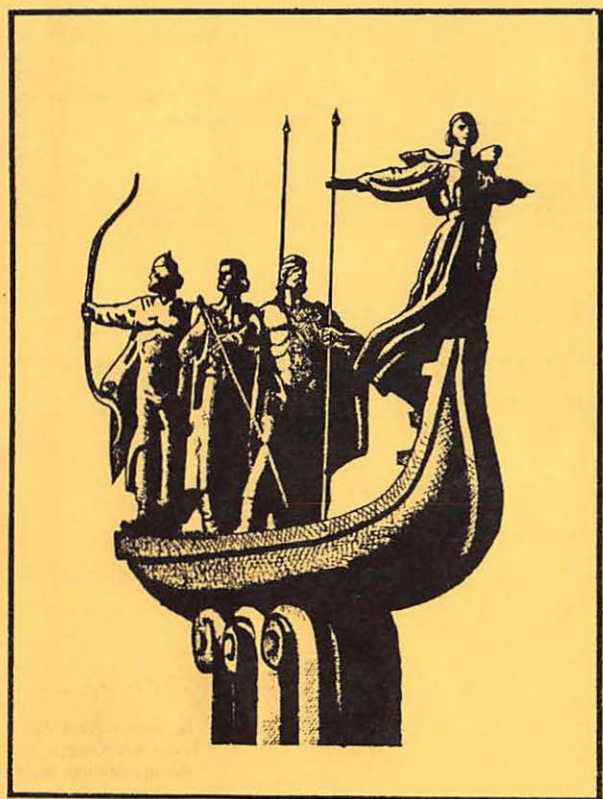


# FRIENDS

# RADIO KIEV



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SEPTEMBER 1987

RADIO NUEVO MUNDO  
"LA PRIMERA EN INFORMACION"

c/o Tetsuya HIRAHARA, 5-6-6 Nukui-kita, Koganei-shi  
TOKYO - JAPON

Tokyo, August 13, 1987

Mrs. Gayle Van Horn  
Monitoring Times Writer  
Orange Park  
U.S.A.

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  
Overseas Charge Secretary  
RADIO NUEVO MUNDO



# CONTACT

Stephen G. Moye  
178 Bartlett Ave.  
Cranston, Rhode Island  
02905  
[401] 941-6497



September 1987

Welcome to CONTACT for September. The slow but steady upward movement of the solar-flux index is coming just in time for the approaching DX season. I, for one, am looking forward to it. My fortieth birthday came and went last month leaving me leaving me relatively unscathed. Upon sober (and I mean that literally) reflection, I think that I can safely say that the best is yet to come.

Enough of the autobiography — on to the letters. New NASWA member Greg A. Jordan [2717 East Sunset Drive, Gastonia Drive NC 28054-2016; (704) 824-1307] writes in order to introduce himself, and to extend an invitation:

I don't know if you'll print something like this, in the CONTACT column, but I'll take a shot at it anyway. Can you print my telephone number and/or address? (Consider it done — sm) I'd like to get in touch with other SWLers in this area to exchange DX tips. There are a lot around here as I hear local suburbs mentioned all the time on mailbag [programs], WRNO, etc. Maybe I can get a few people together to attend ANARCON next year; who knows?

I have just recently joined NASWA but I'm not new to SW; I've been a daily SWLer since June '84 and I'm currently one of the monitors on the "Monitoring Times Monitoring Team." I use a Kenwood R2000 and an "Eavesdropper" trapped dipole. It works pretty well. I caught Seoul in English the other afternoon at 1:30pm — very unusual. I'll be ordering some log report forms!

...P.S. For the record, I'm 25 years old, but I have some teenaged nieces and nephews that make me feel a lot older! (In view of my recent 40th birthday, I trust that you're not looking for sympathy...sm)

An interesting note from Father John Eckert (Collegeville, Pennsylvania):

Back in June I sent you a letter concerning my AM/FM clock radio being able at night to pick up SW broadcasts. I haven't seen anything about this in CONTACT and I was wondering if you ever received my letter. (No, I didn't; many thanks for your persistence — sm) Here is what seems to be happening...

After nightfall, I scan the AM band on my clock radio. In the areas where there are no AM signals, I get a noise that sounds like a wave that jumps an octave high to low (it's hard to describe). It makes me think of a wave on an oscilloscope. It seems to pick up shortwave stations in the 6 MHz area. A typical night was June 9<sup>th</sup>:

Deutsche Welle (Antigua) on 6.085  
BBC on 5.975  
R. Prague on 5.930

R. Bucharest on 5.990

Swiss Radio International on 6.135 MHz

I can also state that some broadcasts were clearer on the clock radio than on my [GE] World Monitor. The above broadcasts were picked up on AM mode of the clock radio and I then traced and found them on the above listed frequencies on my World Monitor.

I don't know much about electronics but it seems to me that there is something WRONG with my radio that makes it possible to hear shortwave. Have you ever heard of this? One great thing — it's nice to be able to listen to shortwave while laying in bed using your unassuming clock radio.

Does anyone else have any experience ordinary radios picking up SW? Would any of our technically-minded members care to hazard a guess about why this should happen? (By the way, this *was* the first letter that I received from Fr. Eckert: the mail coming into and going out of Providence can do some strange things. If you haven't heard from me after a reasonable time, by all means, try again.)

From faithful CONTACT correspondent Cathy Turner (Yonkers, New York) come three interesting newspaper clippings. The following note accompanies them:

Did you hear those pirates calling themselves RNI? Did they get media coverage! The local CBS-TV station, WCBS, had them in the lead stories for two nights on the 6:00pm news. And the even mentioned shortwave!!! Perhaps it will tickle a few people into shortwave listening. I've enclosed clippings about RNI from the NY Times.

I've also enclosed a clipping from the editorial section of a past issue of the NY Times on [Radio Free Europe and Radio Liberty], written by James Michener. (The question is, is he a SWL, and if he is, why didn't he mention short wave in his article?)

Almost inevitably, pirate broadcasters feel that they are fulfilling a need that is not being fulfilled by already existing broadcasters. In this case\*, Randi Steele, who organized the venture (based on \$100,000 of savings from him and his partners), asserted that the FCC regulations that have to do with what can and cannot be played on the air have made it impossible for radio stations to achieve any kind of individual identity; further a "pacifist" political outlook is shared by the group. So they bought a boat (a converted Japanese fishing vessel [described as aging and very rusty], and renamed by them the Sarah), sailed from Boston and arrived at a point just off Long Beach, Long Island where they lowered the anchor and began to broadcast an alternative to the "stagnant" state of NYC rock radio#.

RNI (Radio NewYork International) began broadcasting on Thursday 23 July 1987. On the ship were five transmitters and broadcasts took place on LW, AM (1620), SW, and FM (103.1). Transmitting power never exceeded 20% of the capacity of the transmitters. Still, the transmissions were heard in Boston, and as far away as Michigan. Typically, the FCC seemed to have a great deal of difficulty entering into the spirit of the thing, and so came down rather hard on the pirates. By the following Monday the Sarah was located, boarded, and shut down: another instance of how quickly the Government can move when it chooses.

The pirates had thought to avoid legal problems by securing a Honduran registry for the ship; it was thought that this would render them ex-

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\* Information for this is taken from the NY Times for 27 & 29 July 1987. Articles by Joseph Berger and Lori B. Miller.

# Why is it that pirate stations are virtually synonymous with rock-and-roll? Isn't there someone out there who believes that Joseph Rheinberger, or Max Reger, or Frederick Hummel have gotten a raw deal from the musical establishment, and wants to redress the injustice of it all?

empt from American broadcast law. The fine print in all this is that Honduras is party to an international treaty that forbids broadcast operations aboard ships. (Did you know about that treaty? I didn't, and I may say that it comes as a surprise. Does anyone have any information on this point?) With the law on their side, then, the Coast Guard boarded the ship on Monday 27 July 1987 and arrested the chief engineer (Alan Weiner) and a disk jockey (Ivan Rothstein). Pending a hearing on 27 August, both men could be liable to up to 5 years in prison and fines of up to \$250,000. The charges: conspiracy to impede the FCC (a felony) and operating a broadcast station off the shores of the United States (a misdemeanor). You will notice which of the two charges is considered the more serious...

Michener's editorial in the *Times* (5 July 1987) is actually very interesting indeed. As Cathy points out, nowhere is the word shortwave mentioned. Did you ever see *The Seven Year Itch*? At one point in that wonderful movie, Tom Ewell (his wife is out of town for the summer) tries to seduce Marilyn Monroe (she has just moved into Ewell's apartment building). In a desperate attempt to choose music appropriate to seduction, Ewell looks frantically through his record collection: "Mozart? No. Beethoven? No. Brahms? No. Stravinsky? — no, that would only frighten her." I think that the common feeling is that the word "shortwave" will frighten people away; or, perhaps, that the concept of shortwave broadcasting is so arcane that readers won't take it (or anything to do with it) seriously. Additionally, there is the very real problem that in most people's minds the concepts of SWL and amateur radio are the same thing.

Michener's editorial pleads a powerful case on behalf of RFE and RL. This is not surprising in that he is a member of the Board for International Broadcasting which oversees the the activities of RFE and RL. Some extracts:

[...] At a time when the Soviet Union is in flux; when glasnost is attracting attention worldwide+ and when tension between the superpowers remains high, it would be folly for us to retire from international debate. Fifty million listeners rely on Radio Free Europe and Radio Liberty as the major source of news about their countries.

Congress should resist attempts to cut funding for the radios++ in order to reduce the budget deficit.

RFE and RL were established in the early 1950s to provide the peoples of Eastern Europe and the Soviet Union with a source of detailed and balanced information about the events in their own countries. RFE broadcasts to Eastern Europe and RL to the Soviet Union. In 1972 the Munich-based radio stations were placed under the Board for International Broadcasting.

Unlike other Western broadcasters, these two stations focus on internal events in Eastern Europe and the Soviet Union. They have the unique mission of providing surrogate "home services" for the people of the Soviet bloc. The Soviet leaders will grudgingly tolerate Western broadcasts on world events or life in the West. But what they fear most — and have steadfastly refused to accept — is RFE and RL providing their people with information about developments at home.

For decades, the Soviet Union has conducted an intense propaganda campaign against these broadcasts. They have been denounced as "instruments of the CIA," "subversive radio stations" and as "a relic of the cold war."+++ Soviet bitterness about the stations' role has sometimes left the impression in the West that the stations must be particularly strident and "propagandistic."

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+ Indeed, when *glasnost* is no longer even being italicized, even in the *Times*(SGM)

++ The *radios*? Rather, the transmitters, surely. Yes?

+++ No source is given for these quotations.

In fact, they are among the most careful of Western radio stations, adhering to the strictest standards of journalistic objectivity and balance. The stations have enormous appeal in Eastern Europe and the Soviet Union. In many countries, RFE enjoys an influence and stature hard to comprehend in the media saturated West.

[...] RFE and RL are no more relics of the cold war than is the Atlantic alliance. Both are important mainstream instruments of American foreign policy. But the Soviet Government's monopoly on information, denial of a free press and total control of all media are relics of the Dark Ages. The most appropriate response to Moscow's increased jamming of these broadcasts would be a clear national commitment to support this vital organization, which is little appreciated in the West yet highly valued by millions in the East.

Any comments?

Finally, from *Tom Cameron* (Northfield, New Jersey), comes an interesting note which makes a point about varieties of participation in NASWA:

I frequently see reminders for more log reports, more interest in DXing, etc. I would like to remind those make the reminders that there are *SW Listeners* who only listen to the major international SW broadcasters. They would only make news for a Log if they were *off* the air. I enjoy doing armchair traveling by reading the adventures of those who do DX. So please remember there are a lot of us out here who do support NASWA spiritually and financially and try to interest others in a great hobby.

Quite right! After all, the major broadcasters count on there being a lot of people around with just the interests that you describe — we all wish there were more, indeed. The reminders are aimed (implicitly, true enough) at DX-ers, and are only meant to make them yield up their riches. (Someone once quipped that if the BBC wanted to pick up a larger audience, it would have only to do some very low-power transmitting in the tropical bands.)

## Contact Note

I am still mailing a series of forms (for reporting DX and keeping records of your listening). They're free — just drop me a note. There are 5 of them. They were printed on a LaserWriter and (if I say so myself) the look quite good. When you get yours, use them as originals from which you should make your working copies. The copies look good, too (if you use a good Xerox® machine or have the copies made by offset). This saves me having to mail out 50 copies of each form (250 total!) and saves you the postage. — Suggestions for changes, and for other forms are always welcome.

For the technically inclined, I recently came across the original article on which Radio Netherland's MICROMUF program is based. It is by R. Fricker (of the BBC External Services) and was contained in the proceedings of the Fourth International Conference on Antennas and Propagation (ICAP 85). It gives some interesting insights into the way the algorithm works, as well as the original form of the program. If you're interested, drop me a note and I'll send you a copy.



# Easy Listening

Editor: Alex Batman, 4618 Alvin Dark, Apt. 34, Baton Rouge, LA 70820

## SUNDAY

2340-2345: "DX Corner" (Radio Kiev). A brief DX spot mostly concerned with technical topics and some basic information about shortwave such as propagation and frequency allocation (13.645. Repeated at 0240 on the same frequency).

0315-0330: "Good Books" (BBC). Each week a guest in the studio discusses his choice of book with the program host. Critical analysis and relevant themes are discussed and some excerpts are read. Past book choices have included Gertrude Stein's Three Lives, Bram Stoker's Dracula and Stephan Heym's The Wandering Jew. (5.975/6.175)

## MONDAY

0230-0245: "Youth Club" (Radio Bucharest). The program consists of a series of different features all somehow relating to young people. Past programs have included interviews with students who have won academic prizes, features on young Romanian performers and artists as well as a generous helping of Romanian popular music. (5.990/9.510/9.570).

0335-0355: "Polish on the Air" (Radio Polonia). Radio Polonia's language course which each week presents a long dialogue in a given situation (such as shopping or building a kite) in Polish. This followed by the introduction of Polish words and phrases and some limited grammatical analysis; then the dialogue is repeated. I don't know whether or not there is a textbook to go with this course, but it would be very difficult to follow without one. (7.145/7.170/9.525/11.815/15.120).

## TUESDAY

2210-2215: "The Kemalist Reforms and Religion" (Voice of Turkey). This program discusses the reforms that led the modern republic of Turkey out of its medieval wilderness. Past programs have featured the introduction of the western hat in place of traditional Islamic headware, changes in the role of women in society, and reform of the alphabet. (9.560. Repeated at 0310 on the same frequency).

0145-0200: "Country Style" (BBC). Each week David Allen presents country music. Many of the performers are well-known American country stars, but quite a few of the performers are British and there are sometimes interviews with these. (5.975/6.175/9.590).

## WEDNESDAY

1110-1115: "Arts Review" (Radio Finland). This is Radio Finland's program devoted to culture in the country. Past programs have featured interviews with well-known Finnish artists and writers and this summer a number of programs have been devoted to the numerous Arts Festivals being held in Finland. In the fall this program will only air every other week, but for the summer it is weekly. (15.400. Repeated at 1210 and 1310 on the same frequency).

2310-2315: "Living Here" (Kol Israel). This program features interviews with people who have made Israel their home. Quite a few programs are devoted to kibbutzniks, and there seems to be a propensity for interviewing North Americans who have settled in Israel. One of their best programs featured the reunion of those who had aided in the then illegal immigration to Israel when the the country was still under British rule. (9.435/9.855/11.610. Repeated at 0110 on the same frequencies).

#### THURSDAY

1635-1640: "Made in France" (Radio France International). This program is actually on the "Paris Calling Africa" edition of RFI's broadcasts, but it is frequently audible in the United States. The program features French products made for export, and past programs have featured the French manufacture of sonar systems for submarines and other French high-tech products. (17.620/11.705).

2310-2320: "Spectrum" (Kol Israel). Kol Israel's program devoted to science. Each program consists of at least two short features and one longer one, all devoted to the progress made by Israeli scientists in the fields of agronomy, high tech, chemistry, physics, medicine, etc. (9.435/9.855/11.610. Repeated at 0110 on the same frequencies).

#### FRIDAY

0105-0110: "The Song of Today" (Radio Baghdad). This program features a popular Arab song, gives some information about the singer, and usually translates the lyrics of the song, and then plays it in its entirety. (11.705. Broadcast earlier at 2105 on 9.875). Daily.

0325-0345: "Japan Music Scene" (Radio Japan). Each program usually has a specific theme tying the music together--like the great synthesizer hits, jazz in Japan, popular Japanese duets, or even a single Japanese performer. Plays about four or five songs per program and songs are interspersed with brief commentary about Japan and the music scene there. (5.960).

#### SATURDAY

2230-2235: "From Turkey With Love" (Voice of Turkey). Each program is presented in the form of a letter to someone named "George" and features cultural information about Turkey. Past programs have featured a children's festival, the ruins of Ephesus, and a week long arts festival in Istanbul (9.560. Repeated at 0330 on the same frequency).

2330-2355: "Arts Roundabout" (Radio Australia). Radio Australia's weekly program devoted to Australian culture. Past programs have featured Australian opera star John Pringle, the notes Anthony Trollope made when he visited Australia, poetry and the publication of poetry in Australia, and an interview with a German born Australian writer (15.320/17.795).

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**NOW AVAILABLE:** Memberships in the World DX Club. This British-based club publishes "Contact - The Voice of the WDXC" and features many of the world's top DXers. Membership is open to all. Airmail to North America, is just \$14.00, surface mail at \$11.00 in U.S. funds. Why not check out a sample for just \$1.00. Contact WDXC's North American representative Richard A. D'Angelo, 2216 Burkey Drive, Wyomissing, PA 19610.

**WANTED:** Drake R4245, R-7, R-7a in good condition with manual and schematic. Will pay top dollar. James Kilgallen, NAVCOMSTA ROTA Box 663, FPO New York, NY 09539-3000.

# DX'ers

# Forum

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

E-Mail: ODDX or ACE BBS  
ID = Chuck Rippel  
Deadline: 17<sup>th</sup> of the month



September, 1987

Feeling like your 245th country might be "The Voice of Noise?" If your emphasis has recently been on the low bands, I can certainly understand that point of view. Take heart though, there is still DX to be found. I noted in issue #439 of F.T. that Cheryl Paszkiewicz in Wisconsin heard Voice of Kampuchean People 07/04 on 11.938 between 1246 and 1311\*. Also, Kiribati has been heard about 0119 on 14.802 USB. The point being, plan your DX activities a manner that they are enhanced around the seasonal changes of the shortwave bands. Summer is the time to target DX catches found on 9 MHz and up. Just as in the case of the lower bands in winter, seasonal propagation changes enhance the higher frequency bands during the summer making them prime hunting grounds for DX targets. Broadcasters make regular use of this technique, why not the other way around?

## Snafu Dept:

For those of you who have ordered the ODDX Country/Availability List and have yet to received it, please resubmitt your request C/O this column. It would seem that the ODDX P.O. Box was moved and a few orders were returned unfilled. If this has caused anyone delay, my apologies.

**Rowland Archer** of Raleigh, N.C. has graciously submitted the material for this month's column. A long time SWL and NASWA member since the early 70's, Rowland composed his article then took advantage of electronic text transfer to send his article in it's final form to me VIA modem. (Of course, because you read Computer Corner here in FRENDX, you know how that process works).

## On to the Middle or Life after 50 (Countries Varied)

Congratulations. You've heard and verified your first 50 shortwave broadcast countries and in the process, become a confirmed shortwave enthusiast. You've established a good foundation for logging your next 50 countries, but many aspects of DXing are about to change for you. I want to help you cross that boundary from novice to intermediate with some practical advice gained from going through the transition myself. Of course, there is no real hard boundary at 50 countries, but somewhere around that number you will start to run out of high powered international broadcasters to log and QSL, and you will need to develop a new approach to DXing to add to your Verified In Countries (VIC) total.

Here are some of the major ways in which the targets you chase will change -- not every station will change in all these ways, many will have more than one attribute of the "Second 50" column:

<u>Attribute</u>	<u>First 50</u>	<u>Second 50</u>
Quality of Signal	Like a local station	Weak, may be unintelligible
Availability	Year round	Occasional
Schedule	Regular	Irregular
Language	English	non-English
Intended Audience	International	Local
Verification Policy	Reliable	Not interested in QSLing
Time of Broadcast	Convenient for you	Late night, early morning

You will need to exercise and build on all the basic skills you have learned as a novice: understanding global time zones, basic propagation principles (which bands are active when), using reference books to aid in finding and identifying stations, writing effective reception reports. You will add to these basic skills by learning a lot about finding, logging, and verifying stations that are not audible every day, are hard to understand when you finally hear them, difficult to verify.

As I crossed into this new territory, I felt inadequate yet determined to succeed. I'd look at the loggings filling the back of FRENEX each month and wonder why I wasn't hearing all those exotic stations myself -- was I doing something wrong? Did I need to spend another \$1000 on a receiver? Did I need to wire my whole neighborhood into a giant antenna? The most fundamental advice I can give you is: "if it's easy to hear it isn't rare!" From 50 VIC to 100 VIC is tough, from 100 to 150 is tougher, and there is no way to make it easy short of travelling to all the countries you want to log, and that's not DXing!

Some of the topics I wish I had better advice on early in my DXing career include:

- \* **Bagging the Weak Ones:** Digging them out of static and pileups.
- \* **Radios:** What do you really get for a kilobuck?
- \* **Antennas:** Can you hear 100 countries on an indoor antenna?
- \* **Languages:** How to enjoy listening to hundreds of hours of people talking in a language you don't understand.
- \* **Advanced Tuning Tips:** Wringing the last drop out of your receiver.
- \* **Accessories:** Which ones really aid the DXer?
- \* **Station Hunting:** Bandscanning versus targeting.
- \* **QSLing:** What works; what's just throwing your money away?
- \* **Propagation:** Beyond the basics without a PhD in physics.
- \* **Character Building:** Patience, persistence, and staying awake.
- \* **Organizing your DX:** With and without computers.

I can only cover one or two topics this month but I'll submit articles on more of these topics in the months ahead and Chuck can use them as he sees fit. I invite other DXers to write on the practical, behind the dials aspects of the hobby -- personally, I'd like to hear from some of the experts on how they got beyond the intermediate stage! (That's the "Forum" idea! ED)

### Bagging the Weak Ones: Digging them Out of Static and Pileups

One of the biggest changes from the first 50 to the second 50 countries is the quality of the signal you have to work with. Your first 50 is filled with powerful major broadcasters like the VOA, BBC, and Radio Moscow. These may not come in as well as a local FM station, but you can usually sit back in your chair and listen comfortably, perhaps missing a word a minute to static or fading under poor conditions.

This situation reverses itself in the tougher second 50. You may feel lucky if you can understand one word a minute! This is the turning point in which you will find out if DXing is really for you. The thrill of

hunting and finally hearing a station that is difficult to log must override the fact that you may not be able to understand the content of the program being broadcast. Personally, I believe that the line between Short Wave Listening and DXing is a fuzzy one, and I have heard many exciting programs while DXing. On the other hand, as a DXer I have also spent a lot of time listening to signals that, if played for my spouse or neighbors, would make them have serious doubts about my sanity! Much DX sounds to the uninitiated like "nothing" or "noise." Enjoying DX is akin to the bird watcher's thrill on sighting a brief glimpse of a rare bird's wing before it flies away, or the small telescope user's joy at seeing a new galaxy or nebula, which doesn't look like the pictures taken at Palomar at all, but rather like a small blur or smudge of light.

All this is to say that part of the reason you may not be hearing the stations that more experienced DXers are logging and reporting to FRENDX each month is that you are tuning to the right frequency and the station you are seeking is there, but the quality of the signal is much poorer than anything you are used to hearing and you are giving up on it too easily. Try this exercise some evening or early morning on the 60 meter band: set your receiver to a single sideband mode (either USB or LSB) and tune across the band slowly. You will hear hetrodynes that drop in frequency as you tune higher, disappear at a point on the dial, and then increase in frequency again as you continue to tune. At each point where a whistle disappears, zero beat, a station of some sort can be found. It may be a utility station broadcasting radioteletype or some other encoded data, but often it will be a domestic or international broadcaster. Stop at that point and try to hear what's there. You might want to stay in single sideband mode and tune your radio's RIT (Receiver Incremental Tuning) or Fine Tuning control to find the exact center of the whistle (the "zero-beat.") Or, you may choose to flip back to AM mode and see what you can hear there. Some of the signals will be too weak to hear, but most of the time you should be able to make out something. Stick with each signal for several minutes if necessary. You should be able to determine what type of signal is there at least 8 times out of 10 (not necessarily a station identification, but decide if it's a broadcaster or utility or whatever).

You've just used a basic DXing technique. Tuning in SSB mode makes it easier to pick out where there's a signal strong enough to tickle your receiver's front end into action. Many times you will find that you can just tell that "there's something there," but the intelligibility of the signal may be only enough to distinguish music and voice, or perhaps male from female voices. When you come across a signal that is struggling against the static to be heard, there are ways to tweak it for maximum intelligibility which I'll discuss in a later article, but for now there's a very simple and effective technique: apply time to the problem! Stick with the station and see if reception conditions get better.

During a daily reception cycle, most DX signals fade in (go from inaudible to audible) and then fade out again (go from audible to inaudible) over a given period of time, sometimes as short as a few minutes or even seconds, and other times as long as several hours. This is in contrast to international broadcasters who are usually audible at a fairly constant level for the length of their broadcast on a given frequency. Because of this fade-in/fade-out effect, it is important that you stay tuned to a station once you locate it and note if it is getting stronger over time. It may be getting weaker if you've tuned in after it peaked in strength, but you must stay with it until the trend is clearly established. Changes are usually gradual, but can sometimes be rather sudden. Often a signal will get noticeably stronger over a period of 15 minutes or so, stay that way for 15 to 30 minutes, then start weakening and return to being essentially unusable in another 15 minutes.

Another major reason to stick with a signal even if it appears to be very poor at the moment is that some announcers or program material may be radically easier to understand and log than others on the same station.

even though the absolute signal strength and signal to noise ratio stays constant. There are a variety of reasons that this can happen: an announcer with a high-pitched voice may be easier to hear than one with a low-pitched voice or vice versa. The degree of modulation (amplitude of the voice component of the signal) often varies considerably from one announcer to another. A pre-recorded or phoned-in segment will sound different from a studio segment. Music is usually easier to hear than voice. A canned station identification or jingle may jump out at you after struggling without understanding a single word of a 15 minute talk.

If a station is just on the verge of audibility, it may fade-in for a few seconds or minutes, then out for an equal time, then come back again, etc. Once again, patience in staying with the station is the key to making a reliable logging. For example, I heard both Radio Dublin and Radio Cook Islands only by camping on their frequency and listening to literally nothing but noise for minutes at a time between snippets of programming that made it through. If I had given up because there was nothing there when I tuned in I would have missed the loggings and subsequent QSL's completely. I once heard the Voice of Indonesia fade in only long enough to hear the station identification ("This is the Voice of Indonesia...") and then it was gone, not to be heard from in that frequency for 6 years, but then for 90 minutes!

A pileup of two or more signals on the same channel adds another element to the challenge. This is something of a mental exercise in which you must concentrate on one of the signals and ignore the other(s). Knowing what characterizes the program content of the signal you are seeking out is a big help: what language are you trying to hear? Is there an identifying bell or series of tones played on the hour? What kind of music is played? Are the announcers calm or frenetic? Another helpful approach in a pileup situation is identifying the interfering signal then finding it on a parallel, clear frequency that you can check for reference. For example, the BBC and RIAS West Berlin both occupy 6005 kHz in the evening here. You can find the BBC on 5975, a clear channel, and by flipping back and forth between 5975 and 6005 you can identify the BBC component of the 6005 pileup, leaving the RAIS signal as the one to concentrate on. (not a guarantee by the way, you must hear the RIAS ID!). Even using these techniques, it's still easy to get fooled and is not uncommon to find out the signal you've been concentrating on for the last 20 minutes is the wrong one. Chalk it up to experience and try again.

---

NO COLLECT CALLS ON THESE ADS, PLEASE.

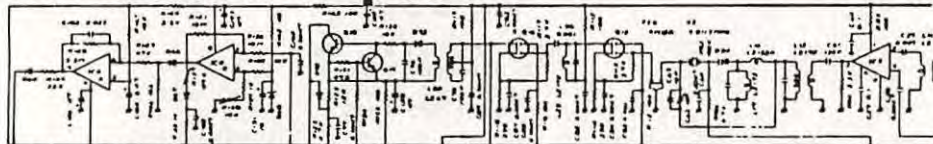
FOR SALE: Eavesdropper SWL antenna. Nine-band twin lead. Originally \$59.95. New in box for \$49.00 UPS paid. Money order only. Dan Pennington, 7511 Hetzler Road, Middletown, OH 45042.

NOTICE: I am interested in contacting anyone who collects authentic, world-wide folk music on disc or tape. All letters answered. Maj. Pat V. Conte, Ret. 89-39 114 Street, Richmond HL, NY 11418.

FOR SALE: Customized Beam Headings (from/to) and Distances (Mi/Km) to over 415 WRTH-87 transmitter sites. Useful in picking alternate transmissions and selecting listening times based on distances. ITU Country Codes included. Send your location/coordinates, \$5.85. Sony ICF6700W, \$135.00. FRENDX complete '84, \$5.00. Gilfer Confidential Frequency List and Guides to RTTY Frequencies, \$4.00 each. All items include shipping. Cashiers check or money order, please. Al Drehmann, Route 2, Box 3-B, Tryon, NC 28782. Phone (704) 894-3398.

FOR TRADE: Have most; y complete issues of QST 1956-65. List available for SASE. Make offer. IRC's, U.S. stamps (gummed/ungummed), Halli-crafter and other "low budget" receivers, any type of radio that receives SW, OR? Tom Mooningham, P.O. Box 1758, Frederick, MD 21701.

# Technical Topics



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

## RADIO DAZE OR THIS AND THAT

August is usually, for one reason or another, the busiest month of every year for me. And with each passing year it gets busier. So is it any wonder that I call up BILL OLIVER with a weak and tentative voice... "Er, Yo Bill!!! Whenzadadeline???" Anyway these lapses in journalist research and lead time lend themselves to a cleaning out of the incoming data bin. Lets just see what surfaces in the old editors mind and mailbox for this issue.

### MOBILE POWER PROBLEMS

If you like me, every now and again you find reason or desire to use your receiver in your car. Pocket rockets and battery powered portables do the trick. You can even alligator clip your way to an outside antenna. Power is almost never a problem cause you have a whole lead acid battery full at your disposal. A neat little goodie that is on the market under several brand names is a power converter. Its a device that plugs into the cigarette lighter, sucks up twelve volts, and converts it into one of several voltages and polarities to suit the needs of your equipment. Most come with a variety of plugs and jacks to get the power into your system correctly. These power boxes are great things but they are almost too universal in nature. One box available has four voltages and a polarity switch. Now here comes the problem. You need 6 volts with a negative polarity for your HAWKAZOOMIE 3000XYZ receiver. You set the switches, plug it in, and go on down the road digging DEUTSCHE WELLE. You turn your back for one second and some gremlin or another MOVES THE SWITCHES!!! Now you have nine volts and reverse polarity hitting the Hawkazoomie's power plug. Instead of DW you hear a hiss followed by a pop. You are out several C notes worth of radio due to a weakness in a \$12.95 power supply.

What is a mobile DXer to do?

Once again, if you like your humble editor, you probably only have one rig you want to use in the car anyway. All you need for added protection is to set the switches on the power box to where you want them to stay and (drum roll please) glue them in place with a drop or two of silicon cement/sealer. You know, that "gorilla snot" you use to caulk around bathtubs and such. The advantage of this goop is that it will hold the switches in place but should you need to make a change of position in the future, it can easily be pulled off. This little goopy modification will save you more than a few headaches and trips to the repair bench. You can send in the money you save in the form of a donation to the UNCLE SKIP DEFENSE FUND for the next time I need to get bailed out of jail after a radio convention party.

### FALL CLEANING

It is time for my annual admonishment to get you folks off your duffs to go check out your antennas for the coming DX season. If your feedline is more than five years old you should consider replacing it. Any soldered connections that are subject to the weather should be examined for corrosion, resoldered and resealed. (you still have 3/4 tube of silicon seal left from the above mentioned project). Clear any overgrowth and branches from your antenna area. Most important, CHECK YOUR GROUND WIRE AND GROUND STAKE!!! Get everything sorted out now so you will have a blissful season of shortwave listening.

Yeah, and before you write to tell me I told you to do all this stuff in the Spring, think of how many of the Spring projects still aren't done around your house.

CATALOG CORNER

JOHN J. MESHNA JR. INC.  
19 Allerton Street  
Lynn, MA 01904  
(617) 595-2275

I have yet to find a practical use for anything in the Meshna catalog. BUT!!! I have bought something out of every single issue since 1975. Over the years I have acquired a great deal of electronic junk. The Meshna catalog simply allows me to choose the junk I will have laying around. Who can resist owning a PDR27 Military Radiation Meter. Just the ticket for comparative studies of Electro Magnetic Pulse and Fallout should they ever drop the big one. Several pages of meter movements. All kinds of conversation pieces.

HEATHKIT  
HEATH COMPANY  
Benton Harbor, MI 49022

This is a catalog I used to buy something out of every time it came. With the exception of great prices on test gear there is little for Heath to offer the Dyer. They still list the SW-7800 Receiver but at \$299.95 there are many better deals for the money. They do list a reasonably priced active antenna (HD-1422 \$49.95) and a ULF converter (HD-1420 \$49.95)

Actually Heath does list a large number of programmed educational courses in their catalog that are just the thing for someone who is seeking to learn more about electronics. Their Basic Electronics Series is about as good as anyone's and they have a trainer breadboard available to allow you to do various experiments to re-enforce the learning experience.

UNIVERSAL SHORIWAVE RADIO  
1280 Aida Drive  
Reynoldsburg, Ohio 43068  
(614) 866-4267

I keep threatening to stop talking about FRED OSTERMAN'S operation until he sends me a NRD-525 gratis. But how could I possibly deny my readers access to one of the best one stop shopping centers for DXing. Fred lists everything you need to hear what is out there from antenna through to headphones. This latest edition includes the new GRUNDIG portables. Yo Fred, if you can't spare the NRD I can live with a SONY ICF-2002. How about a SANGEAN SG-792? Would you settle for a roll of COAX-SEAL???

SOAPBOX

This section of FRENEX has been a little short of receiver reviews lately. I can get all the professionally printed receiver stuff I want. BUT!!! What I would like to put in Technical Topics is our readers honest appraisals of the practical aspects of their equipment. I've reviewed all the radios I own (that is until Fred sends me that NRD, right Fred?) Send your likes and dislikes into your humble editor and you may even get an official UNCLE SKIP ATTABOY suitable for framing.

WHAT KIND OF MAN WRITES TECHNICAL TOPICS?

I am 34, married, I have one son and a second one on the way. I am employed in social service by The State of New Jersey. I am also in the United States Army Reserve. In addition to Radio my hobbies include computers, motorsports, long intellectual discussions with JON COHEN, BILL OLIVER and CHRIS HANSEN (though seldom with all in the same room at once) and foreign beer.

Keep those cards and letter coming in folks.

73,

*Ship*  
WB2GHA

# NASWA Awards Program

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

Greetings and welcome to the September edition of the NASWA Awards Page. The following folks received NASWA Awards during the month of July 1987:

Dustin BRANN, San Leandro, CA: World Wide DXer

Joe FARLEY, Downers Grove, IL: All Continent "QRQ" DXer (5 KW)

Hans JOHNSON, San Angelo, TX: South American Continental DXer

Brian W. LAWRENCE, Walnut Creek, CA: Maple Leaf DXer, Australian DXer

John M. WILKINS, Wheat Ridge, CO: Australian DXer 10 station endorsement

## \*\*\*\*\* kap's KOMMENTS \*\*\*\*\*

A rather light turnout this time around, tis the season I suppose.

Thanks to all for the suggestions regarding new Awards. They are in the design stage now and we hope to be able to announce them soon.

The Fine Tuning organization has announced a rather neat Country Counting booklet that also doubles as an application for various NASWA Awards. An SASE/IRC to 8515 Scott, Wichita, KS 67210 will get you information on it as well as other FT Publications. As we mentioned several months ago FT is now open to all interested.

Our congratulations (?) to ANARC Chief Don Hosmer for obtaining the first (and surely only) McNASWA Award for his rather interesting verification. What next, Don, cordless phones?

Some folks have asked about the Ham Radio Special Event Stations that are often listed in the likes of CQ and QST Magazines. We have found that most of these operations will issue their Certificates or special QSLs to SWLs. We spent a bit of time chasing W87PAX, the Pan American Games Special Event Station and hope to get their Certificate.

We still have the Official NASWA Country List and Awards Booklets available; \$2.00 in North America and \$3.00 elsewhere. Yen notes will be accepted from certain Canadian DXers.

Hopefully many of you heard the special ANARC Convention Broadcasts on CRFX. We understand that the QSLs will be going out in early September.

Rather strong rumor has it that there will soon be a SWBC station in Aruba. Under current NASWA rules this would count as Netherlands Antilles (same as Bonaire), but it is quite possible that there may be a change and Aruba will be considered a separate Radio Country. The same should hold true if the proposed Curacao operation ever gets on the air.

It is rather unfortunate that WCSH chose to go the no-data QSL route. Perhaps if they receive polite requests they might change this policy.

Our policy for accepting no-data QSLs for Awards purposes is that if the applicant in good conscience feels that the card does in fact QSL a certain report and backup in the form of a solid logging is available the QSL can be counted. Back in 1983 Deutsche Welle did issue full data cards as part of their anniversary, perhaps they might do it again in 1988.

Also, full data QSLs have been coming from the BBC Singapore site, but we don't know how long this will continue. With any luck when the BBC Hong Kong site goes on the air they will issue full data cards also.

Till next time, *BEST (Kap) 8/24/87*

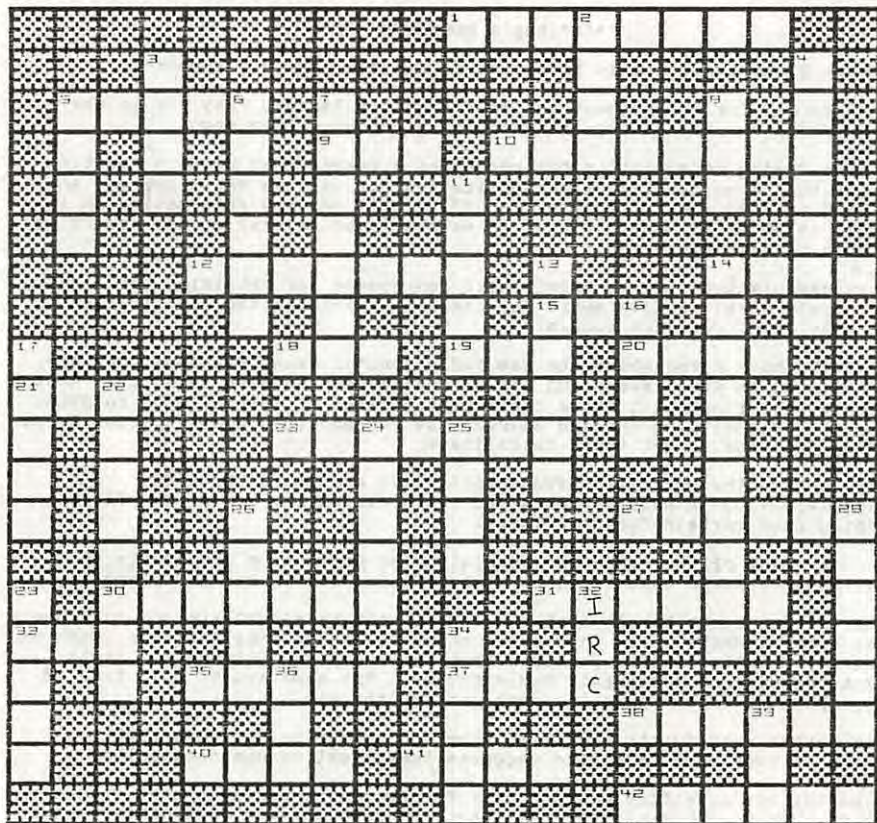
# Computer



# Corner

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

AND NOW, FOR SOMETHING "DIFFERENT"...



## ACROSS CLUES

1. NASWA U.K. Rep
5. QSL Reports editor
9. fills in for Henault
10. Log C editor
12. issues WDX calls
14. edits DXtra
15. Radio DataBase Int'l
18. response to correct reception report
19. Association of Clandestine Enthusiasts
20. cable from antenna to radio, thick & (usually) black
21. Singleside Band
23. Makes the R-5000 receiver
27. Helps protect against lightning
30. what you need to hear signals with!
31. SWL Store in New Jersey
33. International Listening Guide
35. touches up the antenna
37. Newark News Radio Club
38. Glenn .....
40. International Radio Club of America
41. editor with ham call WB2GHA
42. editor of Computer Corner

## DOWN CLUES

2. edits Contact
3. World Radio TV Handbook
4. Distributing editor
5. Log B editor
6. publisher of FRENEX
7. The NASWA Awards Chairman
8. Voice of America
11. our Mid-Month Newsletter
13. name of this rag
14. what you had BETTER use to keep the family happy!
16. makes the R70-71 rigs
17. American Shortwave Listeners Club
22. a l-o-n-g antenna
24. name of OUR Club!
25. Old Dominion DX Association
26. Made the FRG-7 receiver
28. 1986 ANARC Man of the Year
29. SWL publisher in Wisconsin
32. International Reply Coupon
34. Association of North American Radio Clubs
36. National Radio Club
39. what we are!

---

Well, I hope that was not too difficult for you seasoned SWLs! Thought it would give you a nice change of paste for the month! The puzzle was created on an IBM clone using the CROSSWORD MAGIC software. Nice!

---

ANARC BBS DOWN!

In a note from Bill Cole, it is announced that the ANARC BBS is down for awhile. Seems a bug in the C128 ROMs (Read Only Memory) causes the bbs to crash. Time for some of Bill's great bug killer! But have no fear, the ANARC BBS will be back up soon. Stay tuned for more details!

---

HELP DEPT!

Do YOU know of any radio related BBS? Why not tell the rest of us about them? Drop me a note in the mail, or leave E-Mail on ACE BBS or ODDX BBS (TOM MCELVY) and let me know! Let's give the hard working Sysops some advertising!

---

Well, guess that just about does it for the month. Summer months are SOOOOO slow! The heat is up, and noise just jumps out of my Icom, even with it off! So, I guess I will bid farewell, till next month! 73 & Good DX!

*Tom*



# Listeners Notebook

GLENN HAUSER, Box 490756, Ft LAUDERDALE FL 33349

NEW ADDRESS EFFECTIVE 1 OCTOBER: Box 1684, ENID OK 73702

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AFGHANISTAN ES to SEAs/FE now hrd on 17655 & 15255 at 09-1030, both via USSR xmters. However, R Afgh still ancs wrong fqs; 6/7 hrd ancy 17720 15435 9635 6085 4450! Of course, R Afgh is famous for ancy wrong fqs or outdated ones. Pging put out is extremely boring w/nx, commentaries filled w/propaganda praising the Revolutionary Council of PDRA headed by Najibullah. Perhaps the only bright spot is the exotic Afghan mx. Kabul City svc beamed to nearby areas now hrd: 0130-0230 6125 4775, 1230-1530 6105 4775 in Pashto, Dari, Urdu etc. 7/7, Kabul carried Dari to Eu on 4775 at 1730-1830 (Sarath Weerakoon, Sri Lanka, May-July Union of Asian DXers) DS relays from USSR noted: 0130-05 11820 9755. 05-09 17655 15255. At 09 into ES on same fqs. 1230-1730 17655 and 11805, as of 14/7 (Victor Goonetilleke, ibid.)

Since 3/5, R Afgh ES to Eu hrd on 11755 9665 instead of 9530 7160. The AR 17-1730 now hrd on 15520 11890. 07-09 Pashto/Dari S&SEAs 17655 15255 4450. 09-1030 EG SEAs /FE 17655 15255 4450. 1230-1430 Urdu SAs 17655 11805 4450. 1430-17 Pashto/Dari SAs 17655 11805 4450. 17-1730 AR ME 15520 11890. 1730-1830 Pashto/Dari, 1830-19 GM, 19-1930 EG Eu 11755 9665 9610 (irregular) (Nagoya DX Circle, via June Indian DX Club International Asian DX Review) Not at all clear what the "(irregular)" applies to--9610 only, all fqs at 19, all xmsns from 1730-1930?? (gh) Most, if not all of these xmsns believed to emanate from USSR (NDXC via R Australia Japanese DX Time, undated)

ALBANIA R Tirana, DS: 03-22 on 5057 1089 + FM; in Albanian. Pgms incl: 0430-0435 M-Sat & Sun w/nx at 0430-0445, Encyclopaedic Calendar; Sun 0815-0830 Radio Encyclopaedia. Sun 1130-12 Armed Forces' Pgm. 2155-22 Pgm Pvw (WBI 24/7)

ALGERIA [Cf May LN] Am puzzled as to why WBI didn't include 17745 for RTA ch 3 in FR. Has been used for quite a while. From about Feb thru late Apr or early May, 17745 reception often quite good here; admittedly poor since. Looking thru my log, all fall in 1330-19 period; unsure of total span of RTA on fq. Wonder why WBI slipped up on this one, but am glad to have access to WBI thru LN (William Westenhover, Montréal PQ, 9/6)

AUSTRALIA R Australia, Shepparton on 15240: very interesting reception test: until 0100 beams to SAs on this fq, SIO 444. Then switches to Pac antenna and I hear echo, using longwire or whip ants. When I used my 3-element yagi and beam long path over Eu/USA to Au I get 444 sig w/out echo. When I beam direct to Au I get an echo. This is because the LP sig is stronger than SP. Thus when I beam LP, the stronger sig combined w/the effect of the beam --front to back ratio--, the ant doesn't pick up the weaker SP sig and also

the stronger LP signal suppresses the weaker SP signal. When I beam direct the beam ant picks the signal as propagation is good on the SP also and the better LP sig is still picked up by the beam ant tho weaker. Thus both paths being audible resulting in the echo. This echo takes place when propagation is possible on both paths. I find that being a radio ham using beam antennas for SWBC DXing is a tremendous thrill. Like the MW loops you can cut out QRM etc. Only thing is HF loops and beams are big and the real effects can be got with more effort than building a MW loop (Victor Goonetilleke, 4S7VK, May-July UADX)

The inland SW svc, VLM, VLQ and VLW, started going 24h from yesterday, 1/8. Brisbane VLM 4920 and VLQ 9660 will be 24h. Perth VLW 6140 0945-01, VLW 9610 24h, VLW 15425 21-0945 (RA Talkback 2/8 via WBI 7/8) What about VLX? (gh)

B A N G L A D E S H Dhaka has been using 6215 for HS 1230-1715 after a disastrous shortlived sojourn on 6195 during May/June obliterating BBC WS. Obviously BBC would have lodged a protest with Dhaka! HS now sked: 00-03 4880, 03-09 on 7080, 1130-1715 4890, 1230-17 unfound at this time (Sarath Weerakoon, Sri Lanka UADX May-July) Pity it was my job as BBC's Colombo monitor to inform them via cable! 4880 nom is measured on 4878.9 and latest monitoring shows the 1130-1715 xmsn is also on 4878.9 instead of 4890. As of 1322 15/7. Subsequently the 1230-1715 noted on 6220 (Victor Goonetilleke, SL, ibid.)

B H U T A N Bhutan BCng Svc currently providing G sigs thruout SAs, espily in eves, sked Sun 06-09, M-Sat 11-14 on 6035. Last 30 min in EG. BBS f/in 1130 to 1400 s/off. Now free of USSR HS ORM but some peculiar noise hrd on fq every evening spoiling reception. Per info from Thimphu, BBS plans upgrade to 50 kW. Another report says 9615 (Sarath Weerakoon, SL, UADX May-July) As of 15/7 1340 still on 6035. Move to 31mb may give worldwide DX possibility depending how clear fq is. And if someone is thinking that Victor's juniors are pasting BBS QSLs in their scrapbooks, forget it. I have yet to QSL this. Reported it a decade ago when it first appeared. In fact they played my musical request but never got the QSL! These days we hardly ever collect QSLs. After all, I know I heard it!! (Victor Goonetilleke, Sri Lanka, May-July UADX)

B U R M A Burmese Armed Forces stn in Taunggyi is providing staggering reception on new 6570, 1030-1330. Not much talk but a lot of lovely music. Indigenous as well as lcl versions of western oldies etc., obviously for the listening pleasure of armed forces personnel. Believed new xmtr different from old one on 5060 which isn't now hrd. Burma was also reported a year ago to be shopping for a 10 kW xmtr. Perhaps that is what we hear on 6570 (Sarath Weerakoon, SL, UADX May-July) From my xmtr experience I feel it is a new one because of good modulation, stability, and superb strength. Should reach NAM w/out any problem unless there is a big ute sitting on it (Victor Goonetilleke, SL, ibid.)

C A M E R O O N R Cameroon, Yaoundé, reportd 18/7: Presidential Decree fixing new working hours in public svc comes into effect 20/7. In order to enable you to reach your working places on time, R Cameroon's morn pgm has also been modified slightly. New nx sked: Mon-Fri first bilingual [ FR & EG] bulletin at 0430, and nx in both langs at 06. Sat, first bulletin at 05; EG at 06, FR 07. Midday FR nx now 12 ex-1230; rest unchanged (WBI 24/7)

C A N A D A RCI S87A effective 6/9 to 26/9 shows few changes in EG; 01-0129 Lam on 11940 11845 9535. M-F 1157-1259 11855 ex-11955 to USA // 9625 and to Carib 17820. 2130-2159 Af on 11835 ex-11945, // 15150 17820. 23-2329 Carib on 11730 ex-11710 // 9755 [due to QRMoscow from Cuba]. Note three of these changes affect SWL Digest. S87B brings further changes due to end of DST in Eu, effective 27/9 to 24/10. M-F 0615-0630 & 0645-07 Eu 9760 6140 D7155 D6050, ME D15235 D11840, Af D9740. 1545-16 Eu 17820 15325 D11935 D9555 S15215 S11915. M-F 20-2029 17875 15325 15140 11945 D7235 D5995. M-F 21-2129 & Sat/Sun 21-2159 Eu 15325 11945 D7130 D5995. 2130-2159 Af 11880 15150 17820. M-F 22-2259 Eu 9760 11945. D=Daventry, UK; S=Sines, Portugal relays; rest Sackville NB (gh)

C H I N A Guangdong PBS, Canton reported 16/7: Guangzhou relay stn of China Intl Bcing Stn will begin EG pgms 18/7 on 600 kHz at 22-24, 03-04, 12-14 UTC. At other times, stn'll relay pgms from CPBS. In addn to bcing up-to-minute nx, commentaries and wx forecasts, CIBS's EG svc will also carry spl feature pgms, incl Economic Horizon, China Reconstructs, In all Parts of the Motherland, Tourism, One Sentence a Day, Chinese lang lessons, folk tales, culture, sports.

[BBCMS ed note: EG pgms are bc for Peking area on 1251 kHz; presumably Canton xmt'r'll relay these) (WBI 24/7) When I was there last Oct, EG from Beijing already carried on 1584 kHz; nothing new; whilst 1251 kHz Beijing was being phased out in favour of FM (gh)

Below complete R Beijing ES sked in compact form is valuable and welcome but timing is unfortunate as NAM svc fqs at least changed in early Aug as may have many other svcs, if not in Sept (gh)

## EAST ASIAN DX NEWS

ASIAN BROADCASTING INSTITUTE

Aug. 14, 1987

compiled and translated by Tetsuya Kondo, Japan

### CHINA (PEOPLE'S REPUBLIC)

Monitorings for R. Beijing shows that it broadcasts on the following frequencies starting on May 20. Those include frqs for relay to transmitting stns, which have alternated in mid-June.

00-0030 Hakka 15330, 12015, 11455, 9530, 8260, 7590, 7190, 6165, 6140, 6075. 00-01 Eg 15445, 11660. 00-01 Portuguese 11755, 11650, 7420. 00-01 Sp 17680, 15600, 15180, 15120, 15100, 12450, 11695, 11445, 9945, 9570. 0030-01 Chaochow 15330, 12015, 11455, 9530, 8260, 7590, 7190, 6165, 6140, 6075. 01-02 Cantonese 17533, 15600, 15445, 12055, 11695, 11660. 01-02 Sp 17680, 17650, 15280, 15200, 15180, 15120, 15100, 12450, 15445, 15435, 12055, 11695. 02-03 0200-0300 St.Ch. 17533, 15600, 15445, 15435, 12055, 11695. 02-03 Sp 17680, 17650, 15280, 15200, 15180, 15120, 15100, 12450, 15445, 9945, 9570, 8425. 03-04 Cantonese 15600, 15100. 03-04 Eg 15445, 15280, 15180, 11970, 11660, 8425. 03-04 Rus 15435, 11755, 11515. 04-05 St.Ch. 15600, 15445, 15100, 11970, 11660. 04-05 Eg 15280, 15180, 8425. 0830-0930 Indo 17680, 15600, 15135, 12450. 0830-0930 Eg 15440, 11755, 11455, 9700. 09-10 St.Ch. 15320, 15260, 15165, 15155, 12015, 11945, 9945, 9575, 9480, 8450, 6810, 6075. 0930-1030 Eg 15440, 11755, 11455, 9700. 0930-1030 Malay 17680, 15600, 15135, 12450. 0930-1530 Jp 11515, 7295, 4960, 3960, 1044. 10-11 Cantonese 15165, 9945, 9575, 6825. 10-11 Hakka 15320, 15260, 12015, 11945, 6810, 6075, 5295. 10-11 Rus 15300, 15180, 9860, 9725, 9480, 7820, 7120, 6560, 4620. 1030-1130 Kampuchean 11695, 11455, 9440. 1030-1130 Indo 17680, 15600, 15135, 12450. 11-1130 Esp 9480, 6955. 11-1130 Sp 11735, 9860, 5250, 4130. 11-12 Cantonese 15320, 15260, 12015, 11945, 6810, 6075, 5295. 11-12 St.Ch. 15155, 11650, 6825. 11-12 Eg 9535. 11-12 Mongolian 5850, 5145. 11-12 Rus 9725, 7820, 7120, 6560, 1521, 1314, 963. 11-12 Vt 11725, 9945, 9605, 8345, 1296. 11-13 Kor 5975, 4620, 4020, 1017. 1130-12 Burmese 11695, 11455, 9880, 7590, mw. 1130-12 Sp 11735, 9860, 5250, 4130. 1130-12 Filipino 15135, 12450, 11660, 11445, 1341. 1130-12 Thai 7350, 7190, 6290, 6165. 12-1230 Filipino 15135, 12450, 11445. 12-1230 Thai 7350, 7190, 6290, 6165. 12-13 Amoy 15320, 15260, 12015, 11945, 6810, 6075, 5295. 12-13 Cantonese 11735, 9860, 5250, 4130. 12-13 Eg/to Am 11650, 9535, 6825. 12-13 Eg/to Asia 15280, 11755, 11660, 11600, 1341, 1251. 12-13 Kampuchean 11695, 9440, 8260, 1080. 12-13 Mongolian 5850, 5145, 4883, 4815, 1314. 12-13 Rus 1521, 963. 12-13 Vt 11725, 9945, 9605, 8345, 1296. 1230-1330 Lao 7350, 7190, 6290, 6165, 1323. 1230-1330 Malay 17680, 15600, 15135, 12450. 13-1330 Burmese 11695, 9880, 7590, 8260, 1197. 13-1330 Esp 15385, 11650, 6825. 13-14 St.Ch. 15320, 15260, 12015, 11945, 6810, 6075, 5295. 13-14 Eg 15280, 11755, 11660, 11600, 1341, 1251. 13-14 Rus 7820, 6560, 5850, 5145, 1521, 1314, 4883, 4815, 963. 13-14 Vt 11725, 9945, 9605, 8345, 1296. 13-15 Rus 1521, 1314, 963. 13-15 Vt 11725, 9945, 9605, 8345, 1296. 1430-1530 Sinhalese 11675, 7590, 6810. 1430-15 Filipino 15135, 12110, 11660, 11445, 6590, 1341. 1430-15 Tamil 11575, 9457, 5250, 4130. 1430-15 Turkish 15180, 11905. 1430-1530 Lao 7350, 7190, 6290, 6165, 1080. 15-1530 Bengali 11755, 9625, 7080, 6550, 1206. 15-1530 Nepalese 11675, 7260, 1269. 15-1530 Pashto 11575, 9880, 5250, 4130. 15-16 St.Ch. 11685, 9565, 9457, 6590, 5295, 4020. 15-16 Eg 15165, 11600, 4200. 15-16 Hindi 9920, 7165, 6810, 1323, 9490(x), 7170(x), 5935(x).

15-16 Rus 11650, 9765, 9340, 7820, 7375, 5850, 5145, 4620, 1521, 1314; 4883, 4815. 15-16 Vt 11725, 9945, 9605, 8345, 1296. 1530-16 Bengali 11755, 9625, 7080, 6550, 1206. 1530-16 Nepalese 11675, 7260, 6290, 1269. 1530-16 Pashto 11575, 9880, 5250, 4130. 1530-16 Persian 11515, 9440, 6955. 16-17 Hakka 9900, 7260. 16-17 Eg 11600, 9570, 5250, 4130. 16-17 Hindi 9920, 7165, 8345, 1269. 9490(x), 7110(x), 5935(x), 4035(x), 594(x). 16-17 Rus 12010, 11750, 11650, 9965, 9765, 9670, 9600, 9340, 9290, 7820, 7700, 7470, 7375, 6974, 4200, 1521, 1314; 4883, 4815. 16-17 Vt 8450, 7360, 6185, 6075, 1296. 16-1630 Swahili 9625, 9457, 8660, 7185, 4070. 16-1630 Turkish 11515, 9440, 6955. 16-1630 Urdu 11685, 11445, 9560, 6810, 1323. 1630-1730 Arabic 11515, 9440, 6955. 17-1730 Swahili 9625, 9457, 8660, 7185, 4070. 17-1730 Hausa 11685, 8260, 7315. 17-18 Cantonese 9900, 9560, 8345, 7260. 17-18 Eg 11600, 9570, 5250, 4130. 17-18 Rus 12010, 11750, 11650, 11500, 9965, 9765, 9670, 9640, 9600, 9340, 9290, 7820, 7700, 7470, 7375, 6974, 4200, 1521, 1116. 1730-18 Turkish 11515, 9440, 6955. 1730-18 Hausa 11685, 8260, 7315. 1730-1830 St.Ch 9880, 7800, 7350, 7185, 5295, 4020. 18-1830 Bulgarian 9945, 9785, 7820. 18-1830 Persian 11515, 9965, 9440, 6955. 18-19 German 11500, 9850, 5250, 4130. 18-19 Rus 12010, 11750, 11650, 9820, 9720, 9670, 9640, 9610, 9340, 9290, 7700, 7375, 6974, 4200, 1521. 1830-19 Bulgarian 9945, 9785, 7820. 1830-19 Italian 9965, 9365, 8450, 7470. 1830-1930 Arabic 11515, 9440, 6955. 1830-1930 French 9880, 7800, 7350, 7185, 5295, 4020. 19-1930 Albanian 9965, 9365, 8450, 7470. 19-1930 Czech 9290, 8260, 7700, 7375, 7360. 19-1930 Romanian 9945, 9785, 7820. 19-20 Cantonese 9610, 9340, 8660. 19-20 Eg 11500, 9850, 5250, 4130. 19-20 Portuguese 11685, 9900, 9560, 8345. 19-20 Rus 12010, 11750, 11650, 9820, 9720, 6974, 4200, 1521. 1930-20 Albanian 9965, 9365, 8450, 7470. 1930-20 Czech 9290, 8260, 7700, 7375. 1930-20 Romanian 9945, 9785, 7820, 7360. 1930-2030 Eg 11515, 9440, 6955. 1930-2030 French 9880, 7800, 7350, 7185, 5295, 4020. 20-2030 Esp 9965, 9365, 8450, 7470. 20-2030 Polish 9290, 8260, 7700, 7375, 7360. 20-2030 Serbo-Croat 9945, 9785, 7820. 20-21 St.Ch 11650, 9820, 9610, 9560, 8345, 7315, 6974. 20-21 German 11500, 9850, 5250, 4130. 20-21 Portuguese 9640, 8660, 7385. 20-21 Rus 12010, 11750, 9720, 9340, 4200. 2030-21 Italian 9965, 9365, 8450, 7470. 2030-21 Polish 9290, 8260, 7700, 7375. 2030-21 Serbo-Croat 9945, 9785, 7820, 7360. 2030-2130 Eg 11515, 9440, 6955. 2030-2130 French 9880, 7800, 7350, 7185, 5295, 4020. 21-2130 Hungarian 9945, 9785, 7820, 7360. 21-2130 Italian 9965, 9365, 8450, 7470. 21-22 Eg 11500, 9850, 5250, 4130. 21-22 Spanish 9720, 9690, 8660, 6430. 21-22 Rus 11750, 11650, 9820, 9610, 9340, 9290, 7700, 7385, 7375, 4200, 1521. 2130-22 Hungarian 9945, 9785, 7820, 7360. 2130-22 Japanese 11515, 7295, 4960, 3960, 1044. 2130-2230 Arabic 9440, 7470, 6955. 2130-2230 French 9880, 7800, 7350, 7185, 5295, 4020. 22-23 Portuguese 11755, 11650, 9920, 4200. 22-23 Spanish 9720, 9690, 7360, 6430. 22-23 Rus 9965, 9945, 9765, 9290, 7375, 4883, 4815, 1521, 1314. 2230-23 St.Ch 15330, 12015, 11455, 9590, 9530, 8260, 7590, 7190, 6165, 6140, 6075. 2230-23 Esp 11515, 9630. 23-2330 Cantonese 15330, 12015, 11455, 9530, 8260, 7590, 7190, 6165, 6140, 6075. 23-24 Spanish 17680, 15600, 15445, 15180, 15120, 15100, 11695, 11660, 11445, 9945, 9570. 23-24 Rus 4883, 4815, 1521. 2330-24 Amoy 15330, 12015, 11455, 9530, 8260, 7590, 7190, 6165, 6140, 6075. Note: (g); via Guangxi PBS; (x); via Xizang PBS.

(Kunuhiro Nishida, Nobuo Hina, Isami Hyuga, Akira Yamanaka)

Shanghai PBS readjusted its services in May, first noted on 26th, however also reported by BBC-MS that it announced "from 1st"

A recent program schedule effective from June 15, received from Shanghai PBS, confirms that the new organization is colored three different systems: News & Education service(Xinwen Jiaoyi Tai), Literary service(Wenyi Tai) and Economic service(Jingji Tai).

Shanghai PBS has had 7 different frqs which air independent programs and have names from 1st to 7th Program. Under the new organization, Shanghai PBS persists in saying numbered Programs by frq with partially recombination.

NEWS & EDUCATION service consists of three Programs:

- 1st Program (990kHz): 1945-1620.  
2nd Program (1296kHz): 0255-0430(not Sun), 0325-0800(Sun), 0620-0830(not Sun), 0925-1340(start from 0825 on Sun), 2025-2300(to 0130 on Sun).  
3rd Program (1422kHz): 0250-0400(to 0730 on Sun), 0725-1000(not Sun), 0855-1330(Sun), 1050-1310(not Sun), 2025-0230(to 0100 on Sun).

LITERARY service consists of three Programs:

- 4th Program (1197kHz): 2040-1405(exc 0340-0635 on Wed).  
5th Program (103.7MHz, Stereo): 2100-1500(exc 0500-0830 on Thu).  
6th Program (101.7MHz): 0235-1335.

ECONOMIC service is broadcast on 792kHz:

- 7th Program (792kHz): 2030-1400. (Tatsuo Gima)

C O N G O Mweti, Brazzaville, reported 25/6 that the Kouilou regional radio stn resumed xmsns 21/6 after two years of inactivity, on FM 88.7 MHz. Previously had used 4843 and 1520 (WBI 14/8) That is, Pointe Noire

C O S T A R I C A Radio For Peace finally got all its equipment thru customs, and busily built the facility during August. The inaugural broadcast has been set for Mon 7/9 at 20-23 on 15405, repeated at 00-03 8/9 on 7380. Same sked will be followed subsequently, gradually expanding hour by hour. It was expected the fqs would test irregularly during previous week. A blue and white QSL card is ready to go to correct reports with rp; call probably TIRFP (gh)

AWR/ R Lira, Alajuela, 15460, putting in big sigs in EG 15-17, but with distorted audio. Also noted spurs at 15413, 15507, 15554 and 15601, with 15413 & 15507 being strongest (Paul Buer, Miami FL, 8/8) Also hrd the first three and 15366, all separated by 46.9 kHz as closely as I could determine. A few days later the stn vanished from all including the fundamental, perhaps because of the spurs (gh, OK & FL)

We have two 5000 W xmtrs. The second is being readied for xmsn. My only problem is the time necessary to complete the task. Recent improvements have been made to the first xmtr which allow us to be hrd more clearly and with 100% modulation. At present we are running the first xmtr at 1500 watts in order to "burn it in." Stn eqp is as follows: 2 xmtrs made by Consasa, heavily modified; power 5 kW ave, 20 kW PEP, exciter Kenwood TS-430S, final tube Eimac 4CX5000. Eight antennas: two 5-element yagis of 12 dB gain, for 15460 and 11870; under construction three dipoles for 9.7 MHz and 3 more for 5.9 MHz. Three towers: 1) 32 meters, self-supporting; 2) 36 meters, guyed; 3) planned for next year. After some tests the dipoles may be changed to Lazy-H's. The yagi on 15460 is currently aimed north at 0 degrees. Within six months we'll be adding some new pgms and issuing new QSL cards (David L Gregory, Mgr/CE, AWR-LAm, 13/7 reply to Eric Falkenhan, Baltimore MD) Rubber stamp shows fqs as 15.460, 11.870, 9.725, 5.970 MHz. Also enclosed pgm sked showing pgms in these langs: 1355-14 SP, 14-15 Sun-Fri FR, 14-1430 Sat Papiamento & 1430-15 EG. 15-17 EG. 17-22+ SP (via Falkenhan)

RLI, Alajuela hrd on 15460 closing in SP & EG at 2207; call believed to be TINT, and addr P O Box 1177 (Richard Jary, RA JP DX Time, undated) Really? I thought it was TIASD (gh)

C U B A The foremost expert outside Cuba on broadcasting in that country, and a co-editor of the World Radio-TV Handbook, Ronald F. Schatz, died unexpectedly in his sleep 25/7. He was 42. Ron started as a mediumwave DXer; dissatisfied with the lack of accurate post-revolution station information available from official sources, and from official US sources, he set out to research it himself, and kept up with frequent unadvertised changes in networks and stations using specific frequencies. He also wrote technical articles, published mostly by the National Radio Club in years past, about antennas and propagation. Ron and I made several trips abroad together, and we saw each other occasionally, as he lived nearby in Pompano Beach. He is survived by his parents, in Pembroke Pines FL, a sister in Phoenix AZ, among other relatives. Many may have met him at ANARC, EDXC and NRC conventions. He will be greatly missed on a personal level by those who knew him, and on a professional level by those who benefited from and respected his work (gh)

Tim Hendel suggests that it would be fitting for ANARC to establish an annual award in Ron Schatz's name for the individual who has done the most to bring to light the broadcasting scene in one particular country (gh)

Monitoring research in July: Xmtr on 730 khz in western Cuba, which had been relaying R Progreso pgms for some time, began regular 24h bcs of R Caribe, from La Fe, Isla de la Juventud (Isle of Youth), in early July. A major newscast entitled "Noticiero Radio Caribe" is bc at 2245-2300, while a nx magazine pgm, "Revista, informativo y musical" is carried at 1115-1230. R Caribe's xmtr on 1310 is now used for the 24h relay of R Progreso (WBI 31/7)

Cuban TV and 5/8: From 4/8 and every Tue, Thu, Sat and Sun, this xmsn of natl TV nxcast will reach Cuban internationalists thru Cubavision [Cuba's satellite TV svc relayed via a Soviet sat over the Atlantic]. Following two expl bcs, the 0000 utc xmsns of the natl TV nxcast will be aired regularly and systematically for comrades who work in other countries (WBI 14/8)

C Y P R U S CBC, radio of Greek-Cypriot community, inaugurated ES 1/5/77;

via BBC xmtrs near Limassol. Currently Fri/Sat/Sun 2215-2245 in GK to UK on 9635 7205 (WBI 7/8)

DOMINICAN REPUBLIC A 16/7 nx release from R Discovery says it has reached agmt with RTVD for the latter to lease almost all the airtime on RD's SW facilities. World Radio network, owner of RD, will produce daily EG & SP pgms "This is Santo Domingo"; plans to use 15045 at 09-05 daily. Monitoring 2-25/7 shows it untraced since 2/7 when it carried RTVD at 1950-2230, then RD pgms in EG & SP (WBI 31/7) Jeff White also ancd this at ANARCON. However, still nothing on 15045 as of 25/8 (gh)

ECUADOR HCJB received more than 85 kiloletters and reports from listeners last year, down 8% from 1985. While response dropped slightly from listeners in Asia and most S American countries, there was a significant increase from Africa, UK, México and Jamaica. HCJB's SW pgms in 13 langs attracted 1trs and reports from 122 countries in 1986 (HCJB July English svc nx via Richard Lemke)

EGYPT R Cairo foreign svc matches WRTH 87 p. 157 except: 17770 ex-21465 at 1115-1215 Thai, 1215-1345 Indo, 1345-1445 Malay. 11875 ex-17785 at 16-1645 Zulu, 1645-1730 Shona, 1730-1815 Ndebele. 9900 ex-9805 at 18-19 Italian, 19-20 German, 20-2115 French. 9670 ex-9805 and 2015-2145 ex-2115-2245 English (WBI 24/7)

FINLAND R Finland Intl [sic], Helsinki ancd 16/7: From Mon 20/7, R Finland will be using two parallel fqs in the main beamings to overcome breaks in xmsn caused by tech problems at new xmtr site [at Pori]. Accordingly the secondary beamings will have to be dropped. In the 2100 xmsn to SAM & WEu, 15305 will be available in addn to 15400. EAS svc will be dropped at this time. At 0430, 11715 for NAM along w/11755, and svc to ME dropped. At 1400, 15305 along with 15185. NAM svc dropped at this time. At 0830, 15305 for Au along w/15245, while Eu svc on 11755 dropped. These arrangements will be in force until the end of Sept (WBI 24/7)

GERMANY WEST [Cf July IN-30] R Huitzilopochtli is made by the same crazy people who do R Tutenchamun, another W German pirate, both of course originating from W Germany, northern area arnd Hamburg. Stn says Huitzilopochtli was the last Inca priest. A pirate stn operating from GDR would hardly be possible. And, if somebody would do it, he would never play the GDR anthem but rather a liberty anthem, I think! However, there is a person who produces pgms in the GDR for Huitzilopochtli--maybe this is the explanation for the NA. But tapes with NA can be purchased in any record shop, of course. You didn't mention they claimed to bc from GDR, but this is a bad joke (Werner Rutsch, Bolligen, Switzerland)

DPA reported 16/7: DW's bcs in Bulgarian hve not been jammed since 6/7, DW reported today. Reception of the EG lang svc had been impaired or prevented by the use of jammers since its introduction in March, 1963 (WBI 24/7) EG is sked 0930-1020 9680 11830 11850 15330, 16-1650 15160 17705, 1830-1920 6170 7255 9715 11750 (DW Sept Programm)

GREECE R Station Macedonia, Thessaloniki, in GK including relays of ERT First & Second pgms: 10(Sun 06)-2215 on 11595 9935. Also on 1044 kHz daily at 0352-2305 (WBI 14/8)

GUAM A reminder of KTWR's spl 10th anniv bcs 18-20/9, detailed in Aug IN-21 (gh)

6/9 is target date for AWR-Asia to commence full bc sked using both 100 kW xmtrs. KSDA has been on a limited 8h weekday sked, w/20h on Sats & Suns since early March when bcs began. KSDA has been beefing up its staff and planning new pgming. Adding 7hpd weekdays in Mandarin, 3hpd of EG. Other langs such as Japanese, Burmese, Tagalog [sic], Cebuan and Thai will now be heard on a daily basis rather than only on weekends. Expanded EG pgming, besides religion includes AWR Magazine, current events, Suns 02-0230 & 21-2130. Addr for all EG pgms remains Box 310, Hong Kong. New pgm dir is Greg Scott, from US; for several yrs managed KOST in northern Italy. AWR-Asia augments its prof staff w/experienced bc and eng students in a work-study arrangement, the Student Missionary Pgm--5 apprentices sign up for one year terms. At mid-summer, letters from listeners numbered around 2000. QSL by card, also send sticker and pennant for first-time correspondents; mailing list for one year of quarterly newsletters.

Proposed S87 sked, complete: 20-21 Korean 5995 7365 both 315 degrees. 21-22 EG 11965 255, JP 11700 315. 22-23 Tagalog/Cebuano 11965 255. 22-05 Mandarin 11700 315. 23-24 Thai 15125 285. 00-01 EG 15125 285. 01-02 Burmese 15125 285. 02-03 17865 EG 315. Sat & Sun 03-05 Mandarin 17865 315. Sat & Sun 05-07 Mandarin 17865 & 11980 both 315. Sat & Sun 07-09 Mandarin 17855 11980 315. Sat & Sun 09-11 Mandarin 11700 315. Daily 09-11 Mandarin 11980 315. 11-12 Indo 11980 255. 11-13 Mandarin 9465 315. 12-13 Marathi & 13-14 Telugu 11980 285. 13-14 Korean 9465. 13-15 Tamil 9830 285, Japanese 7365 315. 15-16 Hindi 9830 285, Malayalam 7365 285. 16-17 EG 9830 285 (via Marlin Field, MI)

H O N G K O N G BBC's new relay stn is at Xinjie, 120 km from downtown HK. Two 250 kW Marconi xmtrs are being installed, along w/four multiband curtain antennas. Pgm feed will be via satellite from UK, w/pgms beamed to southern China and E As. Tent sked, planned to commence 27/9: 0345-09 15280, 0845-0945 7180, 1245-1615 7160, 2230-0430 15435. Some langs initially include Chinese, Japanese Cantonese, EG, w/future plans for Korean too (Japanese BCL Federation via RA JP DX Time 2/8) I hrd somewhere 15280 was already testing (gh)

I N D I A AIR reported 17/7: Six 250 kW SW super [sic] AIR xmtrs will be installed at Bangalore, Delhi and Panaji during the current plan period. These'll enable AIR to bc Hindi and other Indian lang pgms for Indians living abroad. This info from Info & BCing Minister Mr Ajit Panja, at the Hindi advisory committee meeting of his ministry in New Delhi. He told meeting that reception of AIR Hindi bcs is satisfactory in SEAs, Mauritius, WAs, Gulf region, but unsatisfactory in Eaf (WBI 24/7)

AIR GOSY in EG: 00-0115 As 15110 11745 11715 9910 9535 7215 6055. 10-11 As/Au 17875 17387 15335 15320 11920 11860. 1330-15 As 15335 11810 9545. 18-1845 Af 15260 11935. 1845-1945 Af 15360 11935 11620 7412. 1945-20 Eu/ME/Af 15360 11935 11860 11620 9755 7412. 20-2045 Eu/ME/Af 11860 11620 9910 9755 7412. 2045-2230 Eu/Au 11715 11620 9910 9550 7412. 2245-24 As 11745 11715 9910 9535 7215 6055 (WBI 24/7)

AIR is using 60mb for external bc'ing, 4990 00-0045 in Tamil to Sri Lanka // 3905. 5/6 noted this fq w/strong carrier arnd 0030 w/out pgming but a fellow testing xmtr, most unlike a commercial bcr, blowing into mike, saying hallo, haaallo! etc in typical Indian style like testing an amateur xmtr. I stayed on but the xmtr went off. Since the Tamil clands had been off the air for some time, but I had monitored them on 5030 etc I thought this was a cland test. Well, this was 24h after the Indian violation of Sri Lankan air space and soon I forgot about 4990 because there were more important things to worry about than DXing! 4990 is right inside the 60mb which is extensively used by SL for domestic bc'ing and it's just 30 kHz from SLBC Tamil on 5020. Quality of audio betw 4990 and 3905 is not same, suggesting the two xmtrs are not at same site. 4990 maybe from Madras or even using facilities put at disposal of Tamil terrorists for cland bcs, since they are now off the air. When checked 18/6 4990 carried AIR and has been doing so since then. On second thought and in lighter vein, I'll add that I am positive that it is not located inside the Indian High Commission in Colombo, hi! Might be Rajiv's old ham xmtr. Aircraft and radio are his line! AIR's nx w/items on SL are a treat to listen to for disinformation, inaccuracies, brazen lies, etc. AIR has a great reputation where ordinary Indians used to call it All Indira Radio. We soon and most right-thinking Indians will call it something like All Incredible Radio. (Victor Goonetilleke, Sri Lanka, May-July UADX)

I N D O N E S I A RPD Aceh Timur on 3460 has developed xmtr problem--splatter of overmod carrier hrd 3460-3440 arnd 13-15 (Sarath Weerakoon, Sri Lanka, UADX) Checking this, found RPD stn on 3460 w/good mod but also distorted Indo on 3446 spreading as obs by Sarath. So it may not be Aceh Timur that is the offender. RRI Programa Nasional from Jakarta noted on 11865.8 arnd 0030-0100\* and \*05, both times // 9680. 17/7. 11865.8 is irregular tho 9680 is very regular. Unlisted Indo 2389.9 weak, deep fades 1530 (Victor Goonetilleke, SL, UADX May-July)

I N T E R N A T I O N A L W A T E R S On 28/7 from 0146 I hd a pirate calling himself R New York International and bc'ing on 6240. Anrc claimed xmsn was originating from a ship off the coast of NY. At 0230 anmt that you can hear RNI on FM 103 [103.1], AM 1620, SW, and even longwave [190 kHz]. Tried the AM fq and there it was, with much better sig than 6240. Break in xmsn on 1620 at 0307, but came back minutes later. BCs were ancd as test xmsn, consisted of rock

mx. Addr ancd was RNI, 496 LaGuardia Place, Suite 451, New York NY 10012. Incidentally, later I caught an end of a report on CNN TV cable about RNYI which claimed that US officials boarded a ship off the NY coast and ordered RNI to cease operation (Christos Rigas, Chicago IL) I've received numerous other reports about this, but I think this is the only one specifying LN. I also hrd it in FL on 6240 past 0400 a few hours before they were busted. This received a great deal of media attn, it being the silly season. Dave Alpert found out that the addr is actually a mailbox drop in Greenwich Village. I never wrote to them, but rcvd a mailing from them that court date would be 27/8. Mr Weiner, one of the individuals arrested on board, was also behind the quasi-legal KPF-941 in Yonkers NY a few years back; and had applied for a [legal] SW stn in Monticello ME--I'll bet his chances of getting that have declined (gh)

I R A N V of the Islamic Republic of Iran, DS in Persian: \*0230 on 15084 9022 5995. 0330 on 5995 and irregular on 15084. 0430 on 15084 9022 5995. 0530 on 5995. 0730 on 15084 5995. 0930 on 15084 5995. 1030 on 15084 11790 5995. 1115 on 15084 5995. 1430 5995. 1630 15084 11930 9022 5995. 1715 on 15084 5995 3778. 1830 5995. 1900 on 6220 5995. 2030 on 15084 11930 9022 6220. 2130-0230 on MW & FM only (WBI 31/7)

VIRI ES: in Persian "Familiar Voice" svc: 1430-1630 15084, 1830-2030 15084, 2030-2230 15084 9022 6220 3778. 2330-01 15084 9022. In EG: 01-02 As 765, 1115-1215 As 11790 100.7. 1330-1430 As 765. 1930-2030 Eu/ME/As/Am 11930 9022 3778 100.7. The AR svc includes quasi-cland pgms: V of the Islamic Revolution in Iraq 1330-1430 15315 11940 11780 9575 1218 1188; 19-20 V of the Palestine Islamic Revolution on 11940 9575 7190 7130 1566 1386 1332 1197 1218 1188 990 765; both daily (WBI 14/8)

I S R A E L [Cf Aug LN-24] VOI reported 14/7: This evening, the Soviets jammed VOI's bcs to Eu as usual. Our monitor Mikha'el Gurdus believes that the jamming of bcs was stopped 13/7 due to technical reasons only. At any event, this evening's jamming is stronger than usual (WBI 24/7)

DST is sked to end 13/9, so IBA ES will revert to one hour later by UTC from that date; EG to NAM 00, 01 and 02 on 9855 9435 7465, i.a. (Bezeq S87)

I T A L Y [Cf Aug LN] No sooner than sending off that change from RAI, a second notice arrived, effective 3/7: 14-1425 17800 ex-17905, 1830-1905 15450 ex-15385 (Bill Matthews, Columbus OH, 14/7)

J A M A I C A CANA nx agcy, Barbados, reported 23/7 from Kingston: Jamaica govt expects that all the new radio & TV svcs it has promised to grant licences will be on the air by next April, per a time-table set out by PM Edward Seaga. He also said foreigners will not be granted licences for any of the three new radio and two TV systems to be set up. Under a revised media policy ancd a week ago, Seaga promised to sell off the AM radio svc of the state-owned Jamaica BCing Corp (JBC) as well as grant licences for two other radio and two TV stns. The private commercial radio opn for the JBC's Radio One will start up by 1 October. A new govt Public BCing Svc (PBS) will take over the existing JBC FM radio and its TV svc. PBS radio, per timetable will be on air by 1 Nov, and its TV svc will follow a month later. Seaga promised to issue licences for a commercial regional radio stn, plus a non-commercial religious stn to op on FM. There will also be a commercial TV stn plus a religious TV stn. The commercial TV should be xmtg by 1 Dec and the religious TV by next Apr. Both the regional and religious stns should be on air next Feb. Too, govt plans to sell off its minority holdings in R Jamaica (RJR) by Oct, shortly before it completes awarding licences for new bcng systems. Seaga said licence fees for commercial bcng entities will be 2.5% of their gross revenues (WBI 31/7)

J A P A N Another stn keeping exact statistics on letter counts is R Japan. The 3/1987 edition of R Japan News says 80,652 ltrs from listeners were received by R Japan between Apr 1986 and Mar 1987--third year in a row the number has exceeded 80K. 57% came from As, 13% Eu, 8% Af, 6% NAM, 4% C&SAm, 2% Oceania. India topped the list of countries with 18,313 and there were 12,244 from Indonesia. Bangladesh followed with 9,220, US with 4,019, W Germany with 3,241. A significant number came from China, Tanzania, UK, Mozambique, Brazil, etc. Ltrs were mainly reception reports, but included comments on pgms, questions, mx or brochure requests, etc. The 1986-1987 total was down from 84,869 in the previous year (via Richard Lemke, St Albert, Alta, Canada)

KAMPUCHEA Phnom Penh, 6143v, not hearing 19/7 two new xmtrs, also nothing on 5035v (Victor Goonetilleke, Sri Lanka, May-July UADX)

KOREA NORTH R Pyongyang, KCBS, ES in EG, 50 min bcs: 00 Am 15160 15140 15120. 04 As 15180 15160 15140 15120. 06 As 15180 15160 13650 9530. 07 ME/AF 15340 13750. 08 As 15180 15160 11830 9530. 11 Am 11735 6576. 12 Am 9977 9600. 13 Eu 9345 9325. 13 As 11735 6576. 15 Eu/ME/AF 9977 9940 9325 7290. 17 Eu/ME/AF 9977 9940 9325 7290. 20 Eu/ME/AF 9977 9940 9345 6576. 23 Am 13650 11735 (WBI 31/7)

Spl xmsns of msg in numerical code and entertainment, believed to be for selected listeners in S Korea and/or Japan, are obs: 04-0430, 10-1030, 12-1230 and 14-1430 on 5871 & 4771. 15-1520 on 6400 3250 855 783 684 657, or on 6250 3320 801. Daily opns and end times of xmsns vary (WBI 31/7) "selected" = spy ?

KOREA SOUTH R Korea changed its sked 6/7. Chinese svc is extended from 45 to 60 min (Toru Yamashita, ABI)

R Korea new EG sked in Aug LN; here is the 15-min World News Svc portion: 0145 Am 15575 9640. 0815-0830 Eu/Am 13670 9570. 1015-1030 As 11740 7275. 1230-1245 As 11740 7275. 1445-15 ME/AF/As 9870 7275. 1615-1630 ME/AF 9870. 1845-19 As 6135 1170. 1945-20 ME/AF/As 9870 5975. 2345-24 As/Am 15575 7275. All this changes to one hour later when Korea resumes winter time (WBI 14/8)

LAOS Regional stns monitored in recent 2/7 survey: Savannakhet 7385 11-14 perhaps the best sigs from Laos. Pakse 6645 1030-1415 faint due to poor modulation level. Vientiane 4440v 1130-1230(Sat 1300) Capital svc continues hrd. External svc 7109v 1130-14 drifted down here w/Lhasa het. No trace of Xieng Khouang 5660v, Luang Prabang 7160, Houa Phan 4660v (Sarath Weerakoon, Sri Lanka, May-July UADX)

LEBANON Radio of Islam, The Voice of the Oppressed (Arabic: Idha'at al-Islam, Sawt al-Mustad'afin) first hrd bcng in progress 14/1/86. Supports Shi'ite Hezbollah Organisation. Does not annce location, but apparently ops from Biqa' Valley, in a Shi'ite-controlled area east of Beirut. In addn to reporting nx critical of govt, the radio offers pro-Hezbollah and pro-Iranian views and carries substantial Muslim religious pgming. During summer time in Leb, all pgms hrd one hour earlier than: 04-07 & 12-1715 on 1008 kHz w/Arabic nx on the half hour; press review at 0645-0650, 1500-1505 (WBI 31/7)

V of Palestine, V of the Palestine Revolution (Arabic: Sawt al-Filistiniyah, Sawt ath-Thowrah al-Filistiniyah), carries material supporting PLO leader Yasir Arafat, first hd on 7/7/87 but may have been in existence for some time. An Israeli nxpaper cited the Kuwaiti nx agcy correspondent in S Leb as saying PLO distributed leaflets in the area on 12/5 asking Palsto tune in. Xmtr thot to be in one of the PLO camps in S Leb. A pro-Arafat VOP radio last hrd in 1983 bcng from the north of Lebanon but an anti-Arafat strn, IDed as VOPVOPR, V of Natl Unity, hrd Mar-Aug 1984. This one on 1149 kHz at 11-14 in AR w/nx at 12 and 1330 (WBI 31/7)

MADAGASCAR R Madagasikara, 4960, to 1600\* w/mx, ads // 3288, hrd from 1400. After this closes at 16, goes down to 2495. Also hd arnd 0300 (Sarath Weerakoon, Sri Lanka, UADX) Lovely level on 4960 19/7 1430 w/orch mx, sounds like relig svc, SIO 444 while // 3287.7 SIO 333. I enjoy DXing so much more by thinking how this DX signal to me is the main radio svc for the people there, their only link to the rest of the community (V Goonetilleke, ibid)

MALAYSIA I am sorry Penang has left 4985, sometime last year. Not there anymore and even unlisted in WRTVH. Pity, because it was a bandmarker signal. 7295 continues tho plagued w/QRM, 19/7 (Victor Goonetilleke, SL, UADX)

MALTA R Mediterranean, Valetta, is a bcng svc run jointly by Malta and Algeria from studios in Malta. Bcng re-started 18/1/83 using xmtrs at the DW relay stn in Malta. To Eu/ME on 6110 1557: 18-19 AR, 2130-2230 FR, 2230-2330 EG (WBI 7/8)

MEXICO XEW TV reported 17/7: From 20/7, the Mexican R Institute [IMER] and the Associated RBCing Net SA [Cadena Radiodifusoras Asociadas SA - RASA] will bc the pgm "The News" [El Noticiario] via the Morelos satellite. Also cultural, sports, events in natl net, El Programa del Mes; total of 92 stns in net. Inaugural day will have links w/Moscow & Washington (WBI 24/7)

MOROCCO SPANISH I wonder how many know the boundaries of this former colony? I found an historical map and it shows that the whole north coast of Morocco except Tangier was Spanish. I guess that means that Radio Méditerranée at Nador on the north coast counts as Spanish Morocco according to NASWA country list (Paul Buer, Miami FL)

NETHERLANDS Tentative Media Network topics: 10/9, Solar Studies--how to monitor the effects of upcoming eclipse, with Dave Rosenthal; DX news from Richard Ginbey and John Campbell. 17/9, shorter current items; utility news with Willem Bos. 24/7, The Long Path Through Asia, Part I--the complicated media in Thailand. 1/10, Part II--Indonesia, plus DX news from Arthur Cushen. 8/10, news update, background items, Ginbey and Campbell. A frequency change for NAM from 27/9--at 0230 9895 resumes from Flevo after having been on 11730 during the summer due to QRMoscow (gh)

NETHERLANDS ANTILLES Antenna No. 9 just underwent a face-lift. This certain ant for southern tip of SAM, had become badly corroded. Tim McElhane and crew took all the elements and completely rebuilt them. Cliff Floyd from TWR's International HQ was invaluable help. A local worker's arm was badly broken when a cable snapped and hit him. Work on the bldg for the new xmtr is progressing. The xmtr is now placed inside the bldg but will not be installed until the bldg is completed (July TWR News Briefs via Eric Falkenhan)

NICARAGUA R Sandino, DS, 24h on 750, 107.5, 98.3; also ancs SW 6160 tho this xmtr believed off the air since Apr 1986. Pgms include: 00-0030 Tue-Sa Noticias Extra nx magazine; 0030-0115 daily Sandino's Cubs--pgm for young army recruits; 0230-03 Tue-Sat Here is the Atlantic Coast--in SP & Miskito. 06-07 Tue-Sat Midnight nx review; 12-14 M-Sa Noticias Extra; 16-17 M-Sa Nicaragua on the Air--nx; 1930-2030 M-F Radio News; 2330-24 M-F Educational pgms relayed nationwide. R Sandino also bcs nx items and summaries at various times thruout the day (WBI 24/7)

V of Nicaragua reported 28/7: As of Mon 3/8, we will be bcngw/more powerful xmtrg eqp on 6100 and 6015. Our bcng hours will be from 18-01 local or 00-07 GMT. We hope that with our new eqp brothers and friends in the US & Europe will have improved reception of our xmsns. We urge you to report reception to us. Our mailing addr is P O Box 248, Managua, Nicaragua, Central America.

Monitoring research 3-6 Aug: Since 3/8, VON obs in SP & EG 00-07 on 6100 only. At 0000 4/8, the radio ancd that because of problems they would not be able to xmit on 6015 that day, tho the fq has subsequently been obs relaying VON DS at various times. Pgms in EG now hrd 03-04, repeated 06-07 (WBI 14/8) 6100 swamped by DWhere at 03, but maybe it's clear at 06 (gh)

NIGERIA R Nigeria, Lagos reported 22/7: FRCN has got approval to introduce commercial svcs from first of next month. Ancd in Lagos 21/7 by Minister for Info and Culture, Prince Tony Momoh. He directed FRCN to work out a formula of sharing revenue derived from commercials with state radio stns also airing such ads. Corp expected to embark on a comprehensive commercialisation pgm which'll focus i.a. on promotion of cultural shows, use of FRCN choirs, cultural and drama groups, as well as packaged entertainment pgms for use in public places. Corp'll also enter into joint commercial ventures with other radio stns in the country in electronic, tapes, cassettes and gramophone manufacturing enterprises. Furthermore, FRCN will be involved in specialised training pgms for institutions and organisations that may require such training. It will in addn produce jingles for public and private organisations. Prince Momoh emphasised that the revenue-generating activities of FRCN will not in any way be allowed to overshadow the public svc nature of the corporation's activities (WBI 31/7)

PANAMA Monitoring research in July: Since 15/7, R Universal obs on 1430 kHz, ex-1360; bcs mainly mx pgms for Panama City area (WBI 31/7)

La Prensa reported 22/7: Ancrs of R Sonora, which shares offices and installations w/R Continente and R Fiesta, have asked the Atty Gen'l's office to allow them access to the offices so that they can resume their work. Ancl Pedro A. Vásquez, speaking on behalf of all ancns at R Sonora said "We want them to allow us to work; we want to reopen R Sonora because we have to work". Ministry of Govt & Justice told the workers that the office door is sealed "by orders of the Atty Gen'l's office". R Sonora xmits only folk mx. R Sonora operates by selling radio time to several concessionaires, who in turn sell advertising space. The

ancrs' income comes from the ad fees, which provide the cost of the concession and the ancrs' salaries. Since R Sonora shares installation with KW Continente and the latter has been shut down, R Sonora has been shut down "indirectly". This closure is affecting some 10 heads of household - speaking solely of the ancrs - who are now deprived of their livelihood. The ministry officials told the team of R Sonora ancrs - Pedro A Vásquez, José Ángel Ortiz, Héctor Toribio and Felipe Cano - that there are no orders to close down the stn at the Ministry... (WBI 31/7)

Circuito RPC TV reported 27/7: We inform our viewers that as of today, our newscasts will be regulated by Decree 61 of 24/7, whereby Decree 155 of 28/5/62 which regulates bcng in Panama is extended to include a clause that states: [Radio and TV fqs may be cancelled] when there is an exhortation to disrupt public order or to perpetrate crimes, or a refusal to fulfil the constitution, the laws of the republic and the duties they impose; and to replace state branches thru violent means, and to disobey the laws and the authorities. The decree is signed by Pres Eric Arturo Delvalle and the govt minister Rodolfo Chirara de León. Article 40 of Decree 155 of 28th May 1962, establishes the reasons whereby the natl govt can declare the cancellation of radio & TV fqs in the country as required (WBI 7/8)

PARAGUAY [Cf May IN-26] According to El Diario report, via WBI 3/4, at least 29 ZP stn licences have lapsed. However, as of 25/7 R Nacional on 9735 is still ancg a net of 32 stns at 0030 daily, including 18 of the expired stns. The govt pgm at 0030 opens w/this anmt: "La Voz del Coloradismo, por un Paraguay grande, próspero y feliz; por la vigencia permanente de la paz, la democracia, la justicia social, y la libertad del glorioso pueblo paraguayo; contra la prédica política subversiva que busca la división de la familia paraguayana". Pgy has been under fgt attack by rx media & some DX editors for alleged "repression", while much greater repression in Cuba & Nicaragua is totally ignored. Pgy still has about 40 private radio stns, Cuba & Nicaragua none (Ernie Behr, NW Ont/Manitoba) One expects such repression in Marxist countries and little can be done about it; there is still some hope in countries suffering "only" from fascist dictatorships if we vigilantly expose whatever repression there be (gh)

PERU R Minería, 1 kW at La Oroya hrd arnd 1030 on 6147, pop mx in SP, ID just after 1030, F sigs lately (Philip Harrison, WA, RA JP DX Time 9/8) Listed on 6145, seldom reported (gh)

PHILIPPINES New R Veritas sked for EG shows 0130-0155 on 15275 15330; 15-1530 on 15215 and new 9770 (Bill Matthews, Columbus OH, 26/7) Current sked of JP svc of RVA, effective from 19/7: 00-0025 9730 15270, 12-1225 7190 9645 ex-9505 (Satoshi Wakisaka, July Indonesian DX Review [which covers SEAs in general and lately has had a lot more about Philippines, mostly MW, than Indo])

FEBC Radio International, Overseas EG svc sked effective 1 May, but hand-updated shows: 00-01 Pacific Sunrise to SEAs on 15455 [still there since Beijing moved to 15455 in early Aug? -gh]. 01-02 Good Morning India on 15455. 03-05 Mid-day Magazine, to PNG on 11850. 0830-0930 [no name] to China & PNG 11850, Malaysia 15350. 13-16 Good Evening Asia: to India, Burma, SEAs: 13-15 11850, 14-16 9670 (via Marlin Field, MI)

Daily Enquirer, Manila, reported 1/8: Govt will retain People's TV [PTV] 4 and will let courts decide its ownership should the Lopez family insist on reclaiming it, executive secretary Joker Arroyo said 31/7. Govt said previously it'd return to Lopezes the multi-megapeso bc facility on Bohol Ave in Quezon City. TV stn was owned by Lopezes until Marcos' martial law govt grabbed it w/ minimal compensation. Malacañang's about-face was apparently result of mounting public clamour against return of mass media monopoly which is expressly prohibited in the 1986 constitution. The Lopezes now operate another TV studio and a newspaper, aside from other commercial interests. In spite of its decision, however, govt will not provide funds for Ch 4; the stn will be required to generate its own finances just like any other commercial TV net, Arroyo said. This is one of the provisions of exec order No 297 signed by Pres Aquino 15/7 last, reorganising the Office of the Press Secretary (OPS). The order prohibits the use of OPS funds to subsidise the operations of PTV4 and its affiliated stn. Malacañang sources said that because of this policy the OPS budget for 1988 proposed by Press Secy Teodoro Benigno was trimmed from 475 megapesos to 134. Benigno had proposed a 220 megapeso subsidy for PTV 4 (WBI 7/8)

# FEBA RADIO - SEYCHELLES

FREQUENCY SCHEDULE S87  
6th SEPTEMBER TO 31ST OCTOBER 1987

Frequency(kHz)	Time UTC	Azimuth	Power(kW)	Zones
6080	1827-1900 (Su,Mo,Fr,Sa)	220 B	75	53
	1827-1845 (Tu,We,Th)	220 B	75	53
7275	0127-0200	040 B	45	41
	0200-0231 (Su,Mo,Tu,We,Th,Fr)	040 B	45	41
	0200-0246 (Sa)	040 B	45	41
9510	1731-1833 (Su,Mo)	322 N	100	48
	1731-1803 (Tu,We,Th,Fr,Sa)	322 N	100	48
	1803-1833 (Tu,We,Th,Fr,Sa)	322 N	100	48
9525	1626-1659	208 N	75	53
9510	0310-0358 (Su,Mo,Tu,We)	280 B	25	48,52,53
	0311-0358 (Th,Fr,Sa)	280 B	25	48,52,53
	0358-0430 (Su,Mo,Fr,Sa)	280 B	25	47,48
	0430-0500 (Su,Sa)	280 B	25	47,48
	0500-0530 (Su,Sa)	280 B	25	47,48
9665	1412-1445 (Su)	040 B	25	41
	1412-1430 (Mo,Tu,We,Th,Fr,Sa)	040 B	25	41
9130	0200-0232	028 N	25	41
	0232-0248 (Su,Mo,Tu,We)	028 N	25	41
	0232-0248 (Th,Fr,Sa)	028 N	75	41
9770	1612-1658	280 B	100	48,52,53
	1659-1731	322 N	75	48
11760	1659-1731	280 B	25	48,53
	1731-1824 (Su,Sa)	280 B	75	48,53
	1731-1804 (Mo,Tu,We,Th,Fr)	280 B	75	48,53
11790	0200-0232	028 N	75	41
	0232-0248 (Su,Mo,Tu,We)	028 N	75	41
	0248-0311 (Th,Fr,Sa)	028 N	75	40,41
	0248-0306 (Su,Mo,Tu,We)	028 N	75	40,41
	0358-0430 (Su,Mo,Fr,Sa)	322 N	75	47,48
	0430-0500 (Su,Sa)	322 N	75	47,48
	0500-0530 (Su,Sa)	322 N	75	47,48
11810	0310-0358 (Su,Mo,Tu,We)	280 B	50	48,52,53
	0311-0358 (Th,Fr,Sa)	280 B	50	48,52,53
11860	1612-1658	280 B	25	48,52,53
	1659-1731	322 N	100	48
	1731-1833 (Su,Mo)	322 N	25	48
	1731-1803 (Tu,We,Th,Fr,Sa)	322 N	25	48
	1803-1833 (Tu,We,Th,Fr,Sa)	322 N	25	48
	1833-1906 (Su,Sa)	280 B	100	47,48

B: Indicates broad beam of 68 deg at 6dB points.

N: narrow 36

10/08/87

BW

S871 188 m10 c132

CABLE: FEBCON

SEYCHELLES

TELEX: 2287 FEBCON SZ

FEBA Radio

PO Box 234

Seychelles.

# FEBA RADIO - SEYCHELLES

FREQUENCY SCHEDULE S87  
6th SEPTEMBER TO 31st OCTOBER 1987

Frequency (kHz)	Time UTC	Azimuth	Power (kW)	Zones
11865	0257-0330	352 N	100	40
	1227-1300	052 N	25	41
	1300-1330	052 N	25	41
	1330-1359	052 N	25	41
	1359-1458 (Su)	040 B	100	41
	1359-1458 (Mo, Tu, We, Th, Fr, Sa)	040 B	100	41
	1458-1513	028 N	100	41
	1515-1612 (Su)	040 N	45	41
1515-1610 (Mo, Tu, We, Th, Fr, Sa)	040 N	45	41	
15115	0712-0835 (Su)	040 B	50	41
15175	0557-0700 (Fr)	340 B	100	38-40, 48
15300	0342-0445 (Su)	340 B	100	38-40, 48
	0342-0430 (Mo, Tu, We, Th, Sa)	340 B	100	38-40, 48
	0342-0500 (Fr)	340 B	100	38-40, 48
15325	1227-1300	040 B	50	41
	1300-1330 (Su, Sa)	040 B	50	41
	1300-1315 (Mo, Tu, We, Th, Fr)	040 B	50	41
	1330-1359	040 B	50	41
	1359-1458 (Su)	040 N	75	41
	1359-1458 (Mo, Tu, We, Th, Fr, Sa)	040 N	75	41
	1458-1515	040 N	50	41
	1515-1612 (Su)	040 N	50	41
	1515-1610 (Mo, Tu, We, Th, Fr, Sa)	040 N	50	41
	1610-1625 (Mo, Tu, We, Th, Fr)	040 N	50	41
1610-1625 (Sa)	040 N	50	41	
15405	1057-1200 (Su, Th, Fr)	340 B	75	38-40, 48
	1057-1145 (Mo, Tu, We, Sa)	340 B	75	38-40, 48
15415	1233-1251	040 B	100	41
	1252-1329 (Su, Mo, We, Fr, Sa)	040 B	100	41
	1252-1315 (Tu, Th)	040 B	100	41
	1315-1329 (Th)	040 B	100	41
	1315-1329 (Tu)	040 B	100	41
	1329-1359	040 B	100	41
	15430	0912-1001 (Su, Mo, Fr, Sa)	220 B	45
0912-0930 (Tu, We)		220 B	45	53
0912-0945 (Th)		220 B	45	53
1001-1016 (Sa)		220 B	45	53
17785	0712-0835 (Su)	040 B	45	41
17875	1057-1200 (Su, Th, Fr)	340 R	100	38-40, 48
	1057-1145 (Mo, Tu, We, Sa)	340 R	100	38-40, 48

B: Indicates broad beam of 68 deg at 6dB points.

N: narrow 36

10/08/87

BW

S872 188 m10 e132

CABLE: FEBCOM

SEYCHELLES

TRLEX: 2287 FEBCOM S2

FEBA Radio

PO Box 234

Seychelles.

PORTUGAL RDP International, ES in EG: 0030-0100 Tu-Sa Am 9680. 03-0330 Tu-Sa Am 9705. 16-1630 M-F ME/As 15300. 19-1930 M-F Af 15250 11915. 1930-20 M-F Eu 11740 9605.

In PT: 0130-03 daily Am 9705 6095. 05-07 M-F Eu 9740 6130. 08-10 Sa/Su Eu 11800 9740 6100. 09-10 daily Timor 15225. 10-12 M-F Eu/Af 21700 15265 15250 = to 11 11800. 10-12 Sat/Sun Eu/Af 15265 11800 9740 = to 1154 6100 = to 1145. 12-14 Sa/Su Eu/Af 15265 11800 9605 7165 = Sun. 12-13 M-F Af 15250. 14-18 Sa/Su Eu/Af/Am 15285 15265 15250 11800 9605 7165 = Sun. 15-16 M-Sa ME/As 15300. 16-17 M-F Eu 11740 9605, 17-19 M-F Eu 11800 11740 9605. 17-19 M-F Af 15250 11915 11840. 18-19 Sa/Su Eu/Af 11915 9605; and from 1815 on 15250 11840 11800, and on Sat from 1815 on 11740. 22-24 LA m daily 11840 9635 9600. 23-2430 NAM 9680 6095 daily (WBI 7/8)

Monitoring 10/8: A check of RDP Intl's weekday morn xmsn in PT shows separate bcs now made 10-12 to Eu and Af. To Eu on 11800 w/nx 1005, 1050, 1130, Af on 21700 15265 and until 11 on 15250 w/nx at 1015, 1100. Weekday xmsn to Af on 15250 12-13 discontinued (WBI 14/8)

ROMANIA R Bucharest, in EG: 02-03 Am 11940 11810 9570 9510 6155 5990. 04-0430 Am same. 0530-06 Af 15380 15340 11940 11840 9640 9530. 0645-0715 Au 21665 17805 17790 15335 15250 11940. 1045-11 M-Sa Eu 15250 11940 9690. 12-1230 As 17720 15380 11740. 13-1330 Eu 15250 11940 9690. 15-1530 As 15335 15250 11940 11775 9690 9510. 1730-18 Af 15270 11940 11790 9570. 1930-2030 Eu 11940 9750 9690 7145. 21-2130 Eu 11940 9750 9690 7145.

Romanian: 0130-02 Am same as EG. Sun 0715-0810 ME/Af for seamen 17790 17745 17720 15370 15335; Sun 0815-0910 ME/Af seamen 17790 17745 15335 11940. Sun 0915 -1010 Am seamen 11940 11810 11775 9665 9590 9570. 20-2030 Eu 11810 9510. 23-24 Am 11940 11810 9570 9510 6155 5990 (WBI 24/7)

SAIPAN RA Talkback 26/7 reported from ANARCON, Mississauga [sic], Canada with an interview with Richard Dearbourne [sic], Christian Science Monitor representative: We purchased KYOI some months ago and made a recent program change. Format was a very hard rock format and we felt we wanted to begin to attract a more middle-aged audience and so we recently changed it to a softer rock format which has been running there for about two months, I believe. Eventually we hope to start getting some of our pgmng from Boston in there, and we are doing some market research right now to determine what that pgmng should be, but we are really waiting on delivery of some satellite eqp and we hope those arrangements will be completed some time in the mid to late fall of this year so that certainly by Dec we would have some new pgmng coming from Boston, live. KYOI is a 100 kW stn on a 340-degree heading into Japan and Korea. We find there is a very large English-speaking listenership in Korea as well as in Japan - that's what we are researching now. We plan to put a second xmtr on the island some time in the next sesquiyar, another 100 kW stn that will be beaming to the south to serve an Australian and a New Zealand audience (WBI 31/7)

SOUTH AFRICA Monitoring 3-9 Aug: obs since 3/8 show R RSA has again changed fqs for 21-22 bc in EG to UK & Ireland. In addn to 9585, now hrd on 11890 and 7260 instead of 7270 and 5980. GM 17-18 moved from 17790 to 11810, // 15240 (WBI 14/8) Stn has been showing a lot more fq flexibility than before; in Aug I've noticed the 11 bc on 15115. Remains to be seen whether some of this carries over into S87; the final official EG sked for which is:

02-0256 NAM 6010 9615 11730. 03-0426 Af/ME 7295 5980 6120 3230. 0630-0730 Af/ME/WEu 17875 15125 11900 7295. 11-1156 Af/ME/WEu 21590 15125 7295. 13-1556 Af/ME/WEu 21590 17825 11900 9585. 21-2156 Eu/WAf 11900 9585 7295 (gh)

SPAIN Spanish Foreign Radio S87A in EG: Nam 00-02 9630 [only one fq, and no longer at 05-06!]; Eu 1830-1930 & 2030-2130 7275 9765; ME 1830-1930 15395; Af 1830-1930 15375. DX pgms Sun 19, 21, Mon 0030, 0130 (RNE DX section)

SRI LANKA TWR via Ekala Sw xmtr is on 11715 at 13-1530, 35 kW; 13-1330 beamed to Bombay [sic] area and at 1330 changes to E India/Calcutta area. This is the same Collins used on 15425, which has now been dropped completely, even at 0030-0430. All-Asia svc in EG now on 6005 10 kW, and 9720 100 kW, the old Marconi SEAC Radio xmtr. 6005 measured on 6004.7 with strong het until we got it corrected 5/7 to 6005. In some DX ulletins it is stated that the TWR xmtr is the one from 11800. This is not the case. 11800 is a 100 kW Siemens carrying Indian svc until 1600 and then to ME 1645-1845 w/EG nx 1745. SLBC's 60mb out-

lets, esply 4870 and 4940 often suffer from distortion. We have brought it to attn of authorities. Let's hope something will be done soon. It's a heck of a problem to do any serious DX on 60m when they splatter all over (Victor Goonetilleke, Sri Lanka, May-July UADX)

S U D A N SUNA nx agcy, Kartoum reported 20/7: Radio and TV employees began a 24h strike at 1000 this morn, demanding removal of the Dir-Gen of the Natl Corp for R&TV on grounds that it's impossible to cooperate w/him and that he is against giving employees their rights. They also demand purging the corp of the May regime [former pres Numayri] supporters as well as the need to expedite implementation of the terms of svc in accordance w/the corp law approved during the transitional period. Meanwhile, the strike will halt radio and TV xmsns in the capital and in regional stns.

R SPLA reported 3/8: SPLA [Sudan Peoples Liberation Army - hostile to the Sudanese govt] souces have furnished R SPLA w/list of demands put to the Khar-toum govt by a number of public corporations which went on strike as from 20/7 to back these demands. Per our sources the bcng unions of R Omdurman and TV Corps went on strike 20/7 demanding:

- 1) implementation of their financial circular and improvement of poor condx.
- 2) Adoption of Radio & TV Act to avoid undue interference by ruling parties in matters pertaining to these important public institutions.
- 3) dismissal of the Genl Mgr, who was suspended and investigated following the Mar-Apr [1985] popular uprising on charges of corruption, but later reinstated because of pressure from one of the ruling parties.
- 4) complete purge of elements loyal to the defunct May [Numayri] regime from the Corp.
- 5) closing down of the illegal and unlicensed private Ummah radio bcng stn that bcs from the Ummah Party [of Premier Sadiq al-Mahdi], premises in Omdurman to the capital.

Monitoring 20 July to 3 Aug: Bcs from R Omdurman were disrupted from 20 to 23/7, returning more or less to normal on 24/7. However, since 26/7 the high power xmtr on 1296 kHz has not been hrd. It may be on low power or off the air completely (WBI 7/8) see also CRANNY for R VOICE OF ETHIOPIAN UNITY

S W E D E N RSI reported 14/7: FM xmtr in Stockholm relaying RSI has shifted fq slightly from 89.65 to 89.6 MHz (WBI 24/7)

T A I W A N Family Radio being relayed in Chinese 16/7 1420 on 6209.8 (Victor Goonetilleke, Sri Lanka, UADX) Must be the stn I hrd in Chinese on same fq in 1230-1259 period whilst in Enid OK early Aug (gh)

T H A I L A N D R Thailand obs 8/7 on 7115 arnd 0430-07 carrying Thai pgms. This fq has been inactive for a long time. ES hrd regularly 05-06 in EG on 9655 & 11905 (Sarath Weerakoon, Sri Lanka, UADX) 7115 is vy interesting fq. Formerly used by Thai TV Co, hrd vy regularly in the 60s. Later used by R Thailand. Currently the two SW DS outlets of 4829.7 and 6070 provide strong sigs from \*2245 to f/out 0300 and again from f/in arnd 1030 to 1600\*. ES in EG G 05-06 but after 08 UAE blox channel. On 6150 at 1100 19/7, stn in Thai, weak; Thai NA and ID sounded like Or Sor. Nothing listed here. Further chex needed. Maybe V of Free Asia (Victor Goonetilleke, Sri Lanka, UADX May-July)

VOFA is controlled by Thai Foreign Ministry, sked Mon-Fri: 1030-11 Thai. 1230-13 Laotian, 13-1330 Cambodian, 1330-14 Vietnamese, 15-1530 EG, all on 1575. This xmtr also relays certain VOA bcs to S&SEAs (WBI 31/7)

T I B E T Xizang PBS currently sked; Tibetan on 4035 5950 5995 7110 11950 at 2230-0130, 0330-0545, 10-1645. Chinese on 4750 5935 7170 9490 at 2230-02, 0350-0650, 10-1445 (Robert Shepherd, Brisbane, RA JP DX Time ?/? ) Lhasa noted arnd 1040 on 5950, in TB, incl radio drama; sked 10-1545 on this fq (Philip Harrison, WA, RA JP DX Time 9/8)

U S A Radio Earth resumed bcs 10/8 after a 2-month absence, on a sked reduced to only one hour a week: UTC Tue 03-04 on 7355 to Eu/ME/NAf/Ams; tentatively from 26/10 will be at same UTC on 7400 and 6000. [No mention of stn but it's WHRI w/2 xmtrs now, and supposedly 2nd fq in Aug was 9850 -gh]. On the pgm: Swiss SW Merry-Go-Round, Sweden Calling DXers, Listener Letters, Skyline with Dave Rosenthal, Shortwave Pandemonium with Jack Widner and Max Thomas. CanCon with James Careless and Cindy Ellen Morgan, and Features, commentary and music (including an in-depth report), Associate producer Isa Helderman, replace Skyline & SW Pandemonium on the first Monday (via Eric Falkenhan, Baltimore MD)

WORLD OF RADIO has undergone further scheduling changes on WRNO: Now UTC Fri 0200 (or later; stay tuned) on 7355, UTC Sat 0300 on 6185, Sat 2330 on 9495, and Sun 1600 on 11965. In addition, at various unsked times between 15 & 17 on 11965 various days, usually on Mon or Tue. KCBI has been off the air for several weeks and no longer seems to be a viable alternative source for W.O.R. (gh)

Next US SW stn is likely to be Salt Lake City's KUSW (calls applied for but not yet granted) which could stand for Utah Shortwave, or US-West. Probably will not be on before November, but an S87 sked has been registered, 70 degrees to eastern Canada and Greenland, 100 kW: 00-02 11980, 02-05 9850, 05-07 6175, 07-09 6185, 09-12 5980, 12-16 9850, 16-19 15225, 19-22 17715, 22-24 15580 (gh & George Jacobs) Note the split 9852.5 assigned to various US stns has apparently been laid to rest, standardized to 9850 (gh)

U S S R RMWS 20/7 Moscow Mailbag pgm answered a question from Mr Tarry [sic] (¿Palmerstein) of Minneapolis--are you making progress towards securing airtime here in the US? Nothing definite yet on regular AM bcs inside US thru local Am media. Meanwhile, NAM svc of R Moscow each Sunday and every other Sat relays its bcs to US thru facilities in Cuba, AM 1040 at 12-22; range 250-300 km, just enough to cover part of Florida (WBI 24/7) But Tim Hendel, Miami, notes 1040 missing 23/8. Too soon to tell whether temporary or permanent. I wonder if the curious sked results from a quid+pro-quo w/USSR re number of hours on average RHC is relayed there (gh)

Armenian radio's mbx pgm on 1/8 reported: Yerevan R's xmsns for abroad began 10/8/47. In these first years, xmsns were in Armenian and Arabic for listeners in near and middle east. Xmsns for Europe began in 1958 and for NAM on 5/8/62. Currently, Yerevan R's ES xmsns total 8:10 daily in AM, AR, w/nx summaries in EG, FR, TK, SP and Persian... (WBI 14/8)

Festi Raadio, 200 100 Tallinn, Estonian SSR, sent an original typed sheet giving info about the stn and sked, in local time of UTC+3 (Apr 1-Sept 30, +4): First Pgm: 1035, 1215, 1332 kHz: Estonian 0530-0005, except 07-0715 & 2350-24 when nx are replayed from Moscow. Nx bulletins at 0545, 0645, 0730, 08, 09, 11, 12, 14, 15, 16, 1830, 2130, 23. On 1215 and 1332 nx also relayed from Moscow 12-1230. On 1215 1332 and 1512 kHz, Estonian R bcs in Russian at 1230 and 14.

Second Pgm: on 711 kHz and FM: in Estonian; nx at 12, 14, 15, 16, 1730, 1830, 2130. Third pgm: FM only, stereo and educational 1530-23.

Foreign svc: on 1035 and 5925 kHz: in Finnish weekdays 1215-13 & 19-1930, Sundays 11-12. In Swedish weekdays 0005-0035, Sun 12-1230 as well. In Estonian, 0035-0105 for Estonians abroad (via Marlin Field, MI)

V E N E Z U E L A R Tachira, 4830, reads letters from listeners at 0130-04 each UTC Mon, in pgm called Domingo Internacional. Ltr from Eleazar Silva M, Coordinador General of stn does [not] give lang, but probably Spanish (Marlin A Field, Hillsdale MI)

El Universal, Caracas, 21/7 published text of Presidential Decree No 1653:

Pres Jaime Lusinchi, exercising powers granted by ¶ 1 and 12 of article 190 of the constitution, in agmt w/article 1 of the Telecomms Law, at the Council of Ministers decrees:

§ 1 - The project called LV de Venezuela which consists of the installation and placement into svc of a high-power radiostn and which the Natl Executive, thru the Ministry of the Secretariat of the Presidency and the Natl Telephone Co of Venezuela [CANTV], have been undertaking in a co-ordinated manner will from now on be executed exclusively by CANTV.

§ 2 - The Minister of the Secretariat of the Presidency will take the necessary measures so that the assets and credits obtained by the republic for LVV project will be transferred to CANTV.

§ 3 - The Transport and Comms Minister will adopt the necessary measures so that CANTV can carry out the project mentd in previous articles, in accordance w/the social statutes that are in effect.

§ 4 - The budget laws for the next financial years will allocate CANTV the resources it might need to fully carry out the aforementioned project.

§ 5 - Once the radio stn to which § 1 refers is installed, the transport and Comms Ministry, after the fulfilment of the legal formalities, will grant the corresponding permit for the operation of this radio stn to the institution that the natl executive indicates.

§ 6 - Transport & Comms Minister and the Minister of the Secretariat of the Presidency will be in charge of implementation of this decree. Issued in Caracas 14/7/87, 117th yr of independence and 128th of federation, Jaime Lusinchi.

[WBI ed note: concerns 1000 kW mediumwave xmtr for extl being] (WBI 7/8)

V I E T N A M R Hanoi [sic] does not announce target areas; here they are assumed for statistical purposes. V of Vietnam, Hanoi, in EG: 11 to As 9730 7430; all other half-hour bcs on 15010 and 9840: 10 As, 1330 As, 16 Af, 18 Eu, 19 Eu, 2030 Eu, 2330 Eu. 15-min xmsns possibly targetted at listeners in China: 1545 and 1615 on 12035 10010 and 1010. The only bc assumed to be targetted on Am is: 11-1130 in Spanish on 15010 9840 (WBI 14/8)

Y E M E N W E S T Sana'a, 18/7 1410 on 6135 // 9779. 3, causing het to KTWR on 9780 in Mandarin. Also at 03 in AR like at all other times. No sign of 4853 (Victor Goonetilleke, Sri Lanka, UADX)

Y U G O S L A V I A R Yugoslavia ancd in EG 22/7: RY is bcng its pgm on 5980 and 6100 from a new more powerful xmsn centre [at Bijeljina]. Reports appreciated to P O Box 200, Belgrade. Monitoring 21-22/7: RY using addl xmtr on 5980 for EG 1730-18 // 11735 7240 6100, 1830-20 FR, EG, GM // 9620 7240 6100. R Zagreb ended its nx bulletin at 20 (which is relayed by RY on Tue) 21/7 stating it had been from new more powerful xmtr on 6100 (WBI 31/7)

An ES sked issued 7/8 does not obviously show any further use of new xmtrs, with a maximum of 3 SW fqs for all other xmsns. The multilingual relays of various regional stns still seem to match WRTH 87 p 149, except all one hour earlier during summer; don't forget Mon 20-2030 R Ljubljana in Slovene and English (gh)

Z A M B I A RSP&P Moscow reported 4/8: Zamb govt has worked out plans for countering hostile S African propoganda which has noticeably been stepped up of late. In the Limpopo River valley in particular, it is planned to build a SW radio stn in order to intercept Pretoria's radio bcs [so by "intercept" do they mean just monitoring, or transmitting, or even jamming???? -gh]. Trying to undermine the internal position of neighbouring independent countries, the racist regime in addn to the notorious South African SABC [presumably SABC - South African BCin Corp - WBI note] radio stn has created such stns as the anti-Zambian stn "Truth" [presumably R Truth, which is in fact directed against Zimbabwe - WBI], the V of Mozambican National Resistance, and the UNITA band's V of the Black Hawk [presumably V of the Resistance of the Black Cockerel] in Angola (WBI 14/8) Congrats, RSP&P, you almost got something right (gh)

Z I M B A B W E ZBC Radio 1, Harare, reported 31/7: Minister of Info, Posts & Telecomms, comrade Nathan Shamuyarira, says Zimb has now reached an operational stage in its efforts to counter the racist S African regime's propoganda campaign. Comrade Shamuyarira was speaking to the ZBC in Bulawayo today after touring several PTC installations in Matebeleland-South province. The minister said the installation of a small xmtr at Beitbridge has proved very useful, adding that there are plans to establish a SW radio stn in Gweru. Com. Shamuyarira, accompanied by his deputy, comrade Naomi Nihwatiwa, also said there is room for improvement in the telephone exchange system between Bulawayo and the rural areas, especially those on the border (WBI 7/8)

C L A N D E S T I N E C R A N N Y V of the Resistance of the Black Cockerel (PT: A Voz da Resistência do Galo Negro) bcs on behalf of UNITA mmt led by Jonas Savimbi. Stn on 4973 (originally 4950) first hrd 4/1/79, believed to have bc from S Africa. Test xmsns on other channels began July 1986. Ancs it bcs from Jamba in Angola over two svcs - channel A and B. Daily 0330-0530 & 1730-1930 on 4975; 12-13 on 15180 & 11980. Mainly in PT, items also in Umbundo and Kwanyama (WBI 7/8)

R V of Ethiopian Unity Monitoring 15-21 July: stn hostile to Eth govt, on behalf of Eth People's Democratic Alliance, continues hrd 19-20 apx on 9660. 19/7 also traced on // 7200. Aerial bearings indicate xmtrs may be in Sudan. RVEU opening anmt in Amharic 1900 14/7: "This is R- V- E- U-. Good evening; RVEU is beginning its pgm which will discuss Ethiopian equality and unity, the common interests of society based on individual rights, the current objective reality of Ethiopia's political, economic and social situation and the prevailing oppression and crisis. Daily bc on 25, 31 and 41 mbs at 19-20. Ready to bc any independent opinion and comment from individuals or organisations and also from individuals who have defected from the present admn in Eth. This is RVEU."

Closing anmt of 1900 bc 15/7: RVEU is a new stn in which all Ethiopians who wholeheartedly support unity and quality [sic] among Ethiopians can participate.

RVEU in future will broadcast pgms in EG, Arabic, Tigrigna, Oromifa and Somali. RVEU now closes its daily pgm at 19-20 (WBI 24/7)

RVEU first hrd 12/7 but gave inaug date as 8/7/87. Only two channels traced the 3 mbs and (WBI 31/7)[fqs below are exact conversions: 19.00m = 15789..]

RVEU reported 31/7: RVEU is the onemain thing that the exploited Eth people have been aspiring and struggling for years - to set up a democratic forum to make known to the Eth people the bitter and distressing acts they have experienced in the last 13 years. It will xmit pgms in EG, AR, Oromigna [sic], Tigrigna and Somali langs on 19mb or 15789; 25mb or 12000 kHz; 31mb or 9677; 42mb or 7142 kHz; and 60mb or 5000 Khz on the 13 years of horror and the alarming situation which will prevail if the dergue is not removed from the political scene.

Monitoring 26/7 to 3/8: the above and bcs have not been traced. However, RVEU continues hrd daily in Amharic 19-20, moved slightly from original 9660. 26/7 hrd on 9665, but since 27/7 on 9655 // 72000 [sic]. RVEU operated by Eth People's Democratic Alliance and hostile to govt in Addis Ababa (WBI 7/8)

Monitoring 9/8: 1900 xmsn hrd on 11180 and 9430. 11180 had previously been used by the V of the Free Sons of the Yemeni South, a radio stn which had bc from a xmr in the Sudan until the overthrow of Sudanese Pres Numayri in April 1985. It had carried pgms hostile to the govt of the PDR Yemen in Aden. This fq has also been used irregularly by Sudanese radio in Omdurman over the past two years (WBI 14/8)

R of Islam and V of Palestine etc, etc., --see LEBANON

V of Palestine Islamic Revolution and V of Islamic Revolution in Iraq v IRAN

V of Tamil Eelam Monitoring May-July: stn being material hostile to Sri Lanka govt on behalf of Tamil Eelam Communist Party, together w/the 'phony' stn of the same name operated by the SL govt, have not been traced since 28/5 (WBI 31/7) So long before the settlement was reached (gh) VOTE, 9705, 14/5 1333; 1400 ID in Tamil, 1421 ID in EG; nx in respective langs followed each ID, SINPO 43333. Also on 7010 12/5 1337 Tamil songs up to 1400 ID, 1421 EG ID, nx (Kanwarjit Sandhu, provided the fqs, but the loggings apparently by K Balamurugan of Nal-la Sopara, July IDXCI ADXR)

V of Democratic Kampuchea via R Beijing facilities, now sked: 04-05 17680 and 15110, 09-10 17533 11870 11695, 13-14 15360 11675 5250 4130, 2330-0030 9440 8345 7350 (Kunhiro Nishida, Isami Hyuga, Akira Yamanaka, Japan, ABI 14/8)

R La Verdad (EG: R Truth) DPA reported 25/7 from El Salvador: Cland radio of extreme rightwing orientation appeared today; it may be used to attack the Christian Democratic regime or as a voice of "deathsquads", judging by the anti-communist accusations it is bcng. Said it will xmit daily on 106 MHz FM at 03, 12, 18 and 20 local time. During its first bc, accused expected presidential candidates of the CD Party, incl Julio Adolfo Rey Prendes, Fidel Chávez Mena and José Antonio Morales Ehrlich, who are offls in the Duarte admn, of using govt vehicles for campaigning. It also accused Herbert Anaya, Secy Genl of the non-govtal Human Rights Comm, of being "one of the country's biggest misinformers abroad and of accusing offls and military men of unconfirmed offences". Accused him of being a commander of an extreme-left armed organisation, which for the past seven yrs in this country meant sentencing him to death. The stn, which reportedly carries items similar to those of the Contras' R Libertad [sic], asked the Duarte admn what it is waiting for to act against the so-called popular orgs that want the country to return to the era of 1979 and years following, which were the hardest of the civil war in this country. In El Salvador, the clans Farabundo Martí and Venceremos currently operate with much difficulty due to interference. Venceremos is the more regular of the two and IDs as the offl voice of the FMLN. The appearance of this stn, described as extreme rightwing by people who sent an initial recording to DPA, has caused much diverse comment (WBI 31/7)

LV del CID Monitoring 1-17 July: R Clarín's xmr on 11700 is now obs carrying pgms in SP from this at 11-02, except for occl relays of entertainment pgms and brief nx summaries from R Clarín's local MW svc for listeners in the Dom Rep. CID mmt bcs pgms hostile to Fidel Castro and the Cuban govt. Another V of CID stn, R Camilo Cienfuegos, now hrd 12-0705 on 9940, 0725-1140 on 6305 (WBI 24/7) CID also responsible for most of the disruption at PanAm games (gh)

DOES THIS TYPE SATISFY MORE READERS THAN THAT USED IN JULY & AUGUST? 73 de Glenn

# QSL REPORT

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

**ALASKA:** KNLS 11930 f/d "Studio" cd. in 1 1/2 wks. for ms. (Wallace-MA). f/d "Station in Winter" cd. w/ schedule. (Shaver-OR). 11700 verbal QSL rcvd. via phone call from F.M. Perry, Chief Engineer. He suggested that I write for a QSL cd. I did. (Mosman-KS).

**ARGENTINA:** Radio Rivadavia LS5 4588 f/d cd. in 38 ds. for 2 IRCs.

v/s Ing. Jorge Armando Falcone. (Rutsch-SWIT).

**ASIATIC RUSSIA:** Radio Moscow 15295 via Nokolayevsk-on-Amur f/d cd. in 2 mo. (Allen-OK). 12050 via Khabarovsk cd. in 52 ds. (Darling-PNG). 9625 via Chita f/d cd. in 52 ds. (Darling-PNG).

**AUSTRALIA:** Radio Australia 9580 via Shepparton f/d "Barossa Valley" cd. in 22 ds. (Davission-OH).

15415 via Carnarvon cd. in 16 ds. (Darling). 15395 f/d cd. in 16 ds. (Darling). 15160 via Shepparton f/d cd. in 16 ds. (Darling). VL8T 2325 via Tennant Creek f/d cd. in 32 ds. for 1 IRC.

(Darling). VLR6 9680 via Lyndhurst f/d cd. in 1 mo. for 1 IRC. (Darling). VLH11 11880 via Lyndhurst f/d cd. in 1 mo. for 1 IRC. (Darling). VLH15 15230 via Lyndhurst f/d cd. in 19 ds. for 1 IRC. (Darling-PNG). Radio Japan 9580 via Radio Australia p/d special "Hands Across the Airwaves" cd. in 2 mo. v/s Kazushi Matsuda. (Wallace-MA).

**AUSTRIA:** Radio Austria International 6155 f/d "Traditional Costumes" cd. in 23 ds. for 1 IRC. Schedule, report form and station stamp rcvd. (Morby-NY).

**BALI:** RRI Denpasar 3945 cd. in 166 ds. after a f/up rpt. in IN w/ SASE and IRCs. My second report took only 32 ds. (Darling).

**BOLIVIA:** Radio Panamericana 6106 "Map/Logo" cd. w/ personal ltr. in only 15 ds. for a SP

\* rpt. and ms. v/s Daniel Sanchez Rocha, Director. (Van Horn-FL). Radio El Mundo 6015 f/d cd. w/ ltr. from Freddy Banegas Carrasco, Jefe Administrativo; post card rcvd. from Gina Mosciaro, Secretaria and another ltr. from Roberto Aguirre Duran asking for info on American music groups for his program "Discomundo". Also rcvd. large pennant. All in 5 wks. for a SP rpt. and US \$1.00. (Howard-CA). Radio Uchiza 4193.8 p/d ltr. in 2 mo. for a SP rpt. and used stamps. v/s Atahualpa L. Cantuta Valdivia. Address: Av. Atahualpa No. 1140, Uchiza, San Martin. (Barto-CT).

**BRASIL:** Radio Clube do Para 4885 n/d ltr. w/ prepared cd. in 18 ds. after a f/up rpt. in PT w/ US \$1.00. (Wilkins-CO). Radio Globo 11805 f/d "Harbor" cd. in 23 ds. after a f/up rpt. in PT. Also sent station a taped rpt. and ms. (Kashiwabara-CA). Radio Araguaia 4905 f/d form ltr. w/ sticker in 80 ds. for a PT rpt. and ms. v/s Paolo Magno. QSL was via Radio Anhanguera. (Wilkins).

**CAMEROON:** Radio Yaounde 4850 f/d ltr. in 35 ds. on my 5th try! for US \$1.00 v/s James Achanyi Fontem. (Wilkins).

**CANADA:** Radio Japan 5960 via RCI f/d "Tanabata Festival" cd. in 22 ds. (Van Horn). f/d "Sackville" cd. in 14 ds. for 1 IRC. Handwritten on cd. .... "On the Private basis, as Radio Japan has stopped issuing the formal QSL card." (Buer-FL). CKZU 6160 via Vancouver cd. in 26 ds. for 1 IRC. (Darling).

**CAPE VERDE ISLANDS:** Radio Voz de Sao Vicente 3930 p/d cd. in 35 ds. for a PT rpt. and several f/up rpts. v/s Carlos F. Goncalves, Director. Since Oct. 84 the SW service is now called the Radio Nacional de Cabo Verde FM Service. (D'Angelo-PA).



Communist Party of Iran  
The Committee Abroad

حزب کمونیست ایران  
کمیته مطرغی و فرسودر

شماره  
تاریخ

No. ....  
Date 4/1/1997

Mr. Sam Barto  
47 Prospect Place  
Bristol, CT 06010  
U.S.A.

Dear Mr. Barto,

Thank you for your reception report of the Radio Voice of the Communist Party of Iran.

We hereby confirm that your reception of Jan. 11, 1997 between 0410 and 0430 UTC on 3890.6 MHz was in fact the Radio Voice of the CPI.

The Voice of the CPI is the main radio of the Communist Party of Iran and has been in operation since the founding of the Party in September 1980. The Russian organization of the CPI (Moscow) also operates a radio called the "Voice of the Iranian Revolution" (since about 4 years ago). A full schedule of the programmes of both radios is hereby enclosed.

Please also find enclosed the Programme of the CPI in English. If you wish to find out more about the Communist Party of Iran, its aims and activities, you may subscribe to our English-language paper called "Solomon's Hammer". In this journal we also print from time to time translated material from our radio broadcasts. A subscription form is enclosed.

We wish you well in your work.

Yours sincerely,  
B. M. Khatami  
On behalf of the CPI - The Committee Abroad

Communist Party of Iran  
The Committee Abroad

To contact the CPI-CA, please write to any of the following addresses:  
P.O. Box 10048, 104 85 Stockholm, Sweden.  
Box 3004, London, WC1E 3FF, England.

Dear friends,

Kignli May 29<sup>th</sup>, 1973

Radio Rwanda thanks you for the listening report you sent to us, hoping that you will continue to listen in to our broadcasts. Radio Rwanda broadcasts in the 49 m band on 6055 kc. with 50 kW over omnidirectional antennas from 01.30 to 07.00 GMT, 09.00 to 12.00 GMT, and 13.30 to 21.00 GMT. In Kinyarwanda, Kinyarwanda, French, and English. Sat. and sun. also from 12.00 to 13.30 GMT.

via Frank Orcutt

Sincerely yours,  
Radio Rwanda

Chers amis,

Radio Rwanda vous remercie du rapport d'écoute que vous avez bien voulu lui faire parvenir et espère vous retrouver à l'écoute de ses émissions diffusées de 01.30 à 07.00 GMT, de 09.00 à 12.00 GMT, et de 13.30 à 21.00 GMT. Nous émettons dans la bande des 49 m, sur 6055 kc, avec une puissance de 50 kW, sur antenne omnidirectionnelle. Nos programmes sont diffusés en langue Kinyarwanda, Kinyarwanda, Française et Anglaise. Samedi et Dimanche aussi de 12.00 à 13.30 GMT.

rpt. and 2 IRCs. v/s Roberto Huerta A. (Archer-NC).

**CHINA, PEOPLES REP. OF:** Radio Beijing 15445 cd., schedule and magazines in 24 ds. (Darling). Qinghai PBS 6260 via Xining f/d "Budda" cd. in 3 wks. via Beijing. (Orcutt). Fujian PBS 4975 f/d ltr. in CH direct from station w/ "Islamic Sacred Cemetery" cd. in 21 ds. for an EG/CH rpt. (Shaver). Sichuan PBS 5900 via Chengdu f/d "Chairman Mao Memorial Hall" cd. in 3 wks. w/ schedule via Beijing. (Orcutt). Yunan PBS 6937 via Kunming f/d "Peihai Park" cd. in 3 wks. via Beijing. (Orcutt). Hunan PBS 4990 p/d "Great Wall" cd. in 28 ds. direct from station for an EG/CH rpt. (Shaver).

**CLANDESTINE:** La Voz del CID 9940 cd. in 30 ds. for 1 IRC. (Darling). Radio Truth 5015 f/d \* prepared cd. in 4 mo. for US \$1.00. Also rcvd. booklet explaining stations views and aims. (Kusalik-ALB). Voice of Unity - Radio Muslim Mujahideen of Afghanistan 11490 very nice green cd. in 5 1/2 mo. for an EG rpt. and US \$1.00. Card was in Dari, Pushtu and EG. \* (Kusalik). Voice of the Communist Party of Iran 3880.6 f/d ltr. in 2 mo. via Swedish address (See illustration). Also rcvd. booklet titled "Programme of the CPI". Schedule and other data rcvd. (Barto-CT).

**COLOMBIA:** Radio Cadena Nacional - Emisora Nueva Granada 6160 p/d personal ltr. for a SP rpt. and ms. v/s Antonio Pardo Garcia, Gerente. (Allen-OK). p/d ltr. in 3 mo. for a SP rpt.

Mr. Andrew P. Rugg,  
16 Lake Avenue Ave.  
Pointe Claire, Quebec H9S 5H9  
O A N A D A

Dear Sir,

We have the honour to confirm the exactitude of your listener's reports of Radio Cameroon Bafoussam and Radio Cameroon Garoua. You heard Radio Cameroon Bafoussam in Quebec, Canada on the frequency 4000 khs in the 75mb between 2254 - 2305 UTC on Sunday, December 21, 1966.

The programme you heard were in the French language.

Also on the 11th March 1967, you heard Radio Cameroon Garoua on the frequency 5010 khs in the 58mb SW between 0523 - 0547. The reception was poor because it was at the time the highest temperatures are recorded in the region.

In the month of March, temperatures reach the high point of 48°C and it considerably affects the transmissions by radio in the region.

That morning, you heard the mozen prayer which was followed by the national and world news in English relayed from Yaounde. So, what you heard was a retransmission and the quality was obviously going to be low.

We thank you very much for having taken time to write to us. We hope to read from you again. I guess you picked up my address in a DK-magazine, and you would also have read about CATHCA, the AID-PROGRAMME for handicapped children in Cameroon. We would like to see you and other listeners from Canada give assistance to these disabled children. Any handsome amount will do as help to CATHCA.

Please accept our sincere compliments from Cameroon. /-

Radio Télévision Tchad International  
Your radio-TV Club de l'ouest des Camerois

*Frédéric B. B. B.*

**CELEBES:** RRI Gorontalo 3265 prepared cd. in 32 ds. for SASE.  
\* (Darling). RRI Kendari 4000 p/d "Logo" cd. in 20 ds. for an IN rpt. and US \$1.00. v/s H. Sjahbuddin, B.A. Addr: Jalan Laute Mandonga. (Wilkins-CO).  
**CHAD:** Radio Nacional Tchadienne 4904.4 n/d natives cd. in 44 ds. for a FR rpt. and 2 IRCs. (Archer).  
**CHILE:** Radio Nacional 15140 prepared cd. in 662 ds. for a SP

**COSTA RICA:** Radio Impacto 6150 f/d prepared cd. in 56 ds. for a SP rpt. and 1 IRC. v/s Fernando Montero Duran. Also rcvd. pennant and sticker. (Schmitz-FRG). Radio Casino 5954 f/d cd. w/ pennant in 10 mo. for a SP rpt. (Field). Adventist World Radio - Radio Lira 15460 f/d green "Antenna" cd. in 32 ds. for 3 IRCs. v/s David L. Gregory, Chief Engineer and Manager. (Davis-NM).  
**CUBA:** Radio Rebelde 5025 n/d cd. w/ personal ltr. in 6 wks. for a SP rpt. Pennant rcvd. (Field). CMKV Radio Rebelde 4200 and 3600 n/d cds. w/ pennants in 6 wks. for a SP rpt. (Barto-CT).  
**CZECHOSLOVAKIA:** Radio Praha 7345 f/d cd. in 37 ds. (Davisson). 21705 cd. in 26 ds. (Darling).  
**DODECANESE ISLANDS (Rhodes):** VOA 11960 f/d cd. in 16 ds. on my 3rd try! (Allen).  
**DOMINICAN REP:** Radio Discovery 15045 p/d cd. w/ personal ltr. in 5 ds. Fastest ever in 20 yrs!!! (MacHarg).



#### STATION PENNANTS OF THE WORLD:

When first introduced two years ago, this publication was a tremendous success. With the assistance several pennant collectors throughout the world, hundreds of additional pennants, illustrations and related information has been incorporated into the "Pennant Book". The following sections have been revised are are now for sale:

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

Example: The South American section contains approximately 600 listings, 370 illustrations and more than 70 pages packed with information.

Send your orders to: Sam Barto  
47 Prospect Place  
Bristol, CT 06010 USA

**Radio GUATAPURÍ**  
25 KWTS

4815 KCLS ONDA CORTA  
HJNS-740 KELS  
ONDA LARGA  
BANDA DIFERENCIAL  
HJBO-3001 KCLS FM

LA PRIMERA EMISORA DEL CESAR

**ECUADOR:** Radio Quito 4920 n/d folder cd. w/ paper and cloth pennant in 5 mo. on my 2nd try for a SP rpt. (Field). La Voz del Upano 5040 f/d prepared cd. in 289 ds., 66 ds. after a f/up rpt. in SP w/ ms. and a taped rpt. (Kashiwbara). f/d ltr. in 2 mo. for a SP rpt. and ms. v/s Luis Rivadeneira R. (Rutsch-SWIT).

**ENGLAND:** VOA 7200 via Woofferton n/d cd. in 14 ds. (Ponder-LA).

**EQUATORIAL GUINEA:** Radio Africa 9555 QSL on XMAS cd. in 26 ds. for \* 1 IRC. v/s Patrick D. Closser. Apparently the US representative for Radio Africa is Pierce International Communications, Saratoga, CA. (Darling-PNG).

**ESTONIA:** Radio Tallinn 5925 cd. w/ schedule and pennant. (Field-MI).

**VERIFICATION SIGNERS:** Radio Federacion 4960 Juan Timian, Locuter Program Castellano. Radio Rio Amazonas 4870 Prof. Marco C. Diaz D., Gerente Proprietario. Radio TV Malaysia 490 Baharduzaman Ampong. Radio Encarnacion 11940 Prof. Alejandro Mongi Chaffai, Director General de la Tele-diffusion Tunisienne. La Voz de Carabobo 4780 Thamaha Moratino, Secretary. Radio Globo 11805 Cesar Luiz Calmon, Chefe de Operacoes & Producao de Audio. La Voix de la Revolution 3300 Laurent Rdikumwani, Technical Director. La Voz de Yopal 5049 Lilia Silva, Director. Radio Guatapurí 4815 Isabel M. Valverde C.....via Play DX...Thanks Darlo. FRGN Enugu 6025 Louis Nmmuchi, Chief Engineer. Radio Zambia 4911 Patrick Lungu. Radio Comoro 3331 Antufi Mohamed Bacar. La Cruz del Sur 4875 Rodolfo Moya Jimenez. Radio Universo 9565 Hermes Y. Akiyama. Radio Bangui 5035 Michel Bata.

**RADIO TROPICAL**  
1040 KCLS  
10000 VATTIOS

CAROLINQUILLA COL

Lapierre, Director. Radio America 9510 Luis Angel Pinasco, Director. Radio Chanchamayo 4895 Augusto Espejo Portocarrero, Director-Gerente. Radio Venceremos 6620 Yaramino Guerra S. Radio Uganda 4976 Rachel Nakibouka, Secretary. Radio Thailand 9655 Bubpa Laemluang, Chief of

## inravisión

radiodifusora nacional de colombia



ONDAS MEDIAS:  
570 y 600 KHz

ONDAS CORTAS:  
4.955 - 6030 y 8635 KHz

F. M. ESTEREO: 98.9 Mhz

BOGOTÁ D. E.

**FRANCE:** Radio France International 3965 f/d "Arc de Triomphe" cd. in 25 ds. w/ schedule. 4kws! (Wallace-MA).

**GABON:** Adventist World Radio 9630 w/ Africa No. 1 f/d cd. w/ personal ltr., pennant and sticker in 2 mo. (Field). Radio Japan 11800 via ANO p/d "Rice Fields" cd. in 21 ds. (Van Horn). 6120 "Tea Plantation" cd. in 52 ds. (Levison-PA).

**GERMAN DEMOCRATIC REP:** Y35 4525 Time Station n/d folder cd. in 3 mo. for 2 IRCS. (Allen-OK).



RADIO REPUBLIK INDONESIA SURAKARTA  
Jl. Arconi no. 1, Sala  
Central Java - INDONESIA

Surakarta, 9 April 1980

Dear Mr. Richard E. Davis

We are very pleased to receive your letter dated 29 March 1980 containing report on reception of our station.

It is quite right that the programme you monitored was coming from RADIO REPUBLIK INDONESIA Surakarta.

Your report will be of value to our technical staff. We look forward to your next letter. Thank you.

Sincerely Yours

*Harsoedjono Permono*

Head of Programming Section

GERMANY, FEDERAL  
REP. OF: Radio Liberty 15380 p/d cd. w/ site presumed in 6 ds. via NYC address. (Brouillette-IL).  
\* Radio Free Afghanistan 7295 via RFE/RL white and yellow cd. w/ transmitter site indicated in 16 ds. via the RFE/RL site: Lampertheim. (Kusalik). 9680 same data as above except site is Holzkirchen. (Kusalik-ALB).  
GREECE: Radio Station Macedonia 9935 p/d cd. in 2 mo. (Barto).  
GREENLAND: Kalaallit Nunaata Radioa

RADIO JORNAL DO BRASIL

3999 p/d cd. in 2 mo. (Barto).

GUAM: KSDA 11980 f/d cd. w/ schedule in 24 ds. (Allen). special "Three Angels Message Trumpet" cd. w/ sticker and pennant in 38 ds. v/s Dixie Roberts. (Kusalik-ALB). same cd. in 1 mo. w/ schedule, sticker and pennant.

GUINEA REP: Radio Television Guinea 4900 f/d ltr. in 1 yr. (Buer-FL). for 2 IRCs. (Rutsch-SWIT).

HONDURAS: HRRI Sani Radio 4755 f/d ltr. w/ schedule in 146 ds. for a SP rpt. and US \$1.00. v/s Edward A. Pfister. (Ponder-LA).

HONG KONG: VPS60 13020.4 Time Station f/d ltr. in 1 mo. for ms. v/s H.M. Chow. (Wallace-MA). \* f/d ltr. in 44 ds. for ms. and 2 IRCs. (Davis-NM)... How'd I get two of these?

INDIA: All India Radio 11620 f/d cd. in 73 ds. (Washburn-ME). 11865 via Delhi cd. in 26 ds. (Darling). 4840 via Bombay f/d

"Parsvanatha Temple" cd. in 95 ds. v/s H.O. Agrawal, Director of Frequency Assignments. (Schmitz-FRG).

IRAN: IRIB 9022 f/d cd. w/ pennant in 4 mo. (Field). ITALY: RAI 5990 f/d "Canal" cd. in 182 ds. (Davisson).

JAVA: RRI Jakarta 9680 cd. in 46 ds. for an IN rpt. and SASE. v/s M. Arsyad Subik BA., Station Manager. (Darling-PNG). 4774 p/d cd. in 113 ds. for a taped rpt. and 1 IRC. (Rutsch). RRI Yogyakarta 5046 cd. in 185 ds. for an

\* IN rpt. and ms. (Buer-FL). RRI Cirebon 2390 prepared cd. w/ ltr. in 45 ds. for SASE. v/s Mohamad Alibasyah, Kepala Seksi Siaran. Station uses a 1 kw. TCA transmitter into a 30

meter half wave Delta match. (Darling). RRI Semarang 3935 prepared cd. in 16 ds. for SASE. v/s

Mardamom, Kepala Teknik. Addr: Jalan A. Jani 144-146 (P.O. Box 74), Sema-

\*rang. (Darling). RRI Malang 3380 prepared cd. w/ personal ltr. in 49 ds.

for SASE. v/s Slamet Soeratno, Kepala \* Seksi Teknik. (Darling). RRI Purwokerto

2470 prepared cd. in 55 ds. for an IN rpt. and SASE. Addr: Jalan Jendral Soedirman 427,

(Darling). RRI Bandung 3204 p/d ltr. in 23 ds. for an IN rpt. and ms. v/s Drs. R. Baskara,

Kepala. (Davis-NM).

KASHMIR: Azad Kashmir Radio 4790 f/d personal ltr. in 88 ds. after a f/up rpt. for 1 IRC. v/s Yar

Mohammed Khan, Engineering Manager. (Schmitz-FRG).

KIRIBATI: Radio Kiribati 14802 f/d "Typical Island Apparel" cd. (or lack thereof) in 2 mo. (Barto).

cd. in 25 ds. for 1 IRC. v/s Mrs. T. Paeniu. (Darling)

LATVIAN SSR: Radio Station Peace and Progress 12020 cd. in 46 ds. (Archer-NC)... Did PP start putting sites on their cds?... Sam... I hope so.

via Ernie Behr  
H.C.V.G. 8  
LA VOZ DE GALAPAGOS  
MISION FRANCISCANA



GALAPAGOS  
ECHO SAOR

emisora  
VOZ DEL UPANO  
HCVB-7



1540 kHz. onda media  
5040 kHz. onda corta  
MACAS  
MORONA-SANTIAGO  
Agosto-5-1984

# ELBC

via Al Nuck

## THE SOUND OF PROGRESS

BROADCASTING TO THE WORLD SINCE 1960

LIBERIAN BROADCASTING SYSTEM  
P.O. BOX 594, MONROVIA, LIBERIA.

LUXEMBOURG: Radio Luxembourg 15350 f/d "Coat of Arms/Antenna" cd. in 12 ds. for a FR rpt. and 2 IRCs (returned). Also rcvd. photo of DJs and sticker. Rpt. was sent to the address in France after several tries direct. (Brouillette-IL).

MALAGASY REP: Radio Nederland 9540 f/d cd. w/ sticker in 24 ds. Post card rcvd. (Ponder-LA).

MALI: Radio TV Mali 4783 p/d "Map" cd. in 144 ds. for a FR rpt. and ms. (Rugg-QUE).

MALTA: Radio Mediterranean 6110 f/d cd. via IBRA Radio-Stockholm in 22 ds. (Rugg).

MARSHALL ISLANDS: WSZO 4940 ltr. in 25 ds. for 1 IRC. (Darling). (Barto-CT).

MEXICO: XEQK 9554.9 p/d ltr. in 7 wks. for a SP rpt. v/s R. Humberto Estevane Torres.

MOLUCCA ISLANDS: RRI Ternate 3345 f/d ltr. on "official stationary" in 120 ds. for an IN rpt., IRCs and ms. (Cones-VA).

MOROCCO: Radiodiffusion Television Marocaine 15335 p/d ltr. in 41 \* ds. for a FR rpt., ms and a taped rpt. v/s Brahim Barrous.

MOZAMBIQUE: Radio Mocambique 7242.5 and 3347.3 (Eckert-PA).

f/d "Map" cd. in 3 mo. for a PT rpt. (Barto).

NEW CALEDONIA: RFO 7170 m/d large multi-colored cd. in 2 mo. for ms. (Wallace-MA).

NEW IRELAND: Radio New Ireland 3905 p/d ltr. in 2 mo. for ms. v/s Kathleen Sakias. (Allen-OK).

NEW ZEALAND: Radio New Zealand International 15150 f/d "Native Wood Carving" cd. w/ brochure, pennant and schedule in 22 ds. for 3 IRCs. v/s Rudi Hill, Station Manager. (Morby-NY).

NIGER: ORTN - La Voix du Sahel 5020 f/d prepared cd. w/ personal note in 6 wks. for a FR rpt., SASE and ms. v/s Yacouba Alwali. (Wallace). f/d ltr. on graph paper in 43 ds. for a FR rpt. and 2 IRCs.

Yacouba asked for "une revue photo porno ou un catalogue video Film Porno 1987". Maybe I should send him my Chad QSL which arrived the same day!! Hi. (Archer-NC). f/d ltr. in 33 ds. for a FR rpt. and 2 IRCs. (D'Angelo-PA).

PAKISTAN: Radio Pakistan 17835 f/d cd.

in 2494 ds. for a 1980 reception (was it by air? Sam.) (Archer-NC). 15115 f/d "Broadcasting House" cd. in 35 ds. for ms. (Archer). 17660 p/d cd. w/ ltr. in 57 ds. In 29 yrs. of sending rpts. this was my first reply from PBS. (Washburn-ME).

PAPUA NEW GUINEA: NBC 4890 Port Moresby f/d "Map" cd. in 125 ds. w/ schedule for 2 IRCs. v/s Timothy Dickon, Technical Officer. (Morby).

\* Radio Enga 2410 f/d cd. in 5 wks. via Boroko. Same v/s as above. (Kusalik-ALB).

PERU: Radio Union 6115 f/d "Machu Picchu" cd. in 6 wks. on my second try w/ a SP rpt. v/s D. Sanchez,

\* Gerente. (Field). Radio Santa Rosa 6045.5 f/d prepared cd. w/ personal ltr. in 1 mo. after a f/up rpt. in SP w/ ms. v/s P. Juan Sokolich A., O.P. Director. (Allen-OK). Radio America 6010 f/d "Map" cd. in 60 ds. after 2 f/up rpts. in SP for 1 IRC. v/s Luis Angel Pina-

sco, Gerente. (Schmitz-FRG). Radio Inca del Peru 4770 paper cd. w/ stickers and poster in 395 ds. for a SP rpt. and ms. (Darling). Radio Andina 4996 f/d prepared cd. w/ personal ltr. in 154 ds. after 2 f/up rpts. in SP for 1 IRC. Also rcvd. various station pennants ...



ГОСУДАРСТВЕННЫЙ КОМИТЕТ СТАНДАРТОВ  
СОВЕТА МИНИСТРОВ СССР  
THE STATE MINISTRY OF STANDARDS  
OF THE COUNCIL OF MINISTERS OF THE USSR

Господину А. Дж. Нуффу  
РД-2 П.О. 542  
Виснофиял  
Пенсилявизия ИОИОС  
С Ш А

via Al Nuck

Уважаемый господин Нуффу,

В ответ на Ваше письмо относительно передачи радиостанции РЕМ виснофиял Вым бюллетень В 02/1977 "Отраженные сигналы частоты и времени", в котором Вы просите найти интересующую Вас информацию о работе этой радиостанции. Обращаем Ваше внимание на то, что с 1<sup>го</sup> января 1977г. радиостанция, работающая на частоте 15 004 кГц, сигнала которой Вы слышали 1.02.77г., имеет позывной РДЛ.

Пользуясь случаем, виснофиял Вы также расписание передач сигналов на 1978г.

С уважением,

В. Лучарь,  
Начальник Управления  
Внешних Связей  
Госстандарта СССР

and souvenirs. v/s Teodosio Munoz Juga, Administrator General and Angelica Bastidas de D. (Schmitz-FRG). Radio Huancayo 5950 f/d prepared cd. w/ personal ltr. in 36 ds. after several f/up rpts. in SP for 1 IRC. v/s Ana Maria Cabana Rosas, Secretaria. Report was sent to the Lima address: Francisco Masias 575, San Isidro, Lima. (Schmitz). Radio del Pacifico 9675 f/d ltr. via registered mail in 95 ds. for a SP rpt. and ms. (Van Horn).

**PHILIPPINE ISLANDS:** FEBC 11850 via Boucaue f/d "Sailing" cd. in 3 mo. w/ personal ltr., schedule, sticker and pennant. v/s Alida Landman, QSL Secretary. (Field). Radio Veritas 11755 cd. in 33 ds. (Darling).

**PORTUGAL:** Radio Free Afghanistan 11725 via RFE/RL \* f/d "Transmitter Site" cd. in 16 ds. Also rcvcd. booklet and station sticker. (Kusalik).



**SAIPAN:** KYOI n/d WCSN QSL cd. in 18 ds. w/ CSN program schedule and a 4 page ltr. This is a WCSN cd. for a KYOI report to the Boston address which was given on the air by KYOI. (MacHarg)... Clear???

**SINGAPORE:** Singapore Broadcasting Corp. 11940 f/d "Fireworks" cd. in 29 ds. for 2 IRCs. (Mosman-KS).

**SOLOMON ISLANDS:** SIBC 9545 f/d "Logo" cd. in 1 mo. for ms. and US \$1.00. (Wallace).

**SOUTH AFRICA:** Southern Sounds 3927.3 p/d ltr. w/ sticker in 6 wks. (Barto) 3927 ltr. w/ sticker and schedule in 33 ds. for 1 IRC (returned) v/s Robert E. Edwards. (Darling). Radio RSA 9615 f/d "Zebras" cd. in 15 ds. w/ schedule and tourist information for 1 IRC. (Brouillette).

**SRI LANKA:** VOA 15250 via Colombo f/d "White House on a Winters Evening" cd. in 14 ds. (D'Angelo). Sri Lanka Broadcasting Corp. 11835 f/d "Studio/Building" cd. in 55 ds.

**SUMATRA:** RRI Pekanbaru 5885 f/d ltr. in 5 mo. for an IN rpt. (Barto-CT). (MacHarg).

**SWAZILAND:** Trans World Radio 4760 f/d folder cd. in 76 ds. for 3 IRCs. (Archer-NC).

**SWEDEN:** Radio Sweden International 9695 "Earth From Space" cd. in 34 ds. w/ schedule. (MacHarg). same cd. in 29 ds. v/s Clauidi Stephenson. (Karlsson-CA). 15420 via Varberg (Home service on SSB) f/d cd. w/ schedule in 17 ds. (Kusalik-ALB).

**SYRIA:** Radio Damascus 7455 f/d cd. from the GM \* Service for a GM rpt. in 173 ds. and 1 IRC. Reply was via registered mail. (Rutsch). 12085 f/d "Logo" cd. via registered mail in 256 ds. (Mosman-KS).

**TAIWAN:** Voice of Free China 11825 f/d cd. in 32 ds. (Darling).

**UKRAINIAN SSR:** Radio Moscow 11790 via Simferopol f/d cd. in 59 ds. v/s Miss Olga Milyaeva. \* (Archer). 4795 and 4060 via Kharkov f/d cds. in 52 ds. (Darling-PNG).

**UNITED ARAB EMIRATES:** Voice of the UAE 4905 cd. \* in 44 ds. for 1 IRC. Addr: P.O. Box 63, Abu Dhabi. (Darling).

**USA:** WCSN 7365 n/d cd. w/ religious information in 87 ds. for ms. (Rutsch). n/d "Christian Science Center" cd. in 84 ds. w/ schedule. (Wilkins-CO). n/d cd. in 10 wks. (Field). in 23 ds. w/ newsletter for ms. (Brouillette-IL). n/d cd. w/ fact sheet in 42 ds. for a taped rpt. and ms. (Kashiwabara). same in 82 ds. (D'Angelo-PA).

PERMITS/PERMISSES No. 1  
 DEPARTMENT OF RADIO AND TELEVISION  
 DEPARTMENT OF TELECOMMUNICATIONS  
 25A VICTORIA ROAD SINGAPORE 11  
 \*\*\*\*\*

Allowed : Jalan, Merdeka No. 68 Telokong No. 21000 - 21001 - 21101 -

Number of, 12 Month 1987

K a p a a

Tth, Puan R. W. S. L. Lim  
 7977 Jooe St.  
 Puanee City, No. 1000  
 S.S.A.

Manuel Zam,  
 Surat Tuan untuk kami terima dan kami ungkapi rasa terima kasih yang sangat berterima kasih atas kesediaan Tuan, untuk mengemukakan surat - surat kami, pada tanggal 8 Juni 1986, jam 10.30 - 20.10 waktu Indonesia bagian Timur. Kami sangat senang dengan adanya tanggapan di luar negeri dan program surat yang Tuan berikan dari Stasiun RRI Magelang di Mande - harti adalah :

- \* 10.30 - 20.10 Waktu Kristen dengan lampunya malam dititik alah Tam Berita Penjualan.
- \* 20.30 - 20.10 Waktu Berita diberikan oleh Kamelia Harista yang sangat baik sebagai pengantar.
- \* 20.10 - 20.30 Waktu dengan (Country) diberikan Group The Classic.

Penerjemah kami yang Tuan berikan bertepatan 1 Kilowatt. Dengan data untuk surat transmisi 3000 Hz dan gelombang 75.24 Meter.

Tak lupa berterima kasih kepada pihak U.S.A. kami akan setia, atas perhatian dan kami ucapkan terima kasih.

Mila  
 Apabila Tuan bersedia, untuk memberikan laporan atau data buku kami, bahwa ada tanggapan di luar negeri (U.S.A.) seperti Tuan sendiri, maka kami akan diberikan photo Tuan atau photo keluarga Tuan, untuk diha - diklan pada waktu pameran Pemasangan anti di Kota Mandeheri, tanggal 1 Oktober 1987. Setelahnya kami ucapkan terima kasih.

Kepala Stasiun RRI Regional II

RADIO **inca**

lider  
 en  
 musica  
 tropical  
 andina!

057 46 5400Hz  
 057 46 5400Hz  
 057 46 5400Hz  
 057 46 5400Hz

Tima-Paru



USA: WCSN 15390 n/d cd. in 31 ds. (Davisson).  
 15395 cd. in 49 ds. (Ponder). cd. w/ sched-  
 ule in 54 ds. (MacHarg-IN). WHRI 5995 f/d  
 "Logo" cd. in 3 mo. for SASE. (Wallace).  
 KVOH 17775 f/d "Transmitter" cd. in 60 ds.  
 w/ sticker and schedule. v/s David Lawrence,  
 Program Director. (Ponder). cd. in 64  
 ds. for 1 IRC. (Darling). KCBI 11735 f/d  
 cd. in 36 ds. (Ponder).

UZBEK SSR: Radio Moscow 15490 f/d "Railway  
 Terminus" cd. in 7 wks. w/ site. (Wallace).

VENEZUELA: Radio Tachira 4830 p/d ltr. in 33  
 ds. for a SP rpt. and ms. v/s Eleazar Sil-  
 va M., Coordinator General. (D'Angelo).  
 p/d ltr. in 40 ds. on my 4th try w/ a SP  
 rpt. and 2 IRCs. (Van Horn-FL). n/d ltr. in  
 4 mo. for a SP rpt. (Field). La Voz de Car-  
 abobo 4780 p/d "Microphone" cd. in 20 ds.  
 for a SP rpt. and US \$1.00. This was on my  
 6th reception rpt. v/s Thamara Moratinos.  
 (Wilkins-CO). p/d cd. in 24 ds. for a SP  
 rpt. and US \$1.00. same v/s as above plus  
 Jairo Salazar R. (Rutsch-SWIT).

WEST BERLIN: Radio In American Sector 6005  
 p/d "Broadcasting Center" cd. in 3 wks.  
 for 2 IRCs. (Fisher-MA). same in 15 ds. for ms. Also  
 rcvd. stickers and schedule. (Davis-NM). cd. in 19 ds.  
 for 2 IRCs. (Archer). p/d cd. in 37 ds. (D'Angelo).

WEST IRIAN: RRI Fak-Fak 4790 personal ltr. in 148 ds. for an SASE. v/s Umar Musadna BA.,

\* Kepala. Also sent station a prepared cd. which was not used. (Darling). RRI Wamena  
 4870 prepared cd. w/ personal ltr. in 154 ds. for an SASE and 1 IRC. (Darling-PNG).

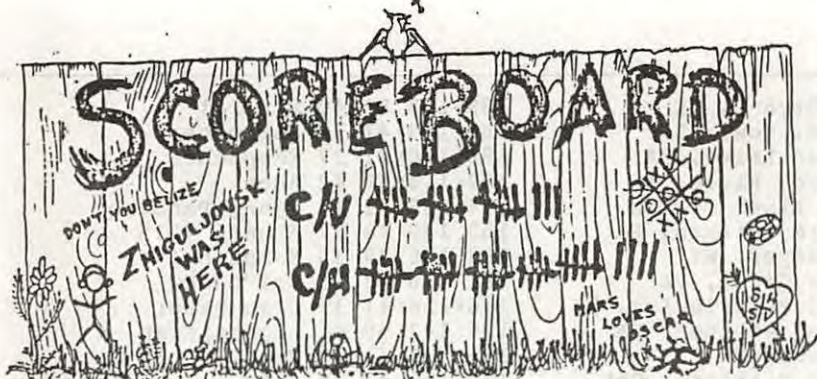
ZANZIBAR: Radio Tanzania Zanzibar 11735 f/d ltr. in 35 ds. after several years of trying!  
 v/s Mr. Abdul Rahman Moh'd Said, Chief Engineer. C/V #215! Congrats. (Kusalik).

Several nice QSLs this time around. Hope everyone had a good summer.  
 There were a few good DX openings especially in the morning hours here in New England.  
 Presently I'm repairing several antenna systems so well see what the winter season has  
 to offer. Till next time.....

73s

*Sam*





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

September 1987

Greetings once again and welcome to the Scoreboard. We offer the opportunity to all to share their DX totals through the quarterly Scoreboard. This quarter the Spotlight is on Asia. Remember that C/H = countries heard and C/V = countries verified. Country counts are by the official NASWA Radio Country List available from Headquarters. The next Scoreboard will appear in the December issue of PRENDX when the Spotlight will be on Europe. The deadline for that issue will be 15 November.

You must update your totals once a year to remain posted on our scoreboard. If you have been deleted due to failure to update, please resubmit updated totals for all categories as your computer data file will have been removed. Many thanks to all who submitted new data for this issue.

Name, State	Total		Asia		Best Asian QSL
	C/H	C/V	C/H	C/V	
James Young, CA	233	222	*		
John Tuchscherer, WI	229			63	Qatar
Gordon Darling, PNG	228	221	64	61	Turkiye Polis
Sam Barto, CT	228	219			
Bob Padula, Australia	223	217	65	64	Bhutan
Gerry Bishop, Phil.	220	204	64	60	Bhutan B.S.
William Flynn, CA	220	202	61	52	BCF Kure, Japan
Jerry Berg, MA	219	217	62	62	Goa
Marlin Field, MI	219	217	60	59	RRI Gorontalo
Nobuaki Takahashi, Japan	218	186			
C. Brian Hamilton, FL	216	188			Hong Kong
Tom Gavaras, MN	215	209	61	58	VTVN Saigon
Al Miller, OH	212	206	58	54	Qatar
John Sgrulletta, NY	209	209	52	52	V. O. Peace
Terry Palmersheim, MN	209	182	59	41	RRI Serui
Mitch Sams, KS	209	124	59	27	Sampang 3056
Bill Harms, FRG	207	139	59	40	KBS Taegu 2510
Larry Abraham, MI	206	192	54	47	Brunei
Ron Howard, CA	205	189	57	51	Maldives
Paul Buer, FL	204	190	53	49	VoPeace 6240kHz
Roland Schulze, FRG	203	193	55	54	Mongolia 5053
C. J. Orekar, CA	203	192	56	54	
Richard Davis, NM	203	188	60	55	RRI Dili
Mark Koukol, IL	203	181			
Alex Vranes, Jr., IA	202	185	55	50	RRI Dili
Harold Cones, VA	200	179			
Steven Lare, MI	200	155	53	40	Hong Kong
Vladimir Cucura, PA	200	106			
Del Fye, FL	198	180	50	46	Ambon
C. Vernon Hyson, NC	197	182	49	43	Sarawak
Jim Uerlings, OR	197	54	61	17	AIR India
Rick Krzemien, IL	196	169	56	48	Bhutan
David Swaringen, NC	193	174	43	35	N Korea
Mike Hardester, PA	191	179	52	47	AFNT Taiwan
Kirk Allen, OK	191	161	49	37	Azad Kashmir
Michael Schmitz, FRG	191	157	54	45	Xizang PBS dir.
Nelson George, NC	190	166	46	39	Tibet
Don Hosmer, MI	190	139	47	33	

John Bryant, OK	189	153	52	40	R Nepal
John R. Tow, AL	188	163	41	34	Kampuchea
Stephen Leite, MA	188	160	41	37	Kampuchea
Christos Rigas, IL	187	164	48	42	Aden
Jerry Lineback, TX	186	107	51	15	Ujung Pandang
Charlie Hoffman, PA	183	149	48	37	Brunei 7215
John Meyer, WI	183	146	49	35	Kampuchea
Hadley Cress, VA	181	8	43	3	Sri Lanka
Sheryl Paszkiewicz, WI	176	156	41	35	Ulan Bator
Charles Wootten, VA	176	147	50	41	Afghanistan
Ken Cobb, ME	176	129	41	32	Nepal
Morley Kirkland, Ont.	172	159	42	36	Laos
Gayle Van Horn, FL	172	142	41	34	Kuching Sarawak
David Jones, TN	170	145			
Tom Laskowski, IN	168	130	31	21	Qatar
Peter Tutak, WA	167	128			
Norman Bobb, MN	167	1	40		
Thomas Giella, TX	166	5			
Tom Daly, NY	164	30	40	5	R Lebanon
Charles Foxx, Jr., VA	157	134	37	30	Both Yemens
Carl Mann, IA	144	124	34	28	Burma 4725
Steve Forst, PA	144	99	29	21	Ulan Bator
Kevin Klein, WI	142	65	31	14	Vietnam
Ichiro Maruo, Japan	139	88	33	21	SBC
Fr. John Eckert, PA	138	100	29	21	S. Korea
Peter Dillon, MD	137	91	33	18	R. Sanaa
Kenneth Hill, MA	135	85	25	19	King of Hope
John Mosman, KS	133	105	22	19	R Baghdad
Dustin Brann, CA	132	63	29	12	AFRTS 3910 kHz
Tom McElvy, VA	117	95			
Jackie Cole, CO	117	82	21	12	Syria
Joe Kremer, IN	115	62	20	10	Iran VIRI
Thomas Ross, IL	110	91	23	18	R Tashkent
Andy Rugg, Que.	108	96	17	13	BBC, Singapore
Don Watts, Quebec	108	61	14	10	Iran
Tom Mooningham, MD	105	60			
David Morby, NY	105	14	21		
Harold Levison, PA	104	85			
Jerry Ervine, TX	100	79	25	8	AIR India
Jim Streitmatter, IN	97		19		Dem Vietnam
Jim Shaver, OR	92	67	18	13	Fujian PBS
Bob Nagel, PA	77	57			
Chris Sweitzer, FL	77	40	15	6	VOA Poro

(• = Totals include Antarctica)

Thanks again to all our contributors. Please share your totals with your fellow DXers through Scoreboard. Remember, deadline for the next Scoreboard will be 15 November and the Spotlight will be on Europe.

Some of you will know by now that I am working and DXing in Georgia. Until I move my family and get a permanent address, we will continue to use the Texas address for Scoreboard. Please contribute your totals. 73s to all.



CONTRIBUTORS LIST \*\*\*\* SEPTEMBER 1987 ISSUE \*\*\*\* DEADLINE = 12th of MONTH

Raymond BAUERNHUBER, Rosedale, NY.(ICF2010); Dustin BRANN, San Leandro, CA. (ICF2010); Paul BUER, Miami, FL.(SPR-4); George COBB, Ticul, Yucatan, Mexico. (DX302/ICF2002); Richard D'ANGELO, Wyomissing, PA.(R70); Peter DILLON, Colombia,MD.(DX400); Ulises FLEMING, Odenton,MD.(CR2021); Art HARRIS, Kings Park,NY.(SX117/HEB0); Michael HAWK, Hampton, VA.(ICF6800W); Hans JOHNSON, San Angelo, TX.(R71A-RF2200); Brian JONES, San Antonio, TX.(R-70);Gregory JORDAN, Gastonia, NC.)R2000/ICF2002); Rufus JORDAN, Pittsburgh, PA.(DX302); Ronald KARLSSON, Temple City, CA.(R2-00); Ken KASHIWABARA, Panorama City, CA. (ICF2010/RF2800); Tom LASKOWSKI, South Bend, IN.(ICF2001); Dale PARK, Honolulu, HI.(ICF6700W); Steve PONDER, Bossier City, LA.(DX300); Wally RHYNE, Gastonia, NC.(R71A/R1000); Daniel SAMPSON, Black River Falls, WI.(R1000/DX400); Roland SCHULZE, Stuttgart, West Germany(R5000/R70); Jim SHAVER, Roseburg,OR. (ICF2010); Raymond SLAGT, Aruba, West Indies(FRG8800/R2000); John TUCHSCHERER, Neenah,WI.(R70/FRG7700); Charles WEISS, South Euclid, OH.(RFB600); Philip WORDB, Austin,TX.(R5000)....

There we have it for another month my friends. Loggings were sort of light this month, but it is most likely because August is the prime Vacation month for most folks. We will be looking for a good increase come the October Issue when most folks will be back from their summer fun and the new DXing Season should be just about getting under way.

Since your editor is also on vacation this week and expecting the arrival of some visiting DXers over the next several days, I will bow out of here for this month and trust that you all had a sunny and fun filled Summer. Until the October ISSUE.

*Best Regards*  
*John*  
8/12/87

**FOR SALE:** The following equipment is from the estate of Hobart C. Beal. One each...

- MJF #571 Signal Enhancer, tunable CW/SSB filter, \$45.00.
- MJF #1045 Preselector, \$45.00.
- MJF Frequency Standard, 25/50/100 kHz, make an offer.
- RA-RO ACA Code Reader. Cost \$129.00, will sell for \$75.00. Used little.
- Realistic TM-152 Stereo Tuner, \$35.00.
- Realistic SA-10 Solid State Amplifier, \$35.00.
- Realistic SA-102 Intergrated Solid State Amplifier, \$35.00.
- ARRL Antenna Book. Updated 14th edition, \$5.00.
- Micranta Regulated Power Supply, make an offer.
- Archer 10db Amplifier, 50-450 MHz, Make an offer.
- Heathkit SK107 Stereo Synthesizer Kit. Make an offer.
- Telex Headphones, \$5.00.
- Realistic Pro 30 Headphones, \$5.00.
- Realistic Extension Volume Control, \$3.00.
- 18 crystals for Drake R-4C radio. Cost \$5.00 each, will sell for \$1.00 each. All of the above are in good to excellent condition. Most used very little. Please send cashiers check or money order for items plus shipping. Ellen Beal, P.O. Box 1246, Walla Walla, WA 99362. Phone (509) 529-0073.



# LOG REPORT

## section A

2000 to 4899 kHz

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

- 2485 AUSTRALIA. VL8K. 1110. EE. Finally heard with "Dont mess with my tutu", on anc and //2310. (2/8 Johnson-TX)
- 2494 MADAGASCAR. RM. 0258-0305. FF. Music and anmt, // 3287. (11/7 Schulze-FRG)
- 3287 MADAGASCAR. RM. 1830-1901. FF. Local music, ID and anmts between selections, S/off @ 1901. (11/7 Schulze-FRG)
- 3305 ZIMBAWE. ZBC. 2135-2200. East African folk music, ID as "Radio 2", NA and S/off with anmts. (5/7 Schulze-FRG)
- 3340 PERU. R. Altura. 0215. SS. Music pgm with LA Trios. (20/7 Slagt-ARUBA)
- 3354 ANGOLA. RN. 2228-2236. PT. ID and native instrumental music. // 3375 and back again on 4952. (6/7 Schulze-FRG)
- 3355 NEW CALEDONIA. RFO Noumea. 1120. FF. DJ with Top 40 programme //7170. Cushen now say's its on 24 hours w/ 7170 being blocked during local pre-sunrise. (8/8 Park-HAWAII)
- 3366 GHANA. CBC. 0600. EE. News by OM //4915. (5/7 Laskowski-IN)
- 3377 JAPAN. NHK-Osaka. 1145. JJ. Talk by OH and YL anncr, JJ song @ 1151, ID and pips @ 1200. (2/8 Johnson-TX)
- 3779 IRAN. VOIRI. 1939-2030. EE. News and reports of war. (9/7 Schulze-FRG)
- 3905 PAPUA NEW GUINEA. R. New Ireland. 1043-1113. PD. Talk and native vocals. (19/7 Kashiwabara)
- 3925 JAPAN. NSR. 0845. JJ. "Canada This Week" pgm. (8/8 Park-HAWAII)
- 3945 JAPAN. NSR. 0945. JJ. Music pgm. (8/7 Shaver)
- 3985 CLANDESTINE. R. Echo of Hope(So.Korea). 1627. KK. OM anncr with western pop mx by Bruce Hornsby, Neil Sedaka, and others. First time noted with pop music rather than native KK music. (9/7 Park-HAWAII)
- 3995 WEST GERMANY(FRG). DW. 0150-0205. GG. Choral music and talk. (1/8 Jordan-PA); @ 0140 with music and talk. (3/7 Bauernhuber)
- 4030 USSR. R. Orbita(Anadyr). 1049. RR. "Happy sounding woman" singing folk music then into "serious" om anncr with talk // 4485. (10/8 Park-HAWAII)(8/8 Shaver)
- 4120 CLANDESTINE. Vo. of National Salvation.(No.Korea). 1015. KK. Probable radio drama w/ urgent sounding music and dialogue //4557. (4/8 Park-HAWAII)
- 4660 BOLIVIA. R. Santa Ana. 0230. SS. Basketball game. (20/7 Slagt-ARUBA)
- 4720 BOLIVIA. R. Abaroa. 0235. SS. Slow mx, clear ID. (20/7 Slagt-ARUBA)
- 4755 HONDURAS. Sani Radio HRR. 0035-0101. SS. Fast talking OH, then into special event broadcast. (26/7 Dillon-MD)
- 4755 PERU. Radio Huanta 2000. 1215. SS. "One fine day" by the Carpenters, ID, ad's, and time anmt. (19/7 Slagt-ARUBA)
- 4790 PAKISTAN. Azad Kashmir Radio. 1558. EE. So. Asian music, "typewriter" theme with OM giving "Pakistan Standard Time", ID and news. (10/8 Park-HAWAII)
- 4800 LESOTHO. RL. 1604. EE. Music and news. (10/8 Park-HAWAII)
- 4805 BRASIL. RD do Amazonas. 0025-0130. PT. L-o-n-g- talks to 0100, Id's, and into music programme. (16/7 Jordan-PA)
- 4815 COLOMBIA. R. Guatapuri. 0340-0400. SS. LA music, ad's, and telephone\_number\_for requests. (4/7 Schulze-FRG); @ 0020 with music and talk. (7/7 Jordan-PA)
- 4820 BOTSWANA. RR. 0511. EE. Sermon about man's faults(what about womans faults-ed), mx, and into setavana at 0530. (9/8 Park-HAWAII)
- 4830 VENEZUELA. R. Tachria. 0645-0715. SS. LA pops, talk. (21/7 Jordan-PA)
- 4830 GADCM. AF#1. 0525-0540. FF/EE. Ad's with ID and FF talk about UN and RSA. (10/7 Kashiwabara)
- 4850 VENEZUELA. R. Capital. 0208-0244. SS. US rock music, ID and TG's. (26/7 Dillon-MD)
- 4860 INDIA. AIR North Regional Sve-Delhi. 1532. EE. News headlines, ID, Hindi ad's, and talk of Central American Peace Plan(a contradiction in terms!!-ed). (10/8 Park-HAWAII)
- 4880 REP. SOUTH AFRICA. Radio 5. 0446. EF. Wang Chung mx, ID, and into more times.(5/8 Park-HAWAII); @ 0310 in EE with rock tunes, DJ chatter, etc. (16/7 D'Angelo-PA)
- 4890 ECUADOR. R. Centinela del Sur. 0344-0359. SS. Futbol match with 2 on anncr's, covered by RFI Gabon at 0357. (18/7 D'Angelo-PA)

-Another light selection this month.

-I had a chance to meet Dale Park while on holiday in Hawaii 2 weeks ago. He'll be moving to Chicago to attend graduate school at Northwestern by Labour Day. Welcome to the Mainland Dale!!! We'll all miss his fine asian loggings though.



# LOG REPORT

## section B

4900 to 6199 kHz

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

- 4904.5 **TCHAD** N'djamena, IS 0453 7-3, singing 0458, ID by gal 0500, poor (Worob-TX).  
 4915 **BRAZIL** R. Anhanquera, CM 0005 7-16, sports, ads, promos, good signal (Jordan).  
 4920 **ECUADOR** R. Quito, light pops 0145 7-26, man, ID 0200 with harp, fair (Dillon-MD).  
 4930 **HAITI** R. 4VER, FR relig. prgm 1215 7-19, some nx, ID, relig. mx (Slaet-ARUBA).  
 4930 **USSR** RM, site uncertain, RR 0150 7-31, orch. mx, RM IS 0200, pips, weak (D'Angelo-PA).  
 4940 **IVOHY COAST** Abidjan, hi-life 2306 7-25, rock mx, ID, poor by 2355; FR (Dillon-MD).  
 4940 **MARSHALL IS.** WSZO, singing 0953 7-27, amts, off 1002\*, //1098 MW; fair (Park-HI).  
 4945 **BRAZIL** R. Nacional, nx 0304 7-30, IDs 0310, remote rpts, prob. Radiobras nx (D'Angelo-PA).  
 4960 **ECUADOR** R. Federacion, talks, jingles, pops, nx, martial mx, NA, 0305\*, fair 7-31 (Jordan).  
 4971 **ECUADOR** Rdf. Tarqui, LA mx, US pops, ID 0233 7-31, brilliant at 0320 retune (Tuchscherer); ID 0343 8-2, pop vocals, s/off ID 0403, NA to 0407\* (D'Angelo-PA); ditto 8-2 (Jordan).  
 4980 **VEZUELA** Ecos del Torbes, LA mx 0124, ID 0130, ads, 7-26 (Dillon-MD).  
 4985 **BRAZIL** R.Br. Central, weak 7-31, sports, talk 0200, then mx (Jordan); 0559-0630 7-19 with echo IDs, ads, lots of male vocals, poor sig (Kashiwbara-CA).  
 4990 **CHINA** Runnan PBS, 1249-1258 7-16, JP ID, CN lessons, poor signal (Kashiwbara-CA).  
 4991 **PERU** R. Ancash, weak 7-31, talks, mx, 0307-0410, lots of huyanos (Jordan).  
 4996 **PERU** R. Andina, marginally P-P thru 0330 7-31, then good; mostly mx (Jordan).  
 5035 **C.AFR. REP.** Bangui, 0450 7-19 with Afr mx, talk by CM 0500 but didn't get ID (Weiss-OR).  
 5046 **INDONESIA** RRI-Togayakarta tent., poor 1756 8-3, IS 1759, pips, nx (Park-HI).  
 5047 **TOGO** Lome, FR/vernac 2315-0000 7-9, mx, talk, ID 2359 (Jordan); to 0004\* 7-16, EG rock mx, FR amts, ID and s/off amts and orch NA; fair overall, no QRM (D'Angelo-PA).  
 5240 **CHINA** PLA Stn, V of Straits prgm 1040 8-8, CH, gal with nx, seeming jamming (Shaver).  
 5275 **CHINA** Unid. 1207-1220 7-25, CH piano mx, short amts, exc sig (Kashiwbara-CA).  
 5770 **CHINA** PLA Stn, 1050 8-8 with CM telling story, CH, severe het (Shaver).  
 5950 **CHINA** Heilongjiang PBS, 1025 7-25, CN clas. mx, TC 1100, ID (Shaver).  
 5960 **CANADA** R. Japan via RCI, JP nx, CNtry, mx, 0210-0228 8-1 (Hawk).  
 5965 **MALAYSIA** KL, EG police mx(?) 1718 8-7, CM DJ, pops, prob. nx 1731 (Park-HI).  
 5970 **JAPAN** R. Japan, good in JP 0830 7-13, sumo tourney, //17810 (Park-HI).  
 5975 **ENGLAND** BBC WS, nx, Nx Abt Britain, Radio Mxree1, 0000-0029 7-24 (Dillon-MD); 0206 on 7-16 with Br. Press. Rvw., Network UK, fair signal overall (Sampson-WI).  
 6005 **ASCENSION IS.** BBC WS, various newses 0000-0029 7-26, //6175 (good), but hvy QRM on this frq (Dillon-MD); 0230-0315 7-30, "Assignment" feature, very poor (Jordan).  
 6010 **GFR** DW, EG 0315-0350\* 7-9, marg. fair sig, talks, jazz, garbled by 0341 (Jordan).  
 6010 **S.AFRICA** R. RSA, EG nx 0203-0210 8-8, fair signal (Harris-NY).  
 6020 **MEXICO** Veracruz tent., vy poor 0533 8-1, SP vocals, TCs, peble. ID as "U" (Kashiwbara-CA).  
 6030 **CANADA** CFVP, 0747 7-22 with US and Can pop and rock, ads, Calgary wx, fair sig (Brann).  
 6030 **USA** APTS-Bethany, 0629 7-27, mx, TC, tone, ID, UPI nx, poor sig (Park-HI); various nx rpts 2220 7-26, Chris.Sci.Monitor prgm 2230 (Weiss-OR).  
 6070 **CANADA** CFRX, 1600 & 0100, 8-1, 8-2, special ODXA ANARCon rpt, but very poor repn (Weiss-OR); poor with nx program, 2100 on 7-19 (Jordan-NC).  
 6080 **AUSTRALIA** RA, 0820 on 7-29 with pops, ID, TC, wx, prgm cmty, heavily QRM'd by 0835 (Jordan); 1706 7-19 with nx, Talkback, fair signal (Park-HI).  
 6080 **CANADA** CKFX, ads 0710 7-29, 800 no. for requests, blocked by RA 0736; poor (Brann).  
 6080 **GDR** RBI, EG talk on GDR health care, 0016 8-3 (Harris-NY).  
 6090 **LIBERIA** ELBC, EG ads 0647 7-29 for cherry coke, mx, pledge 0700, nx, good sig (Brann).  
 6090 **LUXEMBOURG** R. Lux, EG with DJ, rock, 0020 8-3 (Harris-NY); EG 0110 8-3 with Top 40, CSM rpt on tobacco, UPOs; Portugal-6095 QRM 0130; IDs as "Luxembourg 208" (Laskowski-IN).  
 6116 **COLOMBIA** LV del Llano, fair 0715 7-21, IDs, mx, Top 40 format, sig gone by 0811 (Jordan); 1127-1157 7-18, IDs, "Super noticias," hets, fair sig (Kashiwbara-CA).  
 6115 **JAPAN** NSEB, fair 0807 8-5, JP with album of the week (Park-HI).  
 6120 **CANADA** BBC via RCI, 0000, various nx segments, VG sigs (Dillon-MD, Jordan).  
 6150 **COSTA RICA** R. Impacto, good with prob. nx 1139 7-22, ID 1140 (Worob-TX).  
 6155 **JAPAN** FEN in EG 0812 7-29, NBC nx, armed forces promos, CBS nx, sports, fair (Brann).  
 6165 **NETH. ANT.** RN-Bonaire, SP to EG 0224 7-24, nx, Mxline, ANARCon rpt, etc. (Brann).  
 6170 **BRAZIL** R. Cultura, 0105 7-16, vocals, //17815; also 0110 on 9615 on 8-2 (No Name).  
 6175 **ANTIGUA** BBC WS, nx prgms 0000, good (Dillon-MD); ditto 0308 8-1 (Hawk).  
 6185 **MEXICO** R. Educacion, 0600 8-1 with IDs, amts, Ind-Mex mx, good sig (Kashiwbara-CA).

+++ NOW AVAILABLE. 4th ed of "LA DXING" from R. Nuevo Mundo group. Whopping 293 pages of stn articles, logos, ID texts, veri signers, maps, LA stn list; a must for the serious LA DXer. \$18 or 23 IRCs airmail (cash or intl PO money order) from: Takayuki Inoue, 18-11 Fujimi-cho, Hachioji-shi, Tokyo 192, JAPAN. +++ See you in October —



# LOG REPORT

## section C

6200 to 11699 kHz

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

- 6080 GERMANY Radio Berlin 0030 GM, opening s/on with freqs then into the news. Fair signal. (Rhyne-NC 7/24)
- 6185 MEXICO R. Education 0255, Piano mx till 0330, stn breaks w/ID C. Am. news. (Johnson-TX 7/7)
- 6205 ECUADOR HCJB 0230 EG, "DX Party Line", tlk on R. American Somoa on MW, MW interlude. SID444. (Sampson-WI 7/16)
- 6240 USA R. New York Intl. 0026-0130 EG, Cland stn, testing, 60's mx, gave New York address. (D'Angelo-PA 7/28)  
Editors note...recieved many loggings on this one but as most of you know, the stn has since been shut down by the FCC/USCG.
- 6250 N. KOREA Pyongyang BS 1650 KR, local mx and ID. (Park-HI 7/29)
- 6550 LEBANON V. of Lebanon 0233-0310 AR, ez listening mx into YL w/ID at 0330 followed by more mx. SID232 (D'Angelo-PA 7/16)
- 6667.6 CLAND. La Voz de Alpha 66 0130-0215\*, anit-Castro pgming about the victims of Castros' rule. (Fleming 7/9)
- 7105 MONACO TWR 0624 EG, IS, s/on w/ID's into program, poor under the BBC, hrd several nites in a row. (Brann 7/28)
- 7105 GREECE VOA 0200 Pasto, Intl nx w/tlk abt Iran/Iraq (Slagt 7/20)
- 7125 VATICAN Vatican Radio 0212 EG, heard the s/off. (Harris-NY 7/5)
- 7135 TURKEY V. of Turkey 2320-0001 Turkish, local mx w/ID at 2329 and 2359, TP's and news. (Dillon-MD 7/12)
- 7145 POLAND R. Poland 0345 EG, tlk abt students, ID and mx features, fair signal w/DRM. (Rhyne-NC 7/22)
- 7145 ALGERIA R. Algiers 2235-2301\* AR, Tlk about politics, lcl mx and ID, off at 2301, fair. (Dillon-MD 7/25)
- 7160 OMAN BBC 1705 EG, Wild Svc., news, "Letter From Wales" (Park 7/29)
- 7175 FRANCE R. France Intl. 0315 FR/EG, news at 0330. (Cobb 6/30)
- 7180 SINGAPORE BBC 1648 EG, EG by radio, mailbag show. (Park-HI 7/27)
- 7190 S. YEMEN Aden 0303-0331 AR, Qur'an w/tlks. (Tuchscherer 7/12)
- 7200 GABON Africa #1 0615-0623 FR, ID, music, 1st time hrd in 41m band. Good signal. (Kashiwabara-CA 7/20)
- 7200 N. KOREA R. Pyongyang 0846-0848\* KR, ID in NA. (Kashiwabara B/1)
- 7240 YUGOSLAVIA R. Yugoslavia 2101-2108 EG, news in EG (Harris-NY 7/25)
- 7245 LIBYA R. Jamahiriya 0150 AR, lcl mx/chants, tlk (Bauernhuber 7/5)
- 7255 NIGERIA V. of Nigeria 0551-0611 EG, "News About Nigeria", into drum IS followed by FR pgming. (Kashiwabara-CA 7/20)
- 7260 S. AFRICA RSA 2115 EG, "Africa Today", //9585. (Harris-NY 7/25)
- 7270 POLAND R. Poland 2230 EG, news pgm. (Harris-NY 6/27)
- 7290 NETHERLANDS R. Nederland 0400-0423\* EG, news followed by cmntry on Iran/FR pblms, mines, etc. (Jordan-PA 7/25)
- 7290 N. KOREA R. Pyongyang 1701 EG, NA w/skd into preview and news, local DRM/DRN, //9325. (Park-HI 7/19)
- 7325 U.K. BBC 0000-0029 EG, World news & lcl news. (Dillon-MD 7/17)
- 7345 CZECHOSLOVAKIA R. Praha 0116 EG, news and ID. (Worob-TX 7/29)
- 7355 USA WRND 0122 EG, Jazz show w/ads, ID's. (Worob-TX 7/29)
- 7430 GREECE V. of Greece 0100-0130 Greek/EG, lcl mx w/DM DJ, ID at 0123 in Greek and EG, news. //9420 (Dillon-MD 7/25)
- 7475 TUNISIA R. Tunisia 2150-2213 AR, ME mx/nx. (Tuchscherer 7/12)
- 7670 BULGARIA Stolnik, Home Svc. 0256, soft inst mx for IS to 0259 with s/on ID and pips. (D'Angelo-PA B/1)
- 8000 JAPAN JYJ 1115 JP, CW, good cx. (Shaver B/8)
- 9022 IRAN VOIRI 0230 FS, news, tlk/chants. (Rhyne-NC 7/20)
- 9045 CLAND Irans Flag of Freedom Radio 0335-0414 Lang?, tlk by M with music bits, chants at 0414. 15555 not usable (Tuchscherer 7/19)
- 9220 N. KOREA R. Pyongyang KR, music w/tlk. (Park-HI 7/22)
- 9360 SPAIN REE 0219 EG, OM/YL w/tlk, mx, ID (Worob-TX 7/8)
- 9395 GREECE V. of Greece 2325 SP, tlk abt tourism, (Slagt 7/17)

9410 U.K. BBC WS 0000-0029 EG, world and lcl news. (Dillon-MD 7/28)  
 9420 GREECE V. of Greece 0252-0320 GK, DJ w/mx, ID, more mx (Dillon-MD)  
 9455 ISRAEL Kol Israel 2300 EG, "Calling all Listeners", "DX Corner",  
 also on 11610. Jamming. (Sampson-WI 7/12)  
 9455 USA WMLK 1932, Elder Meyer w/prophetic talk. (Jordan-NC 7/19)  
 9455 CUBA R. Havana 0100, news, sports, cmntry. (Bauernhuber 7/3)  
 9465 USA WCSN 0530-0605 GM, "The Herald", cmntry by M/W, into mx, ID  
 by DM, freqs and sked. (Jordan-PA 7/6)  
 9465 USA VOA Dixon 0220 SP, "Musica Country" country mx. (Park-HI 7/26)  
 9475 EGYPT R. Cairo 0212 EG, AR mx/vocals, news. (Sampson-WI 7/23)  
 9495 USA KVQH 0101 EG, news/mx, etc. (Brann 7/16)  
 9505 MADAGASCAR RNW 1414 DT, documentary pgm. (Park-HI 7/24)  
 9509 ALGERIA R. Algiers 1858-1917 EG, TC, mx, mx. (D'Angelo-PA 7/18)  
 9545 SOLOMON ISLS. SIBC 0734 EG, ads, wx, tides, news. (Brann 7/24)  
 9550 AUSTRIA R. Austria 0357-0406, IS, multilingual ID's into GM mx,  
 poor signal. (Kashiwabara-CA 7/8)  
 9555 UAE V. of UAE 0205-0220 AR, xmtr tone, IS s/on, Qu'ran after 0216  
 jamming against RFE. //11865 better. (Buer-FL 7/13)  
 9560 E. GERMANY R. Berlin 0329-0358 EG, IS, mx, poor (Kashiwabara-CA 7/14)  
 9565 MALTA DW Relay 0057-0150 EG, relay ID at 0059, news followed by  
 pgm "Germany Today" at 0126. (Ponder 7/22)  
 9570 ROMANIA R. Bucharest 0159 EG, mx, 0158 IS/ID. S10433 (Worob 7/8)  
 9575 ITALY RAI 0131 IT, mx/IS bird chirping, ID S10545 (Worob-TX 7/8)  
 9575 PHILLIPINES VOA 1730 EG, "Now Music USA" top ten pgm. (Park 7/9)  
 9575 SPANISH MOROCCO R. Medi-on 2029-2048\* AR/FR, ID into AR news by  
 OM w/brief mx, FR news. (D'Angelo-PA 7/26)  
 9575 ITALY RAI 0100 EG, news, cmntry. (Sampson-WI 7/20)  
 9580 AUSTRALIA R. Australia 0400-0430 EG, wld news, topical items, tlc  
 on foreign affairs. Fair. (Jordan-PA 7/7)  
 9580 AUSTRALIA R. Australia 1220-1300 EG, mx, IS, lcl nx (Dillon-MD 7/19)  
 9590 CANADA BBC Wld Svc. 2300 EG, ID, nx, sports. (Worob-TX 7/5)  
 9600 CUBA R. Moscow 0413 EG, Interview of Billy Joel (Weiss 8/2)  
 9615 S. AFRICA RSA 0207 EG, news, "POB 4559" (Park-HI 7/26)  
 9630 U.A.E. V. of UAE 1830-1923 AR, OM w/AR vocals, news and cmntry  
 ID's per WRTH, mx selections. (Jordan 7/15)  
 9640 RWANDA RDW relay 0059 GG, news, freq/sked. (Worob-TX 7/29)  
 9640 USSR R. Kiev 2330-2400 EG, news, cmntry, "Music from Ukraine"  
 which featured US/USSR friendship concert. (Weiss-OH 7/26)  
 9640 ANTIGUA BBC Wld Svc. 0730 EG, World Today/Write ON! (Park-HI 7/31)  
 9640 USSR R. Moscow 0325 EG, "News and Views" cmntry. (Sampson-WI 7/3)  
 9648 NORWAY R. Norway Intl. 0400-0430 EG, tlc abt white water rafting  
 on Norways rivers, other features. (Karlsson 7/20)  
 9650 NETH ANTILLES RNW 1100 EG, "Media Network" pgm. (Park-HI 7/16)  
 9655 CUBA R. Havana 0220-0235 EG, tlc on tobacco farming, lcl music,  
 news headlines. (Weiss-OH 7/14)  
 9675 PERU R. del Pacifico 1645 JP, interviews, tlc. (Slagt 7/18)  
 9680 USA VOFC via WYFR 0310-0356 EG, economic discussion, cmntry and  
 music selections. (Jordan-PA 7/7)  
 9690 ARGENTINA RAE 0225 EG, DX tips by DM. (Johnson-TX 7/16)  
 9690 ROMANIA R. Bucharest 1928 EG, tlc on subway system (Jordan-NC 7/19)  
 9695 SWEDEN R. Sweden 0230-0300 EG, wld/lcl news, cmntry on probs in  
 Nordic cntries, folk mx, wx report. (Karlsson 7/23)  
 9695 BRAZIL R. Rio Mar 1650 PT, ID, tlc on mosquitoes. (Slagt-AR 7/18)  
 9710 AUSTRALIA R. Australia 1035 JP, nx, sports, "DX Time", tips on  
 Botswana, China, others. (Park-HI 7/26)  
 9715 NETH. ANTILLES RNW 0600 EG, "Media Network" at ANARCON. (Park 7/24)  
 9715 ECUADOR HCJB 1130 JP, Pips, "Sakura", ID's. (Park-HI 7/26)  
 9725 SWITZERLAND Swiss Radio Intl. 0227 EG, EG news, ID's and freqs,  
 also on 6135, into SP at 0230 S10434. (Worob-TX 7/15)  
 9730 GERMANY r. Berlin Intl. 0120 EG, nx, sports, mx w/cmntry on the  
 economic/social progress in USSR, mailbaq. (Sampson-WI 7/20)  
 9735 MALTA DW Relay 0159 EG/GG, IS/ID in EG into GG. (Worob-TX 7/15)  
 9735 PARAGUAY R. Nacional 0156 SS, Latin mx ID at 0156 (Worob 7/15)  
 9740 CLAND La Voz del Cid 0338-0410 SP, OM/YL w/ID's, cmntr (Jordan 8/2)  
 9750 USA KNLS 1402 RS, IS, M w/sked, music pgm. (Park-HI 7/24)  
 9750 S. KOREA R. Korea 1310 EG, news and cmntry on Bolivian relations.

steel production, Korean air activity in US. (Jones 7/14)

9750 S. KOREA R. Korea 1300 EG, sked, nx, cmntry, EZL mx (Sampson 7/2)

9780 YEMEN DYBS 0332-0347 AR, nx, mx to ID, AR Vcls (D'Angelo 7/22)

9780 YEMEN DYBS 0405 AR, lcl mx and tlk, good sig. (Rhyne-NC 7/9)

9790 BELGIUM BRTV 2330 EG, "Brussels Calling", mx pgm. (Sampson 7/19)

9810 USSR R. Moscow 0415-0447 FR, tlks by W ancr, interviews, cmntry followed by mx: selections. Poor w/DRN. (Jordan-PA 7/25)

9815 USA VOA 0050 EG, special show "The Making of America" on the Tyler presidency and admission of Texas to USA. (Park-HI 7/16)

9835 HUNGARY R. Budapest 0205 EG, wld nx, European items. (Jones 7/19)

9864 PAKISTAN V. of Pakistan 2002 Urdu, mx: sounds like possibly a funeral procession. (Slagt-AR 7/18)

9865 USSR R. Moscow 0002 EG, news, peace walk, 25th ann. of Algerian independence, anti gov. protest in Seoul. (Sampson-WI 7/6)

9872 ECUADOR HCJB 0510-0531 EG, talk about Scripture memorization, anced freq as 9870, exe signal. (Kashiwabara-CA 7/16)

9875 IRAQ R. Baghdad 2010-2040 EG, cmntry, lcl mx (Jordan-PA 7/6)

9880 BELGIUM BRT 0759 EG, IS, s/on, Brussels Calling (Brann 7/28)

9885 SWITZERLAND SRI 0425 EG, SW Merry Go Round at Anarcon (Park 7/26)

9895 NETH ANTILLES R. Nederland 2345 DT, tlk about heavy fighting in Surinam over week-end. (Slagt-AR 7/15)

9900 EGYPT R. Cairo 0145-0205 AR, political tlk, nx, ID (Dillon-MD 7/25)

9910 INDIA All India Radio 2110-2230\* EG, sports, Davis Cup, ID and TC into mx: program w/lcl vocals. (D'Angelo-PA 7/26)

9915 U.K. BBC 0000-0029 EG, wld and local news. (Dillon-MD 7/27)

9925 BELGIUM RTVB 2340 EG, "Foreign Trade", tlk about anti-mosquito extract. (Slagt-AR 7/15)

9950 SYRIA R. Damascus 2220-2245 AR, Ar mxtill 2230, ID, news with more vocals from 2240. //12085 (poor) S10353 (D'Angelo-PA 7/31)

9960 CLAND R. CCalman 1120-1133 SP, mx, ID at 1130, jammed (Harris 8/8)

10011.3 VIETNAM V. of Vietnam presumed 1505-1512 CH, talks into VT vocals fair signals. (Kashiwabara-CA 7/12)

10454 USA VOA 1745-1751 Eg, tlk on American Legion. (Tuchscherer 8/5)

11290t CHINA Central PBS 1520-1540 CH, ancmnts, Western style Chinese vocals, //11330, both poor. (Kashiwabara-CA 7/12)

11490t CLAND V. of Unity 0310 AR(?), mx to 0315 w/cmntry, ID's (Jones 7/25)

11610 ISRAEL Koi Israel 2321-2330 EG, DX pgm, ID and sked then into IS, poor signal. (Kashiwabara-CA 7/12)

11615 PAKISTAN RP FS 1613 EG, IS w/freqs, news //11625 (Park-HI 7/15)

11650 CHINA R. Beijing 1207 EG, nx, "Across the Land", (Sampson-WI 7/20)

11665 KUWAIT R. Kuwait 1809 EG, US pop mx, pgm on Muhammed teachings, more mx, cmntry. newe freq? (Park-HI 8/7)

11680 N. KOREA KPBS 1540-1546 KR, speech w/mx, poor (Kashiwabara 7/12)

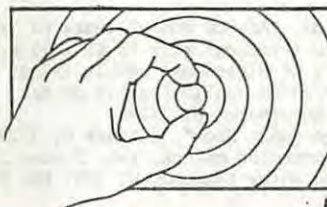
11693 VENEZUELA R. Nacional 0100, moved from 11848, ID and freqs, ORM from VOA on 11695, off at 0100. (Johnson-TX 7/10)

NOTICE, PLEASE

This is Joe Freeborn's last column and we'd like to thank him for the fine job he's done for NASWA and FRENEX. Additional duties prevent him from continuing and we're sorry to lose him.

Any member who is interested in taking over Log Report "C" can get more information by writing to NASWA Headquarters, 45 Wildflower Road, Levittown, PA 19057 or by calling (215) 945-0543 after 2300 GMT weekdays or anytime on weekends. Thanks.

NOTICE, PLEASE



# LOG REPORT

## section D

### 11700 and above

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

- 11700 DOMINICAN REPUBLIC R. Clarin in SP 1630-1700, tlk re tourism increase in Domin. Rep., nx from La Voz del CID (Slagt ARUBA, Bauernhuber NY) also in SP 0100-0210 w/hot DJ & salsa mx, several ID's, ad (Park HI, Hawk VA)
- 11705 IRAQ R. Baghdad in EG 0030, nx, instrumentals, vocals (Jordan PA, Harris NY)
- 11710 CUBA R. Moscow relay in EG 0030, Moscow-Leningrad peace march (Jordan PA 7/8)
- 11735 YUGOSLAVIA RY in SP 0027, tlk by W, booming vibrating ID (Johnson TX 8/4)
- 11740 IRAQ V. of the Masses in AR 1905, nx, ID, current affairs, f (Dillon MD 7/26)
- 11740 TAIWAN WQFC in EG 0221, econ nx, cmtry, p (Kashiwabara CA 7/26)
- 11750 SINGAPORE BBC relay in EG 1530, pop mx, listeners' requests (Karlsson 7/21)
- 11750 CYPRUS BBC relay in EG 1710, international mx (Slagt ARUBA 7/18)
- 11755 FINLAND RF in EG \*0430-0456\*, mx, tlk re Lapland & Helsinki's square, "Northern Report", rpt on rock concert, wx, actualities (Karlsson 4/21, Jordan PA 8/4)
- 11760 COOK IS. RCI in Maori? 0500-0530, island mx, weak but clean sig (Jordan PA 7/6)
- 11775 ECUADOR HCBJ in EG, DX pgm, disc re HCBJ antennas, g (Brann CA 7/30)
- 11780 VATICAN STATE VR in EG 0050, Vatican nx w/Pope John Paul tlk (Bauernhuber NY)
- 11788 INDONESIA VOI in IN 1257, ID in EG, nx in IN, distorted sig, f (Brann CA 7/27)
- 11800 AUSTRALIA RA in EG 1120, "Australia Tonight", IS 1130, C&W mx (Jordan PA 7/15)
- 11809 ROMANIA R. Bucharest in PT/SP 2130-2230+, interviews & actualities, into SP 2200 nx, ID 2228, still on at 0030 recheck, f sig w/het (Jordan PA 7/6)
- 11810 SOUTH AFRICA RSA in DT 1744-1757\*, rock mx, ID, mailbag, nx, IS, p (Park HI 8/7)
- 11815 NETHERLANDS ANTILLES TWR Bonaire in EG 1125, US & Can wx, nx (G. Cobb 6/26)
- 11820 ASCENSION IS. BBC relay in EG 1747, "Sports Roundup", golf recap (Park HI 7/20)
- 11830 LIBERIA ELWA in EG 0703, "Trial of Faith" pgm, ID, p (Brann CA 7/26)
- 11840nf EGYPT R. Cairo in AR 2255, mid-East song, chimes, ID 2300, f (Buer FL 7/13)
- 11840 CUBA R. Moscow relay in EG 1407, "Focus on Asia & the Pacific" (Jordan PA 7/5)
- 11860 ALASKA KNLS in EG 0852, "Swinging Years", promo, QRM frm WQFC (Park HI 7/20)
- 11865 MONTSEERAT DW relay in SP 0043-0050\*, nx in SP, multi-lang ID's (Tuchscherer WI)
- 11880 SPAIN REE in EG 0100, nx, sports, events in Spain last wk (Sampson WI 7/6)
- 11920 JORDAN RJ in AR 0402-0533, mx, nx, Holy Koran (Hawk VA 7/19)
- 11940 ROMANIA R. Bucharest in EG 0422-0429\*, ID, listeners' club info (Kashiwabara CA) also in EG at 2120 w/cmtry (Harris NY 8/1)
- 11950 IRAQ V. of the Masses in AR 2240, AR vocals, abrupt s/off 2300 (Weiss OH 7/12)
- 11960 USSR R. Moscow FE relay in JP 1000, IS, ID, freqs, nx, //11915 (Park HI 8/6)
- 11965 PHILIPPINE IS. VOA relay in CH/EG 1050, EG lang lesson, p (Park HI 7/10)
- 11990 KUWAIT RK in AR 1751-1859, AR mx, DJ, ID 1800, //15505 (Dillon MD 7/26)
- 12005 TUNISIA RT in AR 2012-2030, tlk re Tunisian president, p (Dillon MD 7/24)
- 12015 MONGOLIA Ulan Bator in EG \*0907, 8 note IS, ID, Fqs & sked, vp (Kashiwabara CA)
- 12025nf NO. MARIANAS KPBS Saipan in CH 0812-0842, relig mx, sermon, f (Kashiwabara 7/24)
- 12045 USSR R. Moscow FE relay in EG 1740, pgm re Leningrad during WWII (Park HI 7/14)
- 12085 SYRIA R. Damascus in EG 2004, nx, AR mx (Jordan NC, Bauernhuber NY)
- 12095 UNITED KINGDOM BBC in EG 0610, "Newsdesk", press review, p (Park HI 8/5)
- 13615 USSR R. Moscow FE relay in CH 1030, IS, ID, martial mx, nx? (Park HI 8/5)
- 13645 USSR R. Yerevan in AM 0229, IS, ID, tlk, xmtr site? (Buer FL 8/3)
- 13650 IRAQ R. Baghdad in AR 1823, uninterrupted AR mx, ID (Slagt ARUBA 7/18)
- 13723 ISRAEL Kol Israel in var. langs 2000-2100+, hrd off normal 13725 freq, varied mx, nx in 3-4 min blocs, still on at 0135 recheck, audio muddy (Jordan PA 7/22)
- 14802usb KIRIBATI RK in lang 0712-0742, "Happy Birthday" in EG 0730, ID (Kashiwabara CA) also in lang 0119, tlk re info technologies, mx, off at 0135 (Johnson TX 7/10)
- 15010 VIETNAM VoV Hanoi in EG 1332, nx, ID at 1340, cmtry, high static (D'Angelo PA)
- 15090 VATICAN STATE VR in EG 1450, relig nx (Harris NY 7/26)
- 15095 ISRAEL IBA Israel in HB 2115, tlk, US light rock mx, pips, ID (Laskowski IN 8/4)
- 15105 WEST GERMANY DW in Urdu to Asia at 1432, nx by YL (Harris NY 8/2)
- 15115 PAKISTAN RP in EG 0220, strange mx, ID, slow EG nx (Laskowski, Tuchscherer WI)
- 15125 USSR R. Leningrad in RS 1035, balalaika mx, clear ID (Schulze W. Germ. 7/11)
- 15140 NORTH KOREA R. Pyongyang in EG 1031, nx, anti-US propaganda (Jones 7/4)
- 15140 SOUTH AFRICA RSA in EG 1300, IS, ID, skeds, nx, QRM Chile (Jordan PA 7/6)
- 15150 CANADA RCI in EG 2131, nx, "SWL'ers Digest", QRM N. Zealand (Park HI 7/18)
- 15150 NEW ZEALAND RNZ in EG, mx, bird IS, f (Rhyme NC 7/9) blues mx 0335 (G. Cobb 7/3)
- 15155 ECUADOR HCBJ Quito in EG \*0030, nx, cmtry, relig stories, vg (Dillon MD 7/28)
- 15160 AUSTRALIA RA in EG 0300, world mx, "Talkback", g (Weiss OH 7/26)

- 15185 SOUTH AFRICA RSA in EG 1056, IS, ID, pips, nx, "Africa Today" (Park HI 7/10)
- 15230 CUBA RHC in SP 1800, ID, fqs, nx, mx, sports (Fleming) also in SP 2015 w/tlk on "Formalmente Informal" re 8th anniversary of Nicaraguan revolt (Slagt ARUBA)
- 15250 NORWAY RNI in EG 1413, "Book Corner" pgm, //15300, 15310 (Harris NY 8/2)
- 15250 SRI LANKA VOA relay in EG 0101, nx in EG (Tuchscherer WI 7/23)
- 15280 SINGAPORE BBC relay in EG 1040, "The Vintage Chart Show", f (Park HI 7/27)
- 15305 NORWAY RNI in NO 1309-1350, tlk features, accordion mx, nx, f-g (Jordan PA 7/24) in EG 1300, "Norway Today", tlk re Norwegian ships (Sampson WI 7/5) ED: Pgm in are xsmtd on Sundays only according to WRTH.
- 15310 NORWAY RNI in EG 1710, nx (Harris NY 8/2) ED: See note after 15305 listing.
- 15320 AUSTRALIA RA in EG 2210, "International Report", mx, f (Park 7/8)
- 15320 UNITED ARAB EMIRATES R. Dubai in AR 2001, AR mx, ID, sked, pips (Dillon MD 7/25)
- 15345 SWEDEN RSI in EG 1418, pgm re stamps (Harris NY 8/2) in SW 1600, local & world nx, wx rpt, relay of home service, exc (Karlsson 7/21)
- 15360 SINGAPORE BBC relay in EG 0945, "Taking Off", "Reader's Choice" (Park HI 7/18)
- 15370 USSR R. Moscow FE relay in EG 1650, "Inside Story" feature, p (Park HI 7/11)
- 15410 RWANDA DW relay in EG 1150, pgm for Africa, mx requests (G. Cobb 6/6)
- 15425 AUSTRALIA ABC Perth in EG 0640, Australian rules football game, f (Park HI 7/12)
- 15435 SINGAPORE BBC relay in EG 2340, "Multitrack II", "BBC Top 20" (Park HI 7/15)
- 15445 LIBERIA VOA relay in EG 2010, "Nightline USA" for Africa" (Slagt ARUBA 7/18)
- 15450 ITALY RAI in IT \*1830-1905\*, IS, ID, tlks, nx?, accordion mx (Jordan PA 7/27)
- 15450 LIBYA R. Jamahiriya in AR 2318, continuous tlk by M, //7245 (Weiss OH 7/19)
- 15460 COSTA RICA AWR/R. Lira in EG 1500, relig pgm, ID (Buer FL 7/19) in SP 1805-1912, vocals, ID, relig tlks & mx, fanfare (Jordan PA 7/6) relig mx 2010 (Slagt ARUBA)
- 15495 KUWAIT R. Kuwait in AR 0208, Qur'an recitation, ID, sked, tlk (Dillon MD 7/25)
- 15525 BANGLADESH RB in EG 1232, mx, ID, tlk re election in Australia (Schulze W. Germ)
- 15555 CLANDESTINE Iran's Flag of Freedom Radio in FS 1631-1749, ID in EG, s/on march Farsi ID, nx, nice mx vocals, abruptly off 1749, f (D'Angelo PA 7/18)
- 17565 GREECE VOG in GK, tlk by OM (Harris NY 8/2)
- 17650 CHINA R. Beijing in PT 0200, nx, f (Jordan NC 7/26)
- 17705 CUBA RHC in SP/EG 1930, discussion of Caribbean calypso mx, vg (Weiss OH 7/12)
- 17715 AUSTRALIA RA in EG 0707, nx, "Talkback", contest, p (Park HI 8/2)
- 17750 AUSTRALIA RA in EG 0706, nx, mx, "Window on Australia", awards, p (Brann CA)
- 17755 JAPAN RJ in EG 2058-2123, nx, ID's, vg (Tuchscherer WI 7/25)
- 17780 SOUTH AFRICA RSA in EG 1501, nx pgm (Harris NY 8/2)
- 17790 UNITED KINGDOM BBC in EG 1200, Wimbledon tennis match, bnd to Africa (G. Cobb)
- 17810 ANTIGUA DW relay in GM 2126, tlks in GM and pop mx, exc (Tuchscherer WI 7/25)
- 17830 SWITZERLAND SRI in EG 1538, "The Grapevine" pgm (Harris NY 8/2)
- 17870 VATICAN STATE VR in EG 1449, nx (Harris NY 8/2)
- 17875 MALTA DW relay in EG 1615-1650\*, xmsn to S. Asia, nx, ID's, address, mx bridges, sig only marginal & first time hrd w/much QRN (Jordan PA 7/30)
- 17880 SINGAPORE BBC relay in EG 0930-0945\*, Big Ben chimes, financial nx (Park HI 8/6)
- 21480 MADAGASCAR R. Nederlands relay in EG 1132, nx, "Asiascan", f (Park HI 7/29)
- 21560 ITALY(t) RAI in IT \*1400-1426\*, poss IS, nx?, pop vocals (Jordan PA 7/11) ED: See G. Hauser's LN, page 34 July FRENEX for more details.
- 21605 UNITED ARAB EMIRATES R. Dubai in AR 1645, Koran readings?, tlks, male-led choral dchants, prayer chants, abruptly off at 1659, f-g (Jordan PA 7/8)

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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. It will be a big help to ye olde ED if logging slips can provide a reasonable mix of program details. Somewhere between "OM talks" or "nx" and an hour of minute program details which I must compress. Members will also appreciate it if contributors will avoid reporting the same high-power stations each month and send in some of the many rare outlets or details on new xmsns or frequency shifts. Thanks again to those contributors who take the trouble to arrange their logging slips in freq order and band them together. 73's

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CONGRATULATIONS to the Jonathan Marks family on the birth of Hazel Stephany August 28 at 1330 UT! For those who came in late, Jonathan is the very popular host of Radio Nederland's Media Network.

Lou Josephs tells me that Radio Earth's programming was pulled from WHRI for non-payment of bills; Media Network is working on a feature story that may have aired by the time you read this. Radio Earth has returned as a weekly show on Tuesdays 03-04 UTC on WHRI on 7355 kHz. It includes repeat airings of SCDX and Swiss Merry-Go-Round.

Other Notes: Despite all attempts to hear Radio Discovery and the Voice of Nigaragua, these stations elude me. China moved up 10 kHz to 15455 at 00 and 03 UT to duck interference, and the new 11855 at 11 and 12 is normally excellent. Bulgaria announces specific frequencies for African transmissions, but only meter bands for NA/Eu. At 0300, 11735, 11840 and 9560 are announced for Africa, but no mention of "42m" (i.e., 7115 kHz) for NA. That is given at 2130 and 2300. Algeria in English noted on 9508.77 kHz 19-20 UTC with more than 45 min of pop American music following news, 21 into French. More often than not, it appears that the postal service will cause Hauser's World of Radio on WRND Thursday night (Fri 02 UT) to be the previous weekend's show. It consistently runs late, starting as much as 10 to 15 minutes after the announced 0200 start. Syria at 2005 moved from 15020 to 11625, keeping 12085 in parallel. North Korea now has Spanish, not English, at 1100 on 9977. On 9777 at 1200 UT, the full English schedule is given but I cannot clearly hear it with the poor band conditions. How about some help?

A new, replacement NRD-525 is back on the table here. Gilfer also had an Info-Tech M-6000 Multi-Mode Code Receiver sitting on the counter, and that came home with me too. I must say it is fascinating to watch some of the press services, such as the Cuban relays of TASS on 14901 and 16348 and the Chinese XINHUA on 16136, print across the screen. From Universal SW came the Info-Tech M-610 RTTY scope and two press books; the scope really helps to decipher the oddball shifts. If you are into utility DXing and have a PC/MS-DOS micro, I put together a program to gather up the utility listings from magazines and club bulletins; download UTIL\_LO6.ARC from the Pinelands RBBS.

I spent the week of August 10 in Seattle, on business, and dragged the Sony 2010 with me. I found a great receiver testbed in downtown Seattle. If it works there with the intermod, you have a good receiver. The Sony 2010 did not fair well at all. On SW, the only things I could hear were the BBC on 11750 up to 1615 s/off; Japan on 11705 at 1900 and on 17755 at 2100; and Radio Nederland's Caribbean outlets at 0530 on 9715 and 6165. No China, no North Korea and no European-based transmitters. I heard part of Radio Earth in the noise enough to know that it aired 8/11. WWV was only readable during parts of the day, usually on 15 MHz. On MW, the SEA-TAC airport IIS station (15 miles from downtown) could be heard on 530 kHz.

---

Thomas R. Sundstrom	:	Telex:	6502446376 (via WUI)
PO Box 2275	:	MCI Mail:	244-6376
Vincetown	:	The Source:	BCFB11
NJ 08088-2275	:	Compuserve:	(send via MCI Mail)
	:	Packet Radio:	W2XQ @ WB2MNF
	:	Pinelands RBBS:	609-859-1910 (24/12/3 BN1)

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Those broadcasters or broadcasting representatives reading this are requested to place us on your mailing list for schedules. My deadline is the Friday before the last Saturday of each month (0100 UT Saturday). Information can be telexed or sent via one of the other E-mail services up to deadline; I check my accounts regularly.

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On Pinelands RBBS, we have new files. MINIPROP 2.0, an excellent upgrade to an already classic propagation prediction program, written by W6EL, is available for download as MP.ARC. Al Quaglieri, SPEEDX Publisher, uploads the latest African loggings column and list of DX shows each month. Radio Nederland's Fall Preview is on line too, thanks to Lou Josephs. George Woods and Bob Brown see that SCDX bulletins are available weekly. For catchup reading, the last six SCDX issues are available for download out of the RADIO directory. Helpful Pineland RBBS hint: if you want to read all messages in the main section or the SWL conference, use the wild card "\*" to read all messages since your last logon. You do NOT have to type one message number after another, as I have seen some persons do. You have the opportunity of entering a reply or halting the read process at the end of each message.

More Notes: Yo, Glenn, the NDXE theme aired the weekend of August 27-30 ought to be taken out and buried. Really bad! There were flares at 0932 and 1648 UT 8/22, 2311 UT 8/23, and two geomagnetic storms 0900 UT 8/25 and 0426 UT 8/26. Take a look at the chart. The disruption came very close to effecting a total HF band wipeout. Anyone else note how bad the audio distortion and splatter is off Moscow's transmitters on 25m? As I write this at 1130+ UT, 11860 is tearing up +/- 20 kHz; also noted throughout the day off 11875, 11840.

Thanks to R. Watts, KY, for schedules. There will a complete by-time listing of schedules and DX shows next month. If YOU receive a fall schedule, please send a copy of the schedule or extract the English services and drop us a note? Thanks.

-----  
Does your computer interfere with your radio? SNAP-ON r.f. chokes can reduce or eliminate interference in cases where the computer r.f. signal travels along cables from the computer out to accessories. The chokes are placed around cables -- modem, serial and printer, monitor, power -- without having to disassemble the plug ends from the cables. More information on bulletin 13 on Pinelands RBBS or via mail (#10 SASE please). \$15 for a package of 4 SNAP-ON chokes, plus \$2 shipping (NJ residents add .90 sales tax). Check or money order payable to TRS Consultants, PO Box 2275, Vincentown, NJ 08088-2275.

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For IBM PCs, Compaqs and other PC clones, the program that manipulates the data files and produces these listings for FRENEX is now available. Minimum RAM requirements is 400K after DOS and other memory-resident programs are loaded. \$20 includes shipping (NJ residents add \$1.20 sales tax), check or money order payable to TRS Consultants, PO Box 2275, Vincentown, NJ 08088-2275. The current data files are always included, and updates are available. The software is also available through GILFER SHORTWAVE (1-201-391-7887) and HAM RADIO'S BOOKSTORE (1-603-878-1441).  
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Page No. 1  
08/29/87

This report covers changes entered between 07/25/87 and 08/29/87.

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

Start End Time Time (UTC) (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	China									ENH		08/16/87
0000 0200	Cuba	15455								Americas		08/18/87
0000 0300	Norway	9655	6090							SA	Eng Mon only	08/28/87
0000 0200	USA	7365	9590							S Eu	60 deg	08/18/87
0030 0100	Portugal	9680								ENH	Tue-Sat	08/03/87
0145 0345	New Zealand	15150	11780							Pac/Aus/Melanesia	Sat only	08/17/87
0200 0400	Cuba	9655	6140	6115	6090					Americas		08/18/87
0200 0245	German Dem Rep	9560	6010							MNH		08/17/87
0200 0400	USA	9465								M Afr	50 deg	08/18/87
0300 0400	Bulgaria	11840	11735	9560	7115					Afr/NA		08/16/87
0300 0400	China	15455	15280	15270	11970					MNA		08/17/87
0300 0350	Fed Rep Germany	9565	9545	6095	6010					MNA		08/03/87
0310 0327	Switzerland	12035	9885	9725	6135					NA/CA		08/24/87
0330 0415	German Dem Rep	9560	6010							MNA	9/29 & 10/2-27-30	08/17/87
0345 0730	New Zealand	15150	11780							NA		08/17/87
0400 0500	Bulgaria	11720								Pac/Aus/Melanesia		07/27/87
0400 0500	Cuba	9655	6140	6115	6090	6035	5865			Americas		08/18/87
0400 0425	Netherlands	9895	7210							ME/E Afr		08/28/87
0400 0430	Norway	9600								ME/E Afr	Eng Mon only	08/28/87
0500 0600	Cuba	9655	6115	6090	6035	5965				Americas		08/18/87
0500 0530	Norway	11865								ME/Afr		08/28/87
0600 0800	USA	7365								M Eu	Eng Mon only	08/18/87
0740 0757	Switzerland	15570	11905	9885	9560					Australasia	9/28 & 10/1-26-29	08/24/87
0800 1000	USA	7365								M Afr	50 deg	08/18/87
0900 0950	Fed Rep Germany	21680	21650	17780	15410	15205	15185	11945	9720	Aus/As		08/03/87
1000 1030	Norway	25730	21730	15230	15180					M Afr/Eu/Far	Eng Sun only	08/28/87
1030 1215	New Zealand	9620	6100							Aus/Melanesia		08/17/87
1040 1057	Switzerland	17830	15585	15570	11935					Far East	9/28 & 10/1-26-29	08/24/87

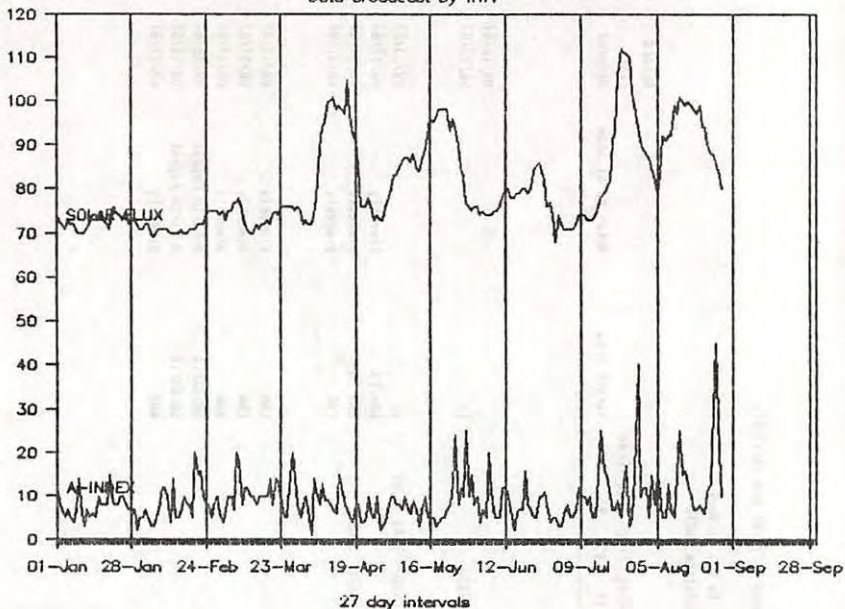


ENGLISH LANGUAGE DX SHOWS: By Day of Week  
Compiled by Thomas K. Sundstrom, W21Q

Shortwave DX Program	Show Xcess		Station	Freq							Notes re DX Show	Record Last Updated		
	Start Time	Start Time		Country	#1	#2	#3	#4	#5	#6			#7	Target Area
** DAY OF THE WEEK: Sunday														
World of Radio	1800	1400	USA	11965								08/16/87		
DX Show & Mailbag	1815	1800	USSR	9710	9560	7330	7150					Eu	08/23/87	
** DAY OF THE WEEK: Monday														
DX Show & Mailbag	0215	0200	USSR	13645 11875 11790 9800 9640 7260								08/23/87		
RBI DX Club	2105	2045	German Dem Rep	6125	5965							NA	08/17/87	
RBI DX Club	2220	2200	German Dem Rep	7295	6165	6125	6070	5965			ENA/Eu	biweekly	08/17/87	
RBI DX Club	2320	2300	German Dem Rep	9730	6080							ENA	biweekly	08/17/87
** DAY OF THE WEEK: Tuesday														
RBI DX Club	0005	2345	German Dem Rep	9730	6080							ENA	biweekly	08/17/87
RBI DX Club	0135	0115	German Dem Rep	9730	6080							ENA	biweekly	08/17/87
RBI DX Club	0220	0200	German Dem Rep	9560	6010							WNA	biweekly	08/17/87
SW Merry-Go-Round	0305	0258	USA	7355							SA/Carib	R Earth repeat	08/16/87	
Sweden Calling DXers	0310	0258	USA	7355							SA/Carib	R Earth repeat	08/16/87	
RBI DX Club	0350	0330	German Dem Rep	9560	6010							WNA	biweekly	08/17/87

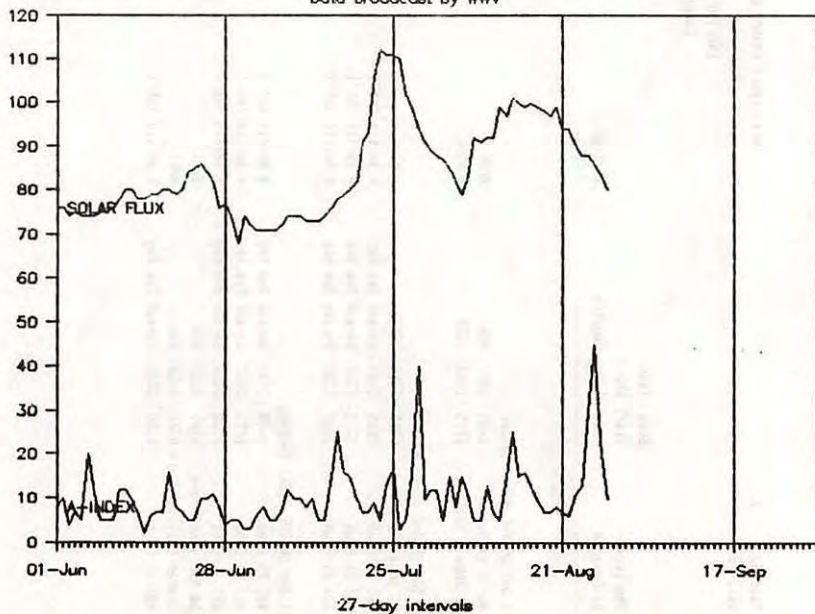
# SOLAR FLUX & A-INDEX: Jan-Sept 1987

Data broadcast by WWV



# SOLAR FLUX & A-INDEX: Jun - Sept 87

Data broadcast by WWV



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

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

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

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