS)
- 4860 INDIA. AIR Delhi. 1623-1739. Indian music, EE ID. (8/9 Schulse-FRG)
- 4870 BENIN. ORTB Cotonou. 2206-2302. FF. Music pgm, hilife vocals, ended w/ EE vocals "When a man loves a woman", 2300 S/off anmts ID and NA. (23/9 D'Angelo-PA); @ 0500-0545 w/ group vocals, native choral music. (30/8 Jordan-PA)
- 4885 ARGENTINA. Radio Rivadavia. 0020-0030. Futbol game w/frantic OM anncr and some commercials, Pips and rolling ID on 1/2 hour. (10/9 Rippel-VA)
- PERU. R. Huancavelica. 1105. L-o-n-g string of ad's (12 of them), jingles, fast ID after commercials. (30/9 Jones-MS); @ 0435-0519 w/ low keyed anncr. (24/9 Kashiwabara-CA); @ 0408-0434 w/ Huaynos and other OA music. (24/9 Tuchscherer)
- 4890 BANGLADESH. RB. 1530. EE ID and news following commentary by YL. (26/9 Schulse-FRG)
- ECUADOR. R. Centinela del Sur. 0138-0200. Formal pgm w/ talk, Andean flute mx, and upbeat pops. (24/9 Jordan-PA)
- GABON. R. France. 0440-0500. EE. News from RFI on Angola //9800. (4/10 Swaringen-NC)
- PNG. NBC Port Moresby. 1030. EE news then into US pops, loud enough to be heard on my Sony ICF-2010 with antenna folded down!! (3/10 Rippel-VA)
- PERU. R. Diff. Huanta. 0916. ID @ 0919 into piano mx, audio louder than PNG. (16/9 Allen-OK) @ 0155-0211 with talk by OM, ID @ 0204. (27/9 Tuchscherer)
- 4895 PERU. R. Chanchamayo. 1050-1112. Brief "El Condor Pasa" NA then mx. (18/9 Allen-OK)

A special treat this month with all the Peruvians and PNG stations as well—thanks to Chuck Rippel for the exhaustive work on the PNG stations. Lets welcome some new reporters this month: Mr. Rhyne in NC, Mr. Simpson in WI, and "Gentleman Jack" Jones is back again as well. Hope all of you have a Happy Thanksgiving. CU in about 301111

NO COLLECT CALLS ON THESE ADS, PLEASE.

FOR SALE: Sony ICF-2001 including original carton and accessories, \$95.00. RCA Video Monitor for RTTY demodulation, etc., \$49.00. 1976 to 1987 WRTH, \$8.00 each. Eavesdropper SW antenna, excellent, \$46.00. "Radio Receiver-Chance or Choice," \$8.50. 1987 Ham Callbook, N.A. edition, \$9.50. You pay UPS shipping on all items. Jim Uerlings, 1437 Pacific Terrace, Klamath Falls, OR 97601. Phone (503) 884-7659 after 0130 GMT.

FOR SALE: R.L. Drake surge shunt "Transitrap," Model 1549. Used very little, \$15.00. General Electric Battery Charger for use with G.E. AA C, and D rechargeable batteries. Excellent condition, \$10.00. Sony ICF-110W portable FM/SW/MW receiver with AC and DC operation. Very good condition, \$30.00. Victor Barz, 8198 T-Drive North. Battle Creek, MI 49017. Phone (616) 965-4529 anytime.

FOR SALE: 1. NRD-515 with 4.7, 2.9, 2.2, 06 filters, NDH-518 memory unit and NRD external speaker, never used Grove Skywire and Min. Tuner 3, all in mint condition with manuals and boxes. Price \$1300.00. 2. Mint Drake SPR-4 with Drake MS4 external speaker and Autek QF-1 filter. This radio has all crystals for LW/MW/SW. Price \$400.00. 3. Very good condition Drake SPR-4 receiver with all crystals for LW/MW/SW and Autek QF-1 filter. Price \$325.00. 4. Datong FL-3 12-pole filter. Price \$90.00. 5. Complete set of Pop Com from first to last issue. Price \$75.00. 6. Complete FRENEX AND Speedx from 1978 to 1988. Price \$75.00. 7. ICOM GC-4 world clock. Price \$40.00. 8. Brand new Grove Power Antenna III. Price \$25.00. 9. Datong 370 Antenna. Price \$80.00. Prices include postage and insurance to your door. Steve Leite, 190 Healy Street, Fall River, MA 02723. Phone (617) 675-2830 from 2100 to 0100 UTC.

FOR SALE: AEA PAKRATT Model PK-232. Never used. Will sell for \$175.00, you pay shipping. Money order of cashiers check only, please. Mike Waylonis, 2403 Greengarden Road, Erie, PA 16502. Phone (814) 456-8318.

PRO-2004 MODS: 825.0-844.995 and 870.0-889.995 restored (\$10.00), inhibited (\$15.00). Prices for local Metro Washington, DC area. Add \$8.00 for non-local. One day service. Kraig Krist, 7213 Sipes Lane, Annandale, VA 22003. Phone (703) 750-6434.



LOG REPORTS

section B

4900 to 6199 kHz

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

- 4900 GUINEA Conakry, FR mx, nx, 2259-2324 9-24 (Hawk); 2342 9-13 with FR Afr vocals, brief anmts between, drums 2356, ID, s/off anmts by M&W, then orch.NA; poor (D'Angelo-PA).
- 4902 SRI LANKA Colombo, 1550-1630, seeming Sinhala, gal talking, ID, local mx, 9-26(Schulze-FRG).
- 4904.5 CHAL N'djamena, IS, NA, ID, mx, nx, 0455-0510 9-7 (Hawk); 1712 with AR nx 9-2, FRG). ID 1726, jammed (Dillon-GREECE); to 2300* 9-19, local mx, ID, kids chorus,NA(Alexander-PA).
- 4910 HONDURAS LV de la Mosquitia, 2345 9-13 in SP and vernac, talks, mx, ID, EG ID PA). at 0145 (Jordan); to 0304* 9-23, SP, relig.talks, vocals, EZL mx to s/off (D'Angelo-FA).
- 4911 PERU R. Tawantinsuyo, 1020 9-30 with talk by man in quechua-accented SF, ID included "Corazon del Pueblo," OA mx, fair sig during good S.Am opening (Jones-MS).
- 4915 COLOMBIA Armonias del Caqueta, *1001 9-8 w/s/on anmts, slow ballads; poor (Laves-TX).
- 4915 GHANA Accra, 1920-2000 9-22, vernacs, ID, man talking, Afr folk mx, EG 2000(Schulze-FRG).
- 4915 KENYA Nairobi, Swahili, Afr folk mx, ID, to 2008* 9-27, fair sig (Schulze-FRG).
- 4920 AUSTRALIA ABC-Brisbane, 2000 9-27 with time pips, nx (Schulze-FRG).
- 4920 ECUADOR H. Quito, SF 0202-0230 9-15, nx, HC mx, man anncr with PSAs (Fleming-MD); fair 0228 on 10-3, two men with SP talk, ID as R. Quito (worob-TX); intl.mx 0257 9-12, II (Schulze-FRG); 0513 10-8, alt.nx items by M&W, seeming PSAs, poor sig (Kashiwabara-CA).
- 4924 ICELAND ISEB-Reykjavik, in USB 1840-1930* in Icelandic, clas.mx, time pips, nx, 1930 s/off, hrd 9-21, -24 (Schulze-FRG). Anyone know anything about this? JE.
- 4930 HAITI AVER, 1117 on 10-4 with FR talk, piano; fading badly, so make it tentative (Worob-GEORGIAN SSR RM-Tbilisi, poor 1728 9-2, RM IS, ID, nx, clas.mx(Dillon-GREECE). TX).
- 4936 PERU R. Tropical, sports, ID, NA, to 04C4* 9-19, -26 (Schulze-FRG); to 0406* 9-13, Inca Cola ad, TCS, NA, poor (D'Angelo-PA); to 0403* with LA songs, ID 0356, NA (Tuchscherer).
- 4940 MARSHALL IS. WSZO, 0950 10-4, chorus, talk, s/off anmt in lang, EG, fair but not too readable (Laves-TX); tent. 1000* 10-4, Pac choral mx, tent.ID 0957; poor (Worob-TX).
- 4940 UKRAINIAN SSR Kiev HS in Ukrainian 1745 9-2, IS 1745, clas.mx, fair (Dillon-GREECE).
- 4945 COLOMBIA Caracol Neiva, ade 0406 9-15, "Resumen Nacl," even NYC Caracol rptcr (Fleming-MD); 0503 10-8, SF ID, local nx, ABC nx ID and theme in iG, poor (Kashiwabara-CA).
- 4969 VENEZUELA R. Rumbos, F-P 0250 10-2, LA mx, multi-anncr anmts, sports (Jordan).
- 4975 CLANDESTINE A Voz da Resistencia do Gale Negro, various eves arnd 0400, PT talk, hrd 10-6 w/no ute for a change (Field-MI); pres. w/talk, mx, noisy, 0445-0520 9-12(Alexander-COLOMBIA Ondas del Orteguaza, 2326 9-30 with echo effects, ID, TC, ballads FA). (Paskiewicz-WI); nx 0018 10-3, ID 0030 and into mx (Tuchscherer-WI); several AMS arnd 1045 with mx prgm, no ID but Caqueta in ads; unusual to be in clear, no ute (Field-MI); LA pops 1100 9-25, ID "Somos Odo" after ads, good sig, overcoming powerhouse ute, fair overall (Jones-MS); big formal ID, fair thru ute at peak, 1105 9-8 (Laves-TX); fair 10-4 at 1117 with LA mx, ID, mentions of Florencia (Worob-TX).
- 4975 PERU R. del Pacifico, fair at 0250 with ID and into hymns (Tuchscherer-WI).
- 4980 VENEZUELA Ecos del Torbes, 0134-0402* 9-11, ads, TC, nx prgm to 0205, then LA vocals, love songs to 0355 s/off routine and anthem (D'Angelo-FA).
- 4990 SOUTH AFRICA R. RSA, IS at 0422, EG/AK ID 0429, into AK talk, 9-14 (Courtney).
- 4991 PERU R. Ancash, OA vocals to 0317 9-22, vocals, romantic ballads, rock mx after 0335 ID (D'Angelo-FA); 0942 on 9-15, fair with ID and fays, CA mx, vocals, think this was right after s/on (Jones-MS); Andean mx 1020 10-4, TC, ID, believed IDed as "Amistad Intl," fair in noise (Laves-TX); 1037 on 10-4 with drums, LA mx, ID 1101 (Worob-TX).
- 4996 PERU R. Andina, 0311 9-1 with vocals, TC, anmts, ID, some WW QRM (Paskiewicz-WI); OA mx 0325 10-5, ID and TC 0429 (Field-MI); 1029 on 9-30 with lots of yipping vocals, ID, fays, good signal (Jones-MS).
- 5004 EQUATORIAL GUINEA Bata, *0510 9-13 with NA, opening anmts, into local mx(Alexander-PA).
- 5005 NEPAL Kathmandu, 1709-1715* 9-12, local mx, ID at s/off (Schulze-FRG).
- 5010 CAMEROUN Garoua, EG world mx 0500 9-15, Cameroun mx 0510 with gal anncr (Fleming-MD).
- 5010 SINGAPORE R. Singapore, 1540-1604* 9-13, EG nx, pips, NA, //5052 (Schulze-FRG).
- 5015 PERU R. Moyobamba, LA songs 0243 10-3, ID 0257, NA to close (Tuchscherer-WI).
- 5020 VENEZUELA R. Nacional, 0310 9-20, ID, fgy anmt, into YV music prgm, signal CK but modulation poor (D'Angelo-FA); 0020 on 9-20, poor with heavily distorted audio, much better on //11860, LA mx, ID, DJ chatter, talk by woman (Alexander-PA).
- 5025 CUBA R. Rebelde, SF mx prgm at 0435 on 9-13 (Hawk).
- 5031 PERU R. Los Andes, *1016 on 9-15, NA, ID, "Buenos Dias, Peru," huaynos, strongest OA in town tho a bit overmodulated (Jones-MS); Andean mx, mary ads, clear ID at 1056 on 10-4 (Laves-TX); very good 1103 10-4, talk, ID, ments.of Huamachuco (worob-TX).
- 5035 CENT.AFR.REP. Bangui, effusive ID 0445 9-5, vocal mx, Afro hi-life, ID 0500, drums, nx (Jordan); 2240 with continuous hi-life vocals, F2 lstrg instrumentals to ID and s/off anmts by M&W, including multi-lingual "good night," NA to 2259*, 9-7 (D'Angelo-FA).

- 5035 KAZAKH SSF Alma Ata, flute mx 1150 9-25, talks by gal, 9-25 (Rippel-VA); presumed nx in CH 1606 9-3, mx interlude, clas.mx, RM ID 1631; site per RDI; poor (Dillon-GREECE).
- 5040 GEORGIAN SSF Tent. Tbilisi, prob.nx 1631 9-3, clas.mx, no positive ID (Dillon-GREECE).
- 5046 INDONESIA RRI-Yogyakarta, surprising strength at 1215 9-25, local mx, an hour after sunrise (Rippel-VA); 1645 9-26, drama, gong mx, ID, RRI IS 1700 (Schulze-GFR).
- 5047 TOGO Lome, 2355-0004* 9-20, Afr mx, chimes 0000, NA to s/off; poor (Streitmatter).
- 5049 ECUADOR R.Jesus del Gran Poder, relig.talk 1015 10-4, relig.mx, nx promc 1111, fair with 5055 GRM (Laves-TX); sermon-like talk 1033 10-4, very strong (Worob-TX).
- 5052 SINGAPORE R.Singapore, 1553-1602* 9-8, EG ID, intl.mx, pips, ID, nx to s/off (Schulze-GFR).
- 5055 COSTA RICA TIFC, SF 0435, relig.prgm, soccer cmtry, 9-15 (Fleming). GFR).
- 5055 ECUADOR R. Catalica, briefly in the clear with prayers, ID, talk, 0115 10-3 (Tuchscherer-WI).
- 5057 ALBANIA Cjrokaster, 0435 9-18 w/polka-like mx, Flatters, steel gait, poor-fair WI. (Jordan); kids singing 1715 9-3, gal anncr, Alb folk mx, presumed nx 1731 (Dillon-GREECE).
- 5075 CHINA CPBS-2, SEA mx 1115 10-3, talk by man, no //s noted (Rippel-VA).
- 5090 PAKISTAN Islamabad in Urdu(?) 0105 9-5, nx, ID, //4980, pips 0149, nx (Schulze-GFR).
- 5125 W.GERMANY RL-Holzkirchen, nx 0324 9-20 (Tuchscherer-WI); bell IS 0455 10-4, "Radio Svoboda" ID hrd 0500, then nx; apparently RS (Swaringen-NC).
- 5286.5 CHAD R. Moundou, 0457 s/on with anthem, few anmts, into FR song, 10-2 (Tuchscherer-WI); 0457 anthem, kids chorus, anmts, ID, hi-life mx, good sig 9-15 (Paskiewicz-WI).
- 5618 PERU R. Iluacan, 0113 w/campo mx, ID 0118, NA 0205, 0209* carrier cut, 10-4 (Allen-OK).
- 5889 CLANDESTINE R. Liberacion, 0245 with pol.speeches, ID, mx, bad GRM (Jordan).
- 5915 ISRAEL Prgm.D, AR mx 1715, ID 1728, pips 1730, ID, world nx, VG 9-4 (Dillon-GREECE).
- 5929 CLANDESTINE C.Am 1157-1211 10-4, Liberacion & 15.Sept mentioned (Kashiwbara-CA). Believe
- 5940 USSR RM in Serbo-Croat 1735 9-4, world nx, pops, Serpukhov per RDI/ it's Liberacion MF.JD
- 5945 AUSTRIA Vienna, IS 1800 9-4, fair in GM (Dillon-GREECE). very good (Dillon-GREECE).
- 5955 UAE Abu Dhabi, AR mx 1628 9-7, ID by gal, drama, ID by man 1653, faded (Dillon-GREECE).
- 5965 BOLIVIA R.Nacl.Huanuni, 0958-1032 9-11, ID 1014, fgy, (nueva mundial) (Allen-OK).
- 5965 MALAYSIA KL, 1207 Malay 9-18, Islamic recitation, tones 1230, weak sig (Allen-OK).
- 5975 ENGLAND BEC in AR 1709 9-7, rpt on Libya-Chad war, ID as "Huna London," good (Dillon-GREECE).
- 5980 BRAZIL R. Guaruja, fair 0925, full ID w/fgy, address, cheerful OM DJ, 9-12 (Allen-K).
- 6000 AUSTRIA Vienna, EG 0449 9-16, pop rankings, ID, IS, RM GRM, poor overall (Jordan).
- 6015 BOLIVIA R.El Mundo, 1005 9-25 M&W anncr, uptown CP mx, TCs, nice ID following ad string, an urban operation, not pitched to the campesinos; fair sig (Jones-MS).
- 6015 IVORY COAST Abidjan, FR Afr mx 0606 9-20, relig.prgm, talk, //4940 (Streitmatter).
- 6016 NICARAGUA LV de Nicaragua, fair 1129 9-16 with ranchera mx, talk, fast ID (Jones-MS).
- 6025 DOM.REP. R.Amanecer, talks 0000 9-27, ID, EG requests for rpts (Jordan); poor at 0228 10-6, SP relig.mx (Kashiwbara-CA); 1136-1200 9-21, mx, fairly good (Field-NI); rel.mx and talk 2235 9-20, sev.IDs, also hrd 1230; L&B beat due to AFRIS-6030 (Alexander-PA).
- 6025 HUNGARY R. Kossuth prgm, M&W talking, some nx, extremely poor 0510 9-18 (Jordan).
- 6035 OMAN BBC-Masirah, intrvw w/AR doctor 1730 9-7, EG lessons, all AR, //5975 (Dillon-GREECE).
- 6035 AUSTRALIA RA 1306 9-27, ID, nx, weak, much GRM from other stations (Schulze-GFR).
- 6035 COLOMBIA LV de Guaviare, fair at 1029 9-21, mx, commercials, canned ID with fgy and call ltrs HJWA (Jones-MS).
- 6045 COLOMBIA R. Melodia, mariachi mx 0535 9-15, man anncr, IDs between songs (Fleming-MD); ranchera mx at 0652 9-12, IDs between songs (Alexander-PA).
- 6045 URUGUAY R. Libertad Sport, ID 0959, mercado ad, jingles, poor 9-20, soon lost (Allen-OK).
- 6050 ENGLAND BBC in Roumanian 1620 9-8, current events, BBC ID 1630, into Bulg (Dillon-GREECE).
- 6055 KUWAIT R.Kuwait, AR 1635 9-8, AR mx, talk, //9840, 9880 (Dillon-GREECE).
- 6055 PERU R. Continental, SF ballads/pops 0715 9-12, ads, jingles, IDs 0726 (Alexander-PA); IDs 0926 9-16, full version of "El Condor Pasa," poor in hvy GRM (Allen-OK).
- 6065 SWEDEN Stockholm, EG SCDKers 1720-1730 9-8, ID, IS, fair signal (Dillon-GREECE).
- 6060 ARGENTINA R.Nacional, ID 1000 9-29, talk show, better than usual sig (Jones-MS).
- 6080 AUSTRALIA RA in EG with ID, pips at 2000 on 9-23 (Schulze-GFR).
- 6085 W.GERMANY Bayerischer Rundfunk, in GM 1610-1633 9-9, ID, polkas, fair (Dillon-GREECE).
- 6090 LIBERIA ELBC good at 0709 9-23, end of EG nx, ID, TC, motorcycle ad, then "Police Rpt" with unid.bodies, missing persons--my favorite program! (Orcutt-CA).
- 6090 LUXENBOURG R.Luxembourg, Br.rock mx 1633 9-9, wx, telcalls, ade, IDs, fair (Dillon-GREECE).
- 6100 YUGOSLAVIA Belgrade, Bulgar nx 1710 9-9, ID, IS 1726, into EG at 1730, fair (Dillon-GREECE).
- 6116 COLOMBIA LV del Llano, 0959 9-12 with TCs, ads, IDs, LA mx, RJ-Cannada splatter by 1030 (D'Angelo-PA); 1113 9-12, ads, IDs, jingles, "noticias del Colombia" (Paskiewicz-WI).
- 6120 CYPRUS BBC relay, world nx headlines 1710 9-10, all AR programming, fair (Dillon-GREECE).
- 6120 S. AFRICA R. RSA, EG nx 0409 9-27, off 0425* with IS (Schulze-GFR).
- 6130 JAPAN NHK-Kumamoto, quite gud 1200 9-28 after VCA, no CHNx; pips, ID, talk (Rippel-VA).
- 6140 W.GERMANY DW, Greek 1710 9-11, world nx, ID, GFR events, good sig (Dillon-GREECE).
- 6141 BOLIVIA R.Luis de Fuentes, 95% sure of ID at 1012 9-21, poor sig, woodpecker (Jones-MS).
- 6150 FRANCE RFI, GM 1730 9-11, gal with FR pops, IDs, rock "Get Down" (Dillon-GREECE).
- 6160 COSTA RICA R. Impacto, SP cmtry 0317 9-22, hvy pol.cmtry, VOA GRM (Fleming-MD); 0350-0440 10-2, mostly talk (Jordan); rescuing ID 1202 9-16 (Courtney-KY).
- 6165 SWITZERLAND SRI, GM 1745-1800, nx, current events, ID, accordion mx, 9-11 (Dillon-GREECE).
- 6170 COLOMBIA LV de la Selva, vocal mx 0943 9-10, clear ID 0945, fiesta mx (Klein).
- 6170 USSR RM EG 0314 9-20, ID 0315, mx interlude, good signal (Hollerman-AL).
- 6180 CYPRUS BBC relay, EG 1700-1715 9-3, world nx, "Ltr from England" (Dillon-GREECE).
- 6185 MEXICO R. Educacion, 0645-0706* alt.jazz and ME(!) vocals, VG sig (Orcutt-CA). 73-



LOG REPORT

section C

6200 to 11699 kHz

Editor: Jerry Irvine, Box 5204, Hidalgo, TX 78557

- 6105.5 BOLIVIA R. PANAMERICANA 1047-1110 SP. NICE SIG W/REL PGM BY HERMANO PABLO; VARIOUS ADS INCL "RCA" ID 1052 (ALLEN-OK 9/11)
- 6160 COSTA RICA R. IMPACTO 1115-1129 SP. NX, ST. SIG (FIELD-MI 9-25)
- 6200 ALBANIA R. TIRANA 1534-1600 ALE. FOLK MX W/YL DJ, UTE QRM @ 1549-1554 NA, OFF@1559 (DILLON-GREECE 9/13)
- 6201t PERU R. LV de HUAMANGA r. 6.199 1025-1055 SP. LOC. MX; M TK 1040, WEAK ENDING (FIELD-MI 10/6)
- 6205 ECUADOR HCJB 0636 EG. ANARCON 1987 SPEC-LIVE (LEMKE 9/9)
- 6240 VATICAN CITY R. VATICAN 0215-0257 LANGS. IS 0215, 0230, 0245 FAIR. r. 6250 WRTH/6252 RDI. (JORDAN-PA 9/5)
- 6240 BANGLADESH R. BANGLADESH AR. 1600-1628 ID. GREETINGS, Q' RAN W NX LOC NX/MX. (DILLON-GREECE 9/13)
- 6250 VATICAN CITY VATICAN R. 1630-1646 ALBANIAN IS, ID, SKED. TK; SAN ANTONIO, TX MENT. POS. RE. POPE'S VISIT, INTO SLOVENE @ 1645, FAIR (DILLON-GREECE 9/13)
- 6250nf? CUBA R. HAVANA 0250-0320+ EG/SP. LOC. MX M/W ANCRS. NX, SPORTS LA & SOVIET REL. TOPICS (JORDAN-PA 9/30) / 0310 EG. NX. MAILBAG "PO BOX 7026" VRY. WEAK W/QSB/79550 (FLEMING-MD 9/19)
- 6250 CHINA QINGHAI PBS. XINING 2255 CH. TIME PIPS, NX (SCHULZE 9/5)
- 6549 LEBANON V OF LEBANON 1650-1720 AR/EG. TK POL SIT ME, MX, LOC. ADS. NX/EG. 1715 (DILLON-GREECE 9/13)
- 6570t BURMA BURMESE ARMY ST. "THAZEN" PER FT#443,444, STR. SIG. MX (UNID) TLL 1130, TK. (RIPPEL-VA 9/27)
- 6576t N. KOREA R. PYONGYANG 1544-1550 RS. MX-OPERA W/OM DJ. NA FREQ+LANG FIT (DILLON-GREECE 9/14)
- 6616 CLAND R. VENEREMOS 2340-2357 SP. MARTIAL MX, TK M/W ID. SHIFT 6600.4 (ALEXANDER-PA 9/19)
- 6668v CLAND LV de ALPHA 66 0112-0126 SP. STR. SIG. W/REV TKS BY M&W. ID @ 0120 (TUCHSCHERER-WI 9/24)
- 6726.6 PERU R. SATELITE 0152-0205 SP. MX; VOC, FLUTES. ID 0159 POOR W/RTTY (PASZKIEWICZ-WI 8/31)
- 6955 CHINA PR R. BEIJING 1601-1615 TURK. IS, ID YL ANCR. W. NX. STORIES ART, TRADE & TECH. RE. BANGLADESH, MX. FAIR (DILLON-GREECE 9/14)
- 8002.9t PERU R. CHINCHYAQUI, SAN PABLO, CAJAMARCA 0139-0203 SP. MX; LIVELY LA SONGS. INCREASED QRM. ID? (TUCHSCHERER-WI 10/4)
- 7115 BULGARIA R. SOFIA 0300-0400 EG. NX RE: GORBACHEV, U.S./SOVIET ARMS BY W. CNTRY/M. CONTEST 7W NOV. 7 DEADLINE (JORDAN-PA 9/23)
- 7105 MONACO TWR 0620-0635 EG. S/ON W/MUSIC-BOX IS. OPENING ANMTS W/ID @ 025 INTO REG. PRGM. MIXING W/BBC (ALEXANDER-PA 9/12) / EG/FR. 0630 BBC OFF (OKCUT-CA 9/24)
- 7105 SINGAPORE BECOS REL. 1615-1633 EG. STORY / TWO-HEADED BIRD, MX-JAZZ. FAIR (DILLON-GREECE 9/14)
- 7125 POLAND R. PALONIA 1633-1645 EG. NX/YL, ID/OM, STORY ART. NEW ECONOMIC REF. QRM de 7130 POOR (DILLON-GREECE 9/14)
- 7140 CYPRUS BBC REL. 1645-1700 AR. YL DJ W/LIST OF SINGERS, MX. ID. "MIN LUNDUN" JAMMED/FAIR. (DILLON-GREECE 9/14)
- 7145 FRANCE RFI 1711-1730 6M W. NX/OM, STORY ART NEW CALEDONIA, EUR. NX, SKED, POP MX. FAIR (DILLON-GREECE 9/14)
- 7155 ALBANIA R. TIRANA 1537-1602 ALB/RS. FOLK MX W/OM DJ NA IS. "GOVORIT TIRANA" @ 1600 INTO RS. FAIR (DILLON-GREECE 9/15)
- 7160 TURKEY VOT 2305 EG. W/NX, REV. TURKISH PRESS. F (RHYNF-NC 10/6)
- 7170 NEW CALEDONIA RFO NOUMEA 0015-0050 FR. MX U.S. POPS M HOST 7/3. 255 ALTHOUGH IT LOOKS LIKE 90 METER BAND IS ON UPSWING (RIPPEL-VA 9/10)
- 7185 USSR R. MOSCOW 1605-1630 AR. TK ON U.S. POLICY IN GULF. ID "MIN MUSKAW AL-HAYAT AS-SUIFYATI" (FROM MOSCOW-SOVIET UNION (DILLON-GREECE 9/15)
- 7190 YEMEN, DPR DYBS 0343-0351 AR. NA 0345 ADEN (REPEATED) TK, 0350 PRAYERS. SIO 433 (STREITMATTER-IN 10/8/71D 1630 "...MIN ADAN..." GRM HEAVY (DILLON-GREECE 9/16)
- 7200 YUGOSLAVIA R. BELGRADE 1610-1645 SERBO-CROAT. MX BALKAN-STYLE W/OM + YL DJ'S. ZNCMTS (ADS) MX C+W. ID 1640 (DILLON-GREECE 9/18)
- 7210 UNITED KINGDOM BBC 1645-1655 EG/FR. ID/W INTO FR. 1645 W. NX. HEAVY QRM de JAMMING ON 7215. NOT LIST WRTH. (DILLON 9/18)
- 7230 USSR R. MOSCOW 0330-0340 SP. PIPS, ID, TK MIXED W/LITE MX. FAIR (JORDAN-PA 9/23)
- 7230 BULGARIA R. SOFIA 0302-0333+ SP. OM INTO NX, ID @ 0305/H; 0315 7W. TKS RE. NICARAGUA, COSTA RICA, U.S. & CONTRAS. MX. LA VOC. & GUITAR. F/G (JORDAN-PA 9/23)

7240 YUGOSLAVIA R.YUGOSLAVIA 1655-1705 AR/BUL.MX U.S. ROCK.QTH
YL,SKED,IS INTO BULG. @ 1700 FAIR (DILLON-GREECE 9/18)

7244 MOZAMBIQUE RM 0440-0546 PT. MX REL. IS 0500 NX ID 0516. SIO
555 (STREITMATTER-IN 9/20)

7255 BOTSWANNA RB 0345 VERN. COWBELL IS TO 0358;NA;ID INTO NX
0404 SERMON (COURTNEY 9/14)/ MX REL. 0455/74.820 F.SIG.(RHYNE-
NC 9/27)

7259 VANUATU RV 0859-0930 EG NX,LOC.& NATL/OM.ID "YOU ARE
LISTENING TO RADIO VANUATU." ANOTHER "KEEPER" V.GOOD (RIPPEL-
VA 9/10)/ 7260 @ 1027 VERN. YL READING# SETS IN EG. ISLAND MX
POOR SIG.(KLEIN-WJ 9/10)

7260 GERMANY,DDR RB1(EUR.SVC.) 1705-1727 EG. PEACE RALLY IN
DRESDEN; ID "PANORAMA", "DID YOU KNOW?" SKED.FAIR(DILLON-
GREECE 9/18)

7265 GERMANY,FRG SUDWESTFUNK 0514 GR. TK/OM NX? 0515 MX "TEARS OF
A CLOWN" (COURTNEY-KY9/13)

7265 USSR R.MOSCOW 1727-1735 CZECH. GUITAR MX.ID"R.MOSKOVA"
SKED,IS INTO LANG? GRM @ 1730; GOOD (DILLON-GREECE 9/18)

7270 SOUTH AFRICA RSA 0400-0425* EG. OM ANCR. W/W.NX. ADDRESS FOR
LISTENERS; SKED CHANGES; S/OFF 0430 (JORDAN-PA 9/5)

7285 GERMANY,FRG DW 1735-1750 TURKISH. GERMAN LESSONS,NX. ID,
SKED; V.GOOD (DILLON-GREECE 9/19)

7295 MALAYSIA R.MALAYSIA 1045 LANG/CH. TKS IN BAHASA MALAYSIA,
OPERA MX; CHILDREN'S CHOIRS; INTO CH LESSON (KLEIN-WJ 9/10)

7295 SOUTH AFRICA RSA 0622-0638 FR. 0627-BIRD/IS FADE-OUT,ANT.
CHANGE; GRM/JAMMING RFE (JAMMER CN ID AS UQU7 ?)(FLEMING
MD 9/15)

7305 USSR R.MOSCOW 1803-1830 AR. W.NX.ID"...MIN MUSKAW"; OM DJ MX
SOVIET POP; CW GRM; (DILLON-GREECE 9/19)

7310 TUNISIA R.TUNIS 1830-1915 AR YL DJ W/AR CHORAL MX. ID @1620;
POOR RECEPTION/LOUD HET. (DILLON-GREECE 9/19)

7320 USSR R.MOSCOW 1630-1655 SLAVIC LANG. ID AS "RADIO MOS-
KOVA";CHORAL SELECTIONS; OM/YL TK.F.(DILLON-GREECE 9/20)

7325 UNITED KINGDOM BBCWS 1655-1705 EG. ID,W/NX. CO-CHAN.
GRM de R. MOSCOW IN EG. FAIR (DILLON-GREECE 9/20)

7330 BULGARIA R.SOFIA *0400-0437 SP. IS M&W/ANCRS. ID,NX. ELEC-
TRONIC EFFECTS & DISCO LA & ANDEAN MX. GOOD.(JORDAN-PA 9/23)

7335 USSR R.MOSCOW 1545-1605 POLISH? POP MX; TK RE. AFGHANIS-
TAN & PERSIAN GULF. MOSCOW ID.FAIR.(DILLON-GREECE 9/21)

7345 CZECHOSLOVAKIA R.PRAGUE (AFRO-ASIAN SVC.) 1605-1620 EG.
OM/TK RE. U.S. POLICY TOWARDS ETHIOPIA; ID, POP MX,
PROP.FAIR (DILLON-GREECE 9/21)

7360 USSR R.MOSCOW 1620-1635 GM BIG BAND MX W/YL DJ; OM/TK RE.
OCTOBER REV. & EAST GERMANY. (DILLON-GREECE 9/21)

7380.5 COSTA RICA R.FOR PEACE (t) 0104-0109* DEAD ATR THEN OPER-
ATIC VOCALS; OFF ABRUPTLY,NO TK. FAIR SIG.(ALLEN-OK 9/21)

7280 GREECE ? VOA REL. 1720-1735 FARSI. W./NX,W/STORIES ON U.S.-
USSR TREATY; VOA NX SIGNATURE. B'CAST NOT IN WRTH.
FAIR (DILLON-GREECE 9/19)

7430 GREECE VOG 0210-0349* GK/EG. GOOD VAR. MX; EG SEG. 00339-0347
THEN 2 MINS.GR. TO S/OFF.FAIR (JORDAN-PA 9/25)/0130
W./NX T00135; MX. SINPO 45434 (BAUERNHUBER-NY 8/5)

7464 ISRAEL KOL 0500-0525 HEBREW YL NX W/HEBREW ID; OM ANCR. W/
TELE. INTERVIEW. UTE GRM.(FLEMING-MD 9/14)

7576 KOREA,PDR R.PYONGYANG *1100 EG. NA. NX/OM (SOUNDED LIKE STAR
TREK'S MR.SULU.(RIPPEL-VA 9/28)

76511sb U.S.A. VOA FEEDER 0531-0538 ME LANG? U.S. ROCK MX. PGM.GOOD
(KASHIWARA-CA 10/8)

9410 UNITED KINGDOM BBCWS 1700-1712 EG. W/NX "A LETTER FROM
SCOTLAND"//6150,12095. V.GOOD (DILLON-GREECE 9/1)/2200-
2230 EG.(XMSN TO EUR.VIA SHELTON XMTR SITE) FAIR (JORDAN-
PA 9/21)

9495 U.S.A. WRNO WORLDWIDE 2321 EG BEATTLES SILVER ANNIVERSARY
SPECIAL (LEMKE 9/9)

9455nf USA VOFC VIA WYFR 2145-2200 GM. TK, ID, MX, CH LESSON; S/OFF;
WYFR ID @2200 INTO EG.;FAIR W/QSB. (BUER-FL 9/26)

9545 SOLOMON ISLANDS SIBC 0553-0600 EG. REQUEST SHOW-C&W
MX.ID; POOR (KASHIWARA-CA 10/8)

9510 ALGERIA R.ALGIERS 1932-2000 EG. "AFTER HOURS" TE. @1945"15 MIN
TO GO ON R.ALGIERS; COUNTRY MX.ID. SIO 454(D'ANGELO-PA 9/19)

9550 AUSTRIA R.AUSTRIA 0140 STORY OF PIETRO LEOPOLDO IN TUSCANY &
SINPO 45333 (BAUERNHUBER-NY 8/2)

9552.5 EQUATORIAL GUINEA R.NACIONAL 2105-2120 EG. REL.PGM. W/ID+FREQ
IN SP. @2115; ADJ.GRM (BEST IN LSE (BUER-FL 9/24+9/26(9553)
//2154 SP.FREQ.CHECK.CLOSING ANMT. INTO NA; S/OFF(KLEIN-WI9/25

9555 CHINA.REP. TAIWAN VOFC VIA WYFR 0200-0300 EG. ID,NA,SKED.,
INTO NX. GOOD (JORDAN-PA 9/20)

9555 UNID.(POS.UAE OR IRAQ) 2030-2100 AR? INST. & VOC. MX;
// 11740 POOR (JORDAN-PA 9/13)

9555 MEXICO LA HORA EXACTA 1959 SP.TCS & PIPS, ALT. TK BY M&W;
SIO 242 (JONES-MS 10/5)

9560 TURKEY VOT 2200-2250* EG. OM W/ID,W ANCR.W/COMPLETE EG.SKED.
BILLBOARD. NX.//9505 (JORDAN-PA 9/23)

9575 SPANISH MOROCCO R.MEDI 2007-2045 FR/AR. MX; M/TK.NX.
S/OFF 9FIELD-MI 9/27)

9580 AUSTRALIA RA ~~11740~~ PROPAGATION REPORT-MIKE BIRD
(LEMKE 9/11)

9580 USA WHRI *1330 MULTILINGUAL TEST MESSAGE W/SPECIAL QSL; GOOD
 SIG./STRONG QRM de R.AUSTRALIA (RIPPEL-VA 9/17)
 9590 CANADA BBC VIA SACKVILLE REL. 0205-0230 EG. NX.PRESS RE-
 VIEW; (JORDAN-PA 9/18)
 9600 ASCENSION ISLANDS BBC REL. 0740-0800 EG. 'NETWORK AFRICA';
 BBCWS W/NX 00800. (JORDAN-PA 9/17)
 9605 PORTUGAL R.PORTUGUESA 1910-1920 PT. MX, ID, TK TO EUR.
 F TO GOOD W/CO-CHAN.QRM.(BUER-FL 10/4)
 9610 AUSTRALIA PERTH VLW9 1207-1230* EG. POL.PROB.IN PHIL.
 INTERVIEWS,ORCH.MX-GOOD.(JORDAN-PA 9/15)
 9615.4 MONGOLIA R.ULAN BATOR t 1024-1039 CH 8-NOTE IS; TK BY W
 12015 TOO WEAK TO//;(ALLEN-OK 9/18)
 9625 CANADA CBC NORTH.SVC. 1800 EG. COUNTRY MX;FOLK CONCERT SINPO
 45444 (BAUERNHUBER-NY 8/16)
 9635 CYPRUS CBC VIA BBC 2215-2245 GK. MX W/MIX OF VOC., INSTR.;TK/
 OM; (JORDAN-PA 9/19, 9/21)
 9635 MALI RDT MALIONNE 0710 FR. S/ON, IS. MARCH MX.0715 ID,NX.
 LOC.MX. S=5+20 db. (SCHULZE-FRG 9/20)
 9660 AUSTRALIA BRISBANE VLO 1200-1207 EG. NX ABT AUSTRALIA
 W/BBC SOUNDING OM ANCR. WEAK W/ALL THE Q'S(SHI) N.9/14, 9/15,
 9/16 5-7 MIN COPY U/R.RUMBOS. (JORDAN-PA 9/16)
 9670 USA VOA 2340-0015 CREOLE/SP. M & W ANCRS. CREOLE INSTR.& VOCAL
 MX. ID IN EG. 00000; M ANCR. SP. PGM. TK/OM (JORDAN-PA 9/21)
 9680 PORTUGAL RP 0030 EG. TK ABT. EXPORTS TO ALGERIA, WX. TOURISM
 QRM//WYFR RUINS SIG 00052. SIO 343 (SAMPSON-WI 9/8)
 9685 ALGERIA R.ALGIERS CHAN.4 1750 EG. POP.MX. 1900 NX.EG.
 S=5+40db(SCHULZE-FRG9/20)
 9709 UNID 0650-0700 LANG.? LOW KEY VERSION AF. HI-LIFE-MX.
 MAURITIUS? V.POOR (ORCUTT-CA 9/24)
 9730 CHINA.PR R.BEIJING 1304 EG. NX RE.INDIA,ARAFAT,CENT.AM; NX
 OF CHINA. HET.SIO=222; (SAMPSON-WI 9/20)
 9735 GERMANY,FRG DW 0255-0305 GM. TK BY M & YL;MX, IS, ID BY YL,FREQ
 PGMS.W/NX.FADE (HOLLERMAN-AL 9/20)
 9735 PARAGUAY R.NACIONAL 0001 SP. ID AS "R.NACIONAL,ASCUNSION,PARA-
 GUAY"; TK/M VY.RAPID SPANISH, POS. NX. SIO=454 (JONES
 -MS 10/7)/ 2300-2310 TK, ID, INTERVIEW PGM (ALEXANDER-PA 9/20)
 9745 SPAIN REE 2300 SP. ANCMTS. BY M & W,NX. G.SIG.(RHYNE-NC 10/6
 9760 BRAZIL R.NACIONAL 0030 PT. MULTIPLE ID'S BY M; A BIT OF QRM
 de RCI (COURTNEY-KY 9/19)
 9800 FRANCE RFI 0332 EG. WORLD NX. (LEMKE 9/9)
 9800 PHILIPPINES FEBC 1347-1600 MANDERIN RELIG.PGM. EG. ID BY
 STAFF W/IS.(SCHULZE-FRG 9/20)
 9870 USA,ALASKA KNLS 1100 S/ON W/IS, ID. VY,WEAK SIG. (SCHULZE-
 FRG 9/13)
 9875nf ECUADOR HCJB 0230 EG. 'DX PARTY LINE', GEORGE NEFF W/ASWLC
 REPORT; IS,CONTEST; HET. SIO=444. (SAMPSON-WI 9/8)/0043-
 0059; STORIES OF GREAT CHRISTIANS. (HAWK 9/29)
 9875 IRAQ R.BAGDAD 2140-2150* EG. ARABIC INSTR. & VOCAL MX; OM
 ANCR 02149 W/ID,EG.SKED; MX W/STRING INSTR.(JORDAN-PA 9/23)
 9895 NETHERLANDS RN VIA FLEVO 0205-0240* SP/EG. INCREASED QSB,
 QRN./6020 POOR. (JORDAN-PA 9/28)
 9950 SYRIA SBC 2236-0012 SP. ID'S,ARABIC MX. INTOPT. PGM.
 POOR. (KASHIWABARA-CA 10/8)
 9966 CLAND. LV de URNG 0110-0123 SP. SPANISH NUMBERS,TK. SEVERAL
 ID'S.(PASZKIEWICZ-WI 9/4)
 11515 CHINA,PR R.BEIJING 1258 CAMBODIAN BEAUTIFUL MX. ID 1259,
 TK. (COURTNEY-KY 10/4)
 11620 INDIA AIR 2136-2230* EG. INDIAN MX. W ANCR. NX.2000-2009;
 COMNTRY. ID-"ALL INDIA RADIO" SIO=253 (STREITMATTER-IN21
 11625 SYRIA R.DAMASCUS 2032-2046 EG. (nf?) SYRIAN CULTURE PGM./7
 12085; 9950 DROPPED. (D'ANGELO-PA 9/19)
 11665 KUWAIT R.KUWAIT 1949 EG. STORY ABT. QURAN.ID.(SCHULZE-FRG
 9/20)
 11670 FRANCE RFI 1308 FR. TK BY OM,NX;(COURTNEY-KY 10/4)
 11675 USSR R.MOSCOW 1650-1730 MULTI-LANG. TK BY OM, MX; POSS.
 LANG. CONS. /SLAVIC,NORDIC. F TO GOOD. (JORDAN-PA 9/5)
 11679 N.KOREA KCBS t 0540-0544 KR. LIVELY TK BY OM; POOR (KASHIWA-
 BARA-CA 10/8)
 11692.3 VENEZUELA R.NACIONAL 1303 SP. NX;1305 ID AFTER BRIEF MX.
 JINGLE. (COURTNEY-KY 10/4)
 11695 VENEZUELA R.NACIONAL 0400 SP. SIGNING OFF. (FIELD-MI 9/29)



LOG REPORT

section D

11700 and above

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

- 11700 ALASKA KNLS Anchor Point in EG 1854, "World of Country Music" (Lemke 9/8)
- 11705 IRAQ R. Baghdad in EG 0010, ID, mid-East mx & vocals, cmntry, f (Sampson WI 9/7)
- 11725 IRAQ R. Baghdad in AR 1540, tlks re Iran-Iraq war, ID 1609 (Dillon GREECE 9/2)
- 11735 YUGOSLAVIA RY in AR 1405-1425*, world & local nx, ID, IS, mx (Dillon GREECE 9/3)
- 11735 BRAZIL R. Clube Goiania in PT 0220, soccer match, ID, ads (Fleming MD 9/19)
- 11750 SINGAPORE BBC relay in EG 1430, nx, "Outlook", "Write-On" (Dillon GREECE 9/3)
- 11760 COOK IS. RCI in EG 0528, "The Final Countdown", ID, island mx (Courtney KY 9/13)
- 11760 IRAQ R. Baghdad in AR 1345, ID, patriotic mx, QRM from VOA 1400 (Dillon GREECE)
- 11775 ECUADOR HCJB in EG 0208, ANARCON 1987 special, live recording (Lemke 9/9)
- 11785 EGYPT R. Cairo in AR 1405, nx, ID, "Science and Life", g (Dillon GREECE 9/4)
- 11795 MALTA DW relay in GM 1430, jazz mx, nx & features, QRM Bucharest (Dillon GREECE)
- 11795 CUBA RHC in EG 1830, Cuban pop mx in SP, host Tanya Jackson (Bauernhuber 8/16)
- 11820 ALASKA KNLS Anchor Pt in EG 0910, relig pgms, 20 db+ in W. Germany (Schulze)
- 11860nf NORWAY RNI in EG 1602, sports, cmntry on oil in North Sea, f (Sampson WI 9/6)
- 11865nf UNITED ARAB EMIRATES Abu Dhabi in AR 0215, IS on string instrum., NA 0210, ID, fregs, Koran (Worob TX) 0245 in AR, patriotic mx, NA 0300, p (Jordan PA 9/21t)
- 11900 SOUTH AFRICA RSA in EG 2128, "Talking Point" re housing (Lemke 9/8)
- 11915 BRAZIL R. Gaucha in PT 0245, interview, heavy USSR jamming (Fleming MD 9/19)
- 11930 ALASKA KNLS Anchor Pt. in EG 1059, IS, ID, 50's oldies, g (Schulze W.GERMANY)
- 11990 CZECHOSLOVAKIA R. Prague in EG 0150, classical mx, g (Bauernhuber NY)
- 12015 MONGOLIA Ulan Bator in EG *1200-1235*, IS, fregs, sked, nx (Jordan PA 9/21)
- 12015 CHINA R. Beijing in Amoy *1200, IS, nx?, CH vocals, off air on 9/21 (see above)
- 12030 SPAIN(t) REE hrd in SP 2000-2130+, nx, tlks, mx, very weak, QRM (Jordan PA 10/4)
- 12030 SWITZERLAND SRI in EG 1300, pips, ID, TC, "Dateline" (Courtney KY 10/3)
- 12085 SYRIA R. Damascus in EG 2032, "Around the World in a Week" (Lemke 9/9)
- 12095 UNITED KINGDOM BBC in EG 1700, world nx, "A Letter from Wales" (Dillon GREECE)
- 13645 USSR R. Rodina in RS *2330, IS, ID, tlks, organ & folk mx (Jordan PA 9/29)
- 13715 CZECHOSLOVAKIA R. Prague in AR 1720, into EG 1730, tlks, vp w/QRM (Buer FL 9/26)
- 15030 CHINA CPBS in CH 0130, CH flute mx, much QSB & flutter (Fleming MD 9/19)
- 15060 SAUDI ARABIA BSKSA in AR 1400, nx, very low audio (Fleming MD 9/15)
- 15070 UNITED KINGDOM BBC in EG 1700, nx, "A Letter from N. Ireland" (Dillon GREECE)
- 15135nf UNITED ARAB EMIRATES Abu Dhabi in AR 1505, ID, tlk, songs, g (Buer FL 9/26)
- 15180 USSR R. Kiev in EG 2345, "Ukraine Today", pgm re farm co-ops (Fleming MD 9/15)
- 15225nf USA WGSN, Maine in EG 1736-1755*, classical mx, sked, ID, g (Hollerman AL 10/6)
- 15240 SOUTH AFRICA RSA in lang? 1600-1700+, IS, ID, nx?, mx, vp (Jordan 9/26)
- 15240 YUGOSLAVIA RY in EG 1428-55, IS, ID, nx, QRM R. Berlin (Kashin OH 9/25)
- 15295 ECUADOR HCJB Quito in JP 2200, ID, fregs, relig pgm, p (Kashiwabara CA)
- 15300nf JAPAN RJ in EG 2300, world nx, f-g (Bauernhuber NY 8/13)
- 15335 MOROCCO RTVM(t) in AR 2018, AR mx, moaning by YL, no ID, p (Hollerman AL 9/23)
- 15380 PORTUGAL R. Liberty in RS *2228-2315+, IS, ID, "Govorit R. Svoboda" (Jordan PA)
- 15400 ASCENSION IS. BBC relay in EG 1700, world nx, "Focus on Africa" (Dillon GREECE)
- 15425nf CUBA RHC in AR 1705-1730*, Cuban mx, AR instrumentals, nx, ID, NA (Jordan PA)
- 15435 SRI LANKA DW relay in Parsi 1840-1851*, tlk, site ID in EG, f-g (Buer FL 9/26)
- 15460 COSTA RICA Adventist World R. in SP 2115-2205*, NA, s/off in EG (Alexander PA)
- 15474 ANTARCTICA R. Nacional LRA 36(t) in SP 2340, romantic mx, no ID (Klein WI 9/14)
- 15525 BANGLADESH RB in EG 1231, nx, several ID's, cmntry (Courtney KY 10/6)
- 15555 CLANDESTINE Iran Freedom Flag in FS(p) 1745-1825*, polemics, mailing address, then dead air from 1750-1812, vocals, chants, tlks, patriotic chorus (Jordan PA)
- 15630 GREECE VOG in EG 1239, nx, fregs, ID, poor modul, off 1250 (Courtney KY 10/3)
- 17555 ISRAEL Tel Aviv in HB 1321, American oldies, vg signal (Courtney KY 10/4)
- 17820 CANADA RCI in EG 1802, world nx, wx, sports, ID, feature, g (Hollerman AL 10/6)
- 17825 JAPAN RJ in EG/JP 0150, chimes ID, into JP programming 0200 (Fleming MD 9/19)
- 17830nf USA WHRI in multi-lang 2240, equipment test using IS, ID's in GM, EG, IT etc. f w/QSB (Buer FL 9/24) ED: Must be a move up from listed 17835.
- 17880 EAST GERMANY RBI in EG 1330, nx, letterbox, other features, f (Rhyne NC 9/27)
- 21590 SOUTH AFRICA RSA in EG 1335-1405, listeners' requests, personals, Afro vocals, "Happy Warrior" theme (Jordan PA 9/19) ED: Nice catch for this propagation cycle

 Several repeat loggings listed in last month's issue were not included in the above summary. Please consult last month's FRENEX for a more complete update of Log Section D.

A weekly SWL net was started in the end of October by Chuck Rippel, WA4HHG, and Bob Brown, KW3F. It meets Sunday mornings at 1400 UTC on 7240 LSB. I was returning from a trip to Indiana while the first one was being conducted, but both tell me it went very well. Both Chuck and Bob are users of the Pinelands RBBS. If you don't have a ham license and would like to contribute to the net, leave your loggings or comments as messages in the SWL conference on Pinelands. Type your message off-line and format it to a maximum line length of 71 characters. After logging onto the BBS, at the main functions prompt enter ";swl" and press the return/enter key. At the next menu, E>nter a message to ALL and at the prompt for the first line, upload the message (using your communications software commands) as an ASCII text file. Even at 300 baud, a 99-line message (a maximum per message) will upload in less than 60 seconds. It's easy to share your information.

Bob Brown and others have been discussing the possibility of holding an SWL gathering on a February weekend. We are looking at the Bordentown, NJ, area as central to the New York and Philadelphia areas and easily accessible from a turnpike. If you are interested in helping or attending, let me know or leave a message in the SWL conference of Pinelands RBBS. Let's see if we can make this go.

George Wood's SWEDEN CALLING DXERS during October had an RSI staff member reading radio-related excerpts from a new book called SPY CATCHER. The author, Peter Wright, former assistant director of M15, the British Secret Service, discusses British intelligence activities since 1955. The book is banned in England. Looking for something to read on the plane ride back, I found SPY CATCHER discounted to \$13 (from \$20) in an Indianapolis shopping center. Fascinating reading, and there is much more of interest than just the pieces George has been reading. The publisher is VIKING PENQUIN. Recommended...

Other notes (in no particular order): China's new frequencies were gleaned from recent SCDX bulletins. I have been able to hear parts of some transmissions since the frequencies were changed, but the overall signal levels and quality are terrible. I doubt that the WNA schedule published last month is valid. Hauser's World of Radio has new times. With the short fall season, the D87 changes have already started to surface. Radio Bras at 02 UT is actually on 11748, not the announced 11745 kHz. The solar flux graphs clearly show the solar flux upturn in the last few months.

 Pinelands RBBS offers the weekly Sweden Calling DXers electronic bulletins, HCJB Newsletters, and other goodies. Propagation and sunrise/sunset programs, other SWL and amateur radio programs, plus the best of the recent shareware and public domain programs for the MS-DOS family of PCs. Join the SWL conference and add your contributions to the messages therein. Call 609-859-1910 at 2400, 1200 or 300 baud, 8 bit, no parity, 1 stop bit.

Thomas R. Sundstrom : Telex: 6502446376 (via WUI)
 PO Box 2275 : MCI Mail: 244-6376
 Vincentown : The Source: BCFB11
 NJ 08088-2275 : Compuserve: (send via MCI Mail)
 : Packet Radio: W2XQ @ W2MNF
 : Pinelands RBBS: 609-859-1910 (24/12/3 8N1)

This report covers changes entered between 09/26/87 and 10/29/87.

ENGLISH LANGUAGE SW BROADCAST SCHEDULES: By Start Time

Compiled by Thomas R. Sundstrom, W2XP

Start End Time (UTC)	Country	Station	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Freq #8	Target Area	Notes	Record Last Updated
0000 0100	Bulgaria	R Sofia	11720	9700							NA/W Eu		10/03/87
0000 0130	Canada	R Canada Int'l	9755	5960							NA	Tue-Sun (Sun-0030)	10/19/87
0000 0100	China	R Beijing	9665								ENA		10/27/87
0000 0045	German Dem Rep	R Berlin Int'l	9730	6080							ENA		09/22/87
0000 0200	Iraq	R Baghdad	6110								NA/SA		10/26/87
0000 0245	Luxembourg	R Luxembourg	6090								regional		10/28/87
0000 0030	Norway	R Norway	9605	9580							ENA/CR/SA		10/18/87
0000 0300	USA	KUSH	11680								S Eu	Eng Mon only due on air 12/1 60 deg	10/22/87
0000 0200	USA	WCSN	9850										10/25/87
0000 0400	USA	WRND	7355										10/25/87
0030 0100	USSR	R Kiev	15180	13645	11790	7260	7205	7185			NA		10/19/87
0045 0130	German Dem Rep	R Berlin Int'l	9730	6080							ENA	World News Service	09/27/87
0045 0100	South Korea	R Korea	15575								605		10/03/87
0050 0110	Vatican State	Vatican Radio	9605	7315	6150						NA		10/17/87
0059 0200	Canada	R Canada Int'l	9755	5960							NA		10/19/87
0100 0150	Fed Rep Germany	R Deutsche Welle	11795	9565	9545	6145	6085	6040			ENA	Sun-Mon 9545, 6085 v Malta	10/22/87
0130 0155	Philippines	R Veritas Asia	15370	15330							As		10/17/87
0145 0230	German Dem Rep	R Berlin Int'l	6165	6125							LA		09/27/87
0200 0250	Brazil	R Bras	11748								NA/CA		10/28/87
0200 0330	Canada	R Canada Int'l	9755	5960							NA	Tue-Sat	10/19/87
0200 0210	France	R France Int'l	9790	7715	5950						ENA/LA/Caribbean		10/26/87
0200 0245	German Dem Rep	R Berlin Int'l	9560	6010							NA		09/27/87
0200 0256	South Africa	Radio RSA	11730	9615	9580						NA		10/26/87
0200 0400	USA	WCSN	9850								W Afr	90 deg	10/25/87
0215 0300	German Dem Rep	R Berlin Int'l	9730	6080							ENA		09/27/87
0258 0400	USA	WRRI	9745	7400							Eu/CA/SA		10/25/87
0300 0400	Japan	R Japan	17845	17810	5960						60S/Asia/NA	5960 v Sackville	10/25/87
0300 0426	South Africa	Radio RSA	11900	9580	7295	4990					Afr		10/26/87

1000	1025	Belgium	BRT	17795	15510	Afr	Mon-Fri	10/27/87							
1000	1030	Norway	R Norway	17780	15230	Afr/Eu/NE/FarE/AusNZ	Eng Sun only	10/18/87							
1100	1200	China	R Beijing	9665		EMA		10/27/87							
1100	1200	Japan	R Japan	17810	7210	60S/Asia/NA	6120 v Sackville	10/25/87							
1100	1156	South Africa	Radio RSA	21590	15390	Afr/NE/UK/Ireland		10/26/87							
1100	1200	South Korea	R Korea	15575		ME/Afr		10/03/87							
1100	1600	USA	KUSM	9850			due on air 12/1	10/22/87							
1115	1125	France	R France Int'l	17880	17620	15435	15315	15300	15195	15155	11700	SA/CA/E	Eu/NE/Afr		10/26/87
1145	1230	German Dem Rep	R Berlin Int'l	17755	15240	11890	11705	9665				ME/NA	Af		10/27/87
1200	1300	China	R Beijing	9665	9645							EMA			09/27/87
1200	1225	Finland	R Finland	15400	11945							NA			10/09/87
1200	1225	USSR	R Tashkent	11785	9715	9600	7325	7275	5945			As			10/18/87
1215	1300	German Dem Rep	R Berlin Int'l	21540	21465	17880	15440					SE As			09/27/87
1230	1300	Sweden	R Sweden	15430	9565							S As/E As			10/25/87
1300	1325	Finland	R Finland	15400	11945							MA			10/09/87
1300	1330	Norway	R Norway	25730	15310	15185	9590	6040				NA/CA/Eu/Afr/SAs			10/18/87
1300	1400	South Africa	Radio RSA	21590	17810	15125	9750					Afr/NE/UK/Ireland			10/26/87
1305	1315	France	R France Int'l	17880	17620	15435	15425	15365	15195	11670	11670	EMA/E	Eu/NE		10/26/87
1330	1415	German Dem Rep	R Berlin Int'l	21540	21465	17880						SE As			09/27/87
1330	1400	Turkey	V of Turkey	15145								SE As			10/03/87
1330	1355	USSR	R Tashkent	11785	9715	9600	7375	7275	5945			As			10/18/87
1400	1425	Finland	R Finland	15400	11945							MA			10/09/87
1400	1500	Japan	R Japan	11815	9895	7210	5990					60S/As/Aa			10/25/87
1400	1430	Norway	R Norway	15315	15310	15245	9590	9530				EMA/CA/S	As/Aus		10/18/87
1400	1500	South Africa	Radio RSA	21590	17810	15125	9750					Afr/NE/UK/Ireland			10/26/87
1400	1500	South Korea	R Korea	15575	9750	9570						Am/SE	As		10/03/87
1400	1430	Sweden	R Sweden	15345	9895							MA			10/25/87
1445	1530	German Dem Rep	R Berlin Int'l	17755	15255	11890						M Af/NE			09/27/87
1500	1600	Japan	R Japan	21700	11815	7210	5990					60S/As/Aa/Eu/NE			10/25/87
1500	1556	South Africa	Radio RSA	21590	17810	15125	9750					Afr/NE/UK/Ireland			10/26/87
1505	1530	Finland	R Finland	15185	11850							ME			10/09/87
1515	1600	German Dem Rep	R Berlin Int'l	17880	15240							SE As			09/27/87
1530	1600	Bulgaria	R Sofia	15310	11840	11735						Afr			10/03/87
1559	2200	USA	WRND	15420											10/25/87
1600	1655	France	R France Int'l	17795	17620	11705	9860	6175				Afr/NE/W	Eu		10/28/87
1600	1630	Norway	R Norway	15310	11850	9730	7290	5990				S As/NA			10/18/87
1600	1700	South Korea	R Korea	9870	5975							ME/Afr/60S			10/03/87
1600	1630	Sweden	R Sweden	11940	6065							S As/Eu			10/25/87
1600	1900	USA	KUSM	15225											10/22/87

2200	2225	Finland	R Finland	9760	6120	SA/Eu	10/09/87
2200	2225	Italy	RAI	11800	9710	Japan	10/09/87
2200	2230	Norway	R Norway	9605	9525	SA	10/18/87
2200	0000	USA	KUSM	15580		Eng Sun only due on air 12/1	10/22/87
2200	2400	USA	WESH	9465		90 deg	10/17/87
2200	0000	USA	WRMO	9495		W Afr	10/25/87
2230	2330	Bulgaria	R Sofia	11720	9700	NA	10/03/87
2300	2345	Berlan Dea Rep	R Berlin Int'l	7295	6125	ENA/Eu	09/27/87
2300	2400	Japan	R Japan	15280	15195	60S/As/OC/Ae/Eu/WE	10/25/87
2300	2330	Sweden	R Sweden	9695	6045	NA	10/25/87
2300	2350	Turkey	V of Turkey	9560	7135	NA/Eu	10/03/87
2300	0400	USSR	R Moscow	15425	13605	12050 9530 7400 7290 7150 7135	10/03/87
2330	0030	South Korea	R Korea	15575		Am	10/03/87

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This report covers changes entered between 09/26/87 and 10/29/87.
ENGLISH LANGUAGE DX SHOWS: By Day of Week
Compiled by Thomas R. Sundstroem, W2IG

Shortwave DX Program	Show Xasn 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													
World of Radio	0030	0000 USA	WRMO	7355							NA		10/17/87
SNL Digest	0105	0059 Canada	R Canada Int'l	9755	5960						NA		10/19/87
DX Show & Mailbag	1915	1900 USSR	R Kiev	9600	7330	6010	5945				Eu		10/19/87

R Sofia Calling	2315	2230	Bulgaria	R Sofia	11720	9700	NA	10/03/87
** DAY OF THE WEEK: Monday								
SM Feedback's DX Cor	0025	2330	South Korea	R Korea	15575		Ae	10/03/87
R Sofia Calling	0045	0000	Bulgaria	R Sofia	11720	9700	NA/W Eu	10/03/87
DX Show & Mailbag	0045	0030	USSR	R Kiev	15180	13645	NA	10/19/87
DX Show & Mailbag	0315	0300	USSR	R Kiev	15180	13645	NA	10/19/87
R Sofia Calling	0445	0400	Bulgaria	R Sofia	11840	11735	Afr/NA	10/03/87
DX Spot	0520	0500	Spain	Sp Foreign Radio	6125	5965	NA/Aus/NA	10/03/87
RBI DX Club	2205	2145	German Dea Rep	R Berlin Int'l	6125	5965	EMA/Eu	09/21/87
RBI DX Club	2320	2300	German Dea Rep	R Berlin Int'l	7295	6165	EMA/Eu	09/27/87
DX Program	2350	2300	USSR	R Moscow	15425	13605	EMA	10/05/87
RBI DX Club	0020	0000	German Dea Rep	R Berlin Int'l	9730	6080	EMA	09/27/87
** DAY OF THE WEEK: Tuesday								
RBI DX Club	0105	0045	German Dea Rep	R Berlin Int'l	9730	6080	EMA	09/27/87
DX Program	0150	2300	USSR	R Moscow	15425	13605	EMA	10/05/87
RBI DX Club	0220	0200	German Dea Rep	R Berlin Int'l	9560	6010	WNA	09/27/87
RBI DX Club	0235	0215	German Dea Rep	R Berlin Int'l	9730	6080	EMA	09/27/87
SM Merry-Go-Round	0305	0258	USA	WHRI	9745	7400	Eu/CA/SA	10/25/87
Sweden Calling Diers	0310	0258	USA	WHRI	9745	7400	Eu/CA/SA	10/25/87
DX Program	0350	2300	USSR	R Moscow	15425	13605	EMA	10/05/87
RBI DX Club	0450	0430	German Dea Rep	R Berlin Int'l	9560	6010	WNA	09/27/87
DX Program	0450	0400	USSR	R Moscow	13645	12050	EMA	10/05/87
DX Program	0650	0400	USSR	R Moscow	13645	12050	EMA	10/05/87
World of Radio	1615	1539	USA	WRNG	13420			10/05/87
** DAY OF THE WEEK: Friday								
World of Radio	0130	0000	USA	WRNG	7355			10/17/87
R Sofia Calling	2145	2130	Bulgaria	R Sofia	9700	7115	Afr	10/03/87
** DAY OF THE WEEK: Saturday								
R Sofia Calling	0025	0000	Bulgaria	R Sofia	11720	9700	NA/W Eu	10/03/87
World of Radio	0400	0358	USA	WRNG	6185			10/25/87
R Sofia Calling	0745	0730	Bulgaria	R Sofia	11720	9700	W Eu	10/03/87
SNL Digest	2105	2100	Canada	R Canada Int'l	15325	11945	W Eu	10/03/87
DX Radio Tips	2130	2100	Turkey	V of Turkey	7215		Eu	10/03/87
DX Radio Tips	2330	2300	Turkey	V of Turkey	9560	7135	NA/Eu	10/03/87

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