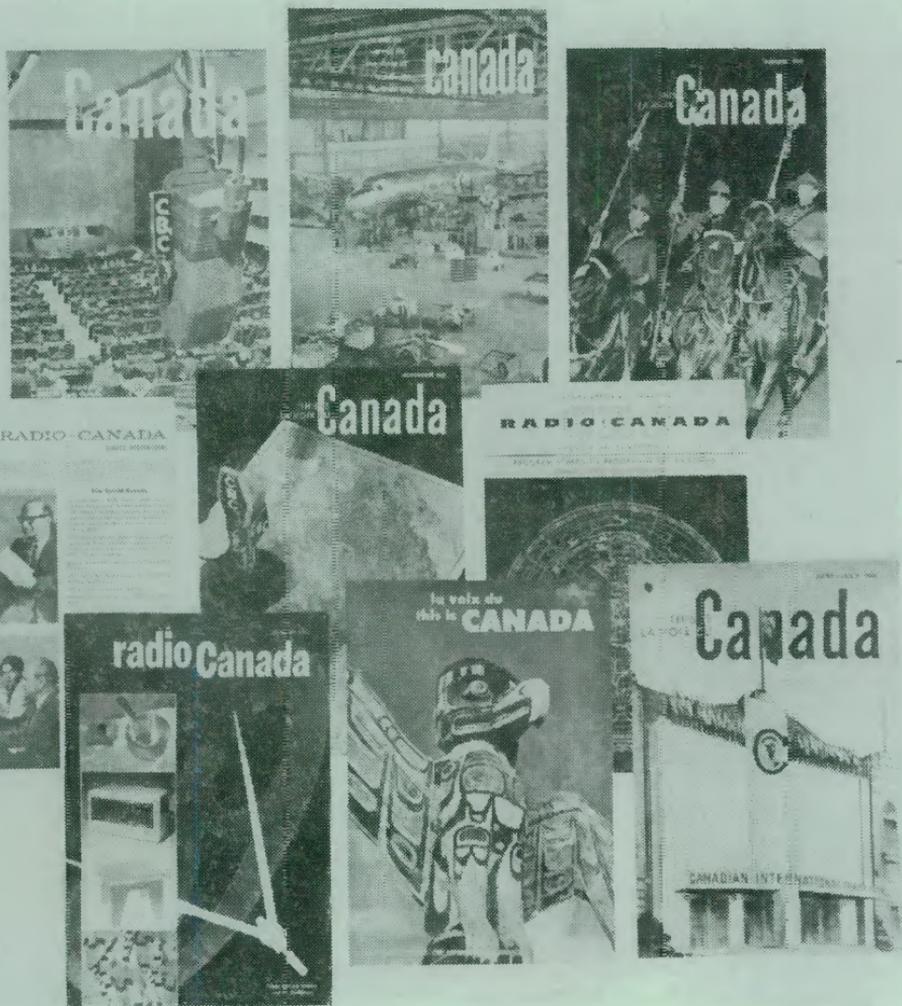


FRIENDS

40 YEARS/ANS
RADIO
CANADA
INTERNATIONAL
1945-1985



A collection of some of Radio Canada International's program schedules over the years.

NOTICE, PLEASE

An increased work load has forced Peter Drizhal to resign as editor of Log Report "C" and we would like to thank him for the fine job he's done for NASWA and FRENDX. The new editor of "C" will be Joe Freeborn, Bldg. 877, Apt. 625, Governors Island, NY 10004. Welcome to the staff, Joe.

LARRY WAYNE AT CADXC DINNER

Austin Kelly of the Chicago Area DX Club reports on the semi-final plans for the club's upcoming dinner with Larry Wayne. He writes that Larry has "tentatively confirmed" for Sunday, September 28, at a north side pizza emporium. The exact time and location are still to be worked out, but the afternoon of Sunday, September 28 looks like DW day for CADXC. Anyone in the Chicago area who wants to dine with Larry Wayne (Jezzy is staying in Germany) should call Austin at (312) 941-1959 or write to him at 237 LaPorte Drive, Addison, IL 60101-3909. He can also be reached by FIDO mail at Net 115/Node 386, the DMI Hotline in Lombard IL.

ANARC SW BBS DOWN

The ANARC BBS will be off-line beginning August 20 as SYSOP Bill Kraus is moving from Minnesota to Illinois. We hope to have the BBS up and running at the Illinois location by September 15. Upon completion of the hookup by Ma Bell, the new number will be released to the media.

DISCOVERIES

"Discoveries" is published quarterly by World Radio Network, S.A., 332 Corey Avenue, St. Petersburg Beach, FL 33706. This publication is sent free of charge to Radio Discovery listeners. To be placed on the mailing list, send a letter or post card to the address mentioned, or call our business office at (813) 360-4505.

CBC COMMERATIVE STAMP

From Don Weber comes information on the new Canadian Post commemorative stamp featuring the 50th Anniversary of the Canadian Broadcasting Corporation. The face value of the stamp is 34¢ and it can be ordered in amounts of 1, 2, 4, 16, and 50. A service charge of 50¢ is required when the amount of an order is less than \$5.00 Canadian. For more info write to Philatelic Service, National Philatelic Centre, Canada Post Corporation, Antigonish, Nova Scotia, CANADA B2G 2R8.

NEW KENWOOD OUT SOON

Log Report "A" editor Mike Harris just phoned information on a new Kenwood R-5000 receiver. It will have 100 memory channels, optional computer control and voice synthesizer, an honest 102 db dynamic range choice of either high or low impedance antenna connections, dual digital VFO's, programmable scanner and a non-volatile lithium battery back-up. The new set will resemble the Kenwood TS-4400S and optional accessories will be everything available for that receiver.

PROPAGATION PROJECT NEEDS ASSISTANCE

NASWA members in Australia, Japan, and other parts of the Far East are needed to assist in a cassette-by-mail propagation project directed by Joe Hanlan of Philadelphia. Joe is looking for short (1 or 1½ min.) recordings of reception conditions of international stations broadcasting between 6.0 and 26.0 MHz. Tropical bands are not covered. Anyone interested may write to Joe at Propagation Project, 3121 Fairdale Road Philadelphia, PA 19154 U.S.A.

"FRENDX" MAILING

Headquarters has received three or four cards from members stating that as of the middle of August their "FRENDX" had not yet arrived. The August issue of "FRENDX" was mailed on August 1 and there is no reason for such a delay with first class mail. The "official" mailing date for "FRENDX" is the first Saturday of the month and it is often mailed earlier than that.

CONTACT

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

Do I seem to notice a subtle improvement in ionospheric propagation conditions? I have been at the radio a little more, and enjoying it much more -- I hope the same is true for you. I certainly do notice an improvement in meteorological conditions (at least in the Northeast). Let's get started with some letters...

From James Hill (Madison, Wisconsin), comes an alternative point of view in the matter of offering transmitters to interested countries/organizations. This is an interesting letter and raises some pertinent topics for future discussion:

An important perspective in the "buy a transmitter" letters in FRENZY has been touched on but not discussed. Does anyone realize that the things people have been asking for already exist? There are many transmitters already operating in Third World countries and remote island locations. There are portable transmitters brought to sites where no stations (or people) exist. What's more, these stations will QSL, encourage it and even have a bureau or QSL stateside manager to handle the requests! I feel like I've been listening to a game of charades in which the participants have the answer on the tips of their tongues... yes...yes... it's... Amateur Radio!!

OK, I know what you're thinking. We know those amateur guys have DXpeditions to broadcast from Clipperton Is., etc., but we don't want that. We want to listen to AM broadcast from "The Voice of _____." But let's put things in perspective -- an amateur radio station on some remote island is just the same or better.

Take Pitcairn. The amateur station there, VR6TC, is the "Voice" for the island because it's the only station there. The station is usually operated by Tom Christian (a direct descendant of Fletcher) and I've heard it on 14215kHz. Many U.S. amateurs have QSLed VR6TC (not me), and I'm sure a persistent and skilled SWL could get verification with the right research and techniques. Amateurs can learn a lot from SWL QSL techniques. Similarly, there are no shortwave broadcasters on Somoa but I've been fortunate enough to QSL both American Somoa and Western Somoa by working them on the Amateur bands with 90 watts and a dipole. These two Somoa stations, Fiji, Marianas, Tahiti (big Earl) and Cook Is. (North and South Cook Is.) can be heard on SSB [USB that is -- sgm] on the "Brown Sugar Net", 14309kHz, from about 0200 to 0400 UTC. I can often hear those South Pacific stations on SSB when there is no chance of hearing Radio Cook Is. And you don't have to get up in the middle of the night, either.

So, is a new station needed, or just a different perspective on where to listen? Would you rather listen to "canned" broadcasts on tourism in Curaçao, or an operator talking to you, live, about what is happening on his [or her? -- sgm] island? Radio Tahiti used to have canned, 10-minute English broadcasts, but they were intended for the tourists in the hotels nearby.

As shortwave listeners, we often listen where we are not wanted. We can be voyeurs, peeping Toms who are looking for windows into obscure corners of the world, listening to broadcasts not intended for us. Amateur radio has its drawbacks, but often opens up the door and lets us in for the real thing -- real contact with a DX station that wants to, and does, talk directly to you.

Don't get me wrong. I've been a SWL for 27 years, a NASWA member for 12 years. I'm trying to provoke some thought, not put down the hobby. I got into Ham radio because my R70 was stolen. I replaced it with a general coverage transceiver, but that's another story. It just seems to me that the two hobbies get too compartmentalized and this 'buy a transmitter' thing is an example of that. On the other hand, I've found that some of my amateur friends know nothing of the rest of the radio spectrum, and regard international broadcasters as another form of interference. Now that I've done both SWL and Ham radio, I think there is much enjoyment and learning to be shared between the two hobbies, and I hope that we can bridge the gap once in a while.

Now, this is very interesting. We all know that there is a great deal more to listen to than the international broadcasters on shortwave; we may not, however know the nature of the alternatives available to us -- where, when, and how to find them. For instance, I ran across something called the New England Weather Net (75mb--3905kHz, LSB): it is a group of Hams that report on local weather conditions to a central (Providence? Boston?) operator. This information becomes the basis for local weather reports. I have also had the pleasure of overhearing several very enlightening and informative technical conversations between Hams. It is fascinating, as James points out, to hear real people (isn't it strange, and more than a little sad, that that has become a somewhat distasteful cliché since the appearance of the magazine of the same name, dealing, as it very often does, with people the reverse of real?) telling about things as they actually are, at that moment.

Fascinating, yes -- undeniably; but just not the same as listening to a broadcaster whose *intention* it is to fascinate and/or entertain and/or inform. The same difference can be observed in listening, say, to a scanner. It is not, it seems to me, just the difference between being an eavesdropper as opposed to an invited listener, so to speak. That difference in intention is, I think, critical: it shapes not only the material transmitted, but also our response to it. The question is this: would, for example, a concerted effort to expand SWL exposure to Hams' transmissions be as interesting, useful, informative, etc., as an effort to expand the standard broadcast facilities of a country? In any case, what do Hams think of people listening to their conversations? I have made the point before that I would favor and encourage increased contact between the various segments (Hams & SWLs, for instance) of the radio community. There are probably a number of ways of doing this: involving Hams in the portable transmitter project would be one good way -- do you have any other suggestions? Another interesting question occurs to me: how do Hams feel about having their conversations overheard? Presumably, there is no expectation of security; after all, it is communication by means of radio, and that, of course places certain restrictions on privacy -- food for thought in the cellular battle.

From faithful correspondent Nelson George (Fayetteville, North Carolina) comes a letter that clears up a few points that he had discussed earlier:

[...] I can't quarrel with any of the nine points/principles that you listed at the end of the column. For myself, I probably would not have bothered to mention QSLs -- that would seem to be the least of our problems at this stage. Your Point #5 should serve to settle the question of a portable (transportable?) transmitter versus a fixed-station donation. It also takes me off the hook on the food versus transmitter question (Thanks!).

I do believe that Don Moore misread my motives in mentioning the State Department. I certainly was not advocating that we get government sponsorship for the project -- I just thought that consulting State first might point us in the right direction and help us to avoid some potentially

embarrassing situations. Five years ago, it would not have been a particularly brilliant idea to have been involved with a joint venture with Radio Free Grenada. More recently, an association with the governments of Haiti or Suriname would not have been a very good idea either.

I do agree with Don on one thing, though -- Grenada should not be our first choice. Our motives could too easily be misread as attempts to "colonize" Grenada further, guilt feelings over the invasion, etc. There are plenty of other nations around the Caribbean Basin that might be receptive to the project.

I hope that this potentially fruitful idea will not perish from an overdose of talk. We need a lot of input of the practical variety -- all you creative, motivated, organizational types are cordially invited to make your ideas known in order to bring this interesting approach to broadcasting into being. I will only say that the choice of country or organization will not be easy. Any choice will be almost sure to raise somebody's hackles.

CONTACT NOTES

(Forgive me, but the temptation to play around with the fonts available to me sometimes proves irresistible)

With respect to the discussion above about SWLs listening to Ham broadcasts, two very interesting articles can be found in the September 1986 issue of Popular Communications. The first ("W1AW: Amateur Radio's Dream Station" by Charles W. Bender W1WPR; pp 10-15) takes an informative look at the American Radio Relay League's own 'shack'. Included is an abbreviated schedule of the station's activity. Also included are some charts showing where Radio Amateur activity occurs in the radio spectrum. (By the way, for more information about the ARRL and/or W1AW [which broadcasts propagation information, among other things], you can write to ARRL, 225 Main St, Newington, Connecticut 06111.) Even more to the point is an article entitled: "Monitoring the Ham Bands," (pp. 34 - 36) by Patrick O'Connor. Much of this article consists of a breakdown of the Ham bands, what you will find there and when. Also of no little interest is a piece by Harry Helms (K2AES) about SWLing and DXing in Russia ('DXing From the USSR' -- pp. 16 - 20) during his recent visit; most interesting is that the Chernobyl disaster took while he was in Kiev.

This brings me to another point, which is that Popular Communications seems to be improving with each issue, and is becoming more and more worth your attention. Background articles are usually well researched, and the level of accuracy, so far as I have observed, is also high.

Well, that is about it for the time being. I am always looking for new topics to discuss in this forum. It is a forum, because this is where NASWA members and FRENDD readers can 'gather,' so to speak, in order to discuss the many aspects of SWLing. The topics certainly don't have to be profound -- amusing stories, for instance, about your listening experiences are always welcome. You might tell us about listening experiences outside the continental U.S. In any case, WRITE! I hope your summer (or what is left of it) is enjoyable and relaxing.

73--



Easy Listening

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

SUNDAY

- 1235-1245: "Austrian Shortwave Panorama" (O.R.F). This DX program usually focuses on a single topic for the day, like broadcasting in Mexico or the MARS network. Coverage is not limited to exclusively shortwave (despite the title) but often includes medium wave and even television DX. (15.320. Repeated at 0430 on 6.155)
- 0115-0145: "When They Were Young"(Deutsche Welle). A program on the great composers of classical music, usually giving a brief biography starting from what is known of their earliest years. So far they have featured Bach, Hayden, Handel, and Mozart. That still leaves an awful lot of German composers left. (6.040/6.085/6.145/9.545/9.566. Repeated at 0315 on 5.960/6.010/9.545/9.565/9.640 and at 0515 on 5.960/6.120/6.130). Third Sunday of the month.

MONDAY

- 1125-1130: "Economic Horizons" (Radio Beijing). A brief overview of economics in China, including foreign investment, shipping, leasing of industrial equipment, etc. How entertaining this program is, I suppose, depends on your interest in economics, but it's certainly informative in any event. (9.535. Repeated at 1225 on 9.535/9.640. Also repeated for West Coast at 0325 and 0425 on 15.180/15.280. By the way, does anybody know what-ever happened to Radio Beijing's RFI relay from French Guiana? It seemed to disappear somewhere in July.)
- 0125-0130: "Introducing Czechoslovakia" (Radio Prague). An introduction to life in Czechoslovakia, pretty much as the title suggests. This summer most programs have been devoted to vacation related topics: vacation laws, tourist spots, summer camps for school children, etc. (5.930/7.345/9.740/11.990. Repeated at 0325 on the same frequencies).

TUESDAY

- 1210-1215: "Press Review" (Radio Finland). Review of current issues discussed in the Finnish newspaper editorials, sometimes more than one issue per program. One of the nice things about this program is that they give the party affiliation of the paper from which they are reading the editorial. (Repeated at 1310 and 1410 on 15.400/11.945).
- 2310-2315: "Let My People Go" (Kol Israel). Reports on the condition and treatment of Jews in the Soviet Union and "other lands of oppression". Very detailed report of the problems that Jews in these lands (and about the only land I've heard mentioned is the U.S.S.R) are receiving, complete with names, dates, court records, etc. (9.435/7.410/9.855).

WEDNESDAY

- 2200-2210: "Top of the Bulgarian Pops" (Radio Sofia). The format is simple: they play the top three tunes on the current Bulgarian

pop charts. There is little, if any, background commentary between songs. (11.720/15.330. Repeated at 0330 on 7.115).

0125-0130: "Economic Report" (Radio Prague). One of the nice things about this program for a socialist country is that they frequently admit to problems in the Czech economy, analyze the problems, and then talk about the steps that have been taken to correct them. It's nice to hear a socialist station actually admit the country sometimes has problems (5.930/7.345/9.740/11.990. Repeated at 0325 on the same frequencies). Every other week.

THURSDAY

1420-1440: "Seoul Calling" (Radio Korea) A general magazine program that features various topics about life in Korea, including some Korean poetry, preparations for the Asian Games in September, and the 1988 Olympics, and is usually interspersed with a lively variety of Korean pop music. (9.750/15.575. Repeated at 0020 on 15.575).

0150-0200: "In the Meantime" (BBC). This is the BBC program guide to special programs coming up in the next week on the Beeb. Usually coverage is limited to new programs or special editions of standard programs, like "Play of the Week". A good way to plan some of your listening for the week ahead. (They usually have teasers of each of these programs, just to get you in the mood). (6.175/5.975/6.120/7.325).

FRIDAY

1130-1135: "Cultural Interchange" (Radio Beijing). The focus of this program is not Chinese culture in itself, but the interchange of culture between China and other countries. Past programs have featured production of Shakespeare in China, a troupe of Pakistani dancers, and a Chinese version of Oedipus Rex produced in Greece. (9.535. Repeated at 1230 on 9.535/9.640 and at 0330 and 0430 for the West Coast on 15.180/15.280).

1215-1225: "Finnish Notebook" (Radio Finland International). A kind of loosely structured essay in the usual "Letter from--" format about topics of current interest in Finland, like plans to build a new suburb in Helsinki and Finnish vacation time. (Repeated at 1315 and 1415 on 15.400/119.45).

SATURDAY

0150-0155: "Culinary Report" (O.R.F). A brief report on the eating habits of the Austrians, always ending with a recipe for some delicious sounding food, such as "Cherry Almond Cake" or some other mouth watering Austrian pastry (not all recipes are for pastries but for some reason those tend to stick in the mind more often than the others). Recipes are available on request. (6.155. Repeated at 0350 and 0450 on the same frequency).

0215-0220: "Japan Scene" (Radio Japan). Something like an "introduction to Japan" program giving out brief tidbits of Japanese life, like a refreshing, traditional summer drink in Japan, great moments in Japanese cinema, and a fireworks festival in a Japanese city. (15.195/15.420/17.825).

Just as a final note, I recently received a post-card that I have since lost from a reader whose name I've unfortunately forgotten (and to whom I apologize completely and would like to ask that he write again so I could give him credit for his suggestion) recommending the music on Radio Nacional (Colombia) on 11.795 early in the evening hours. The music is not strictly Latin America but is one of the most extensive music libraries in Latin America, including, I understand, even some Vietnamese music. I've tried listening to the station, but in Louisiana it is generally swallowed up by AFRTS on 11.790, but I gather from the reader who wrote to me (to whom I apologize again--your postcard was one of the hazards of my recent apartment move) that it is clearly audible in northern areas of the country.

I'm particularly embarrassed about having lost the reader's name because I would like to see much more input from other members of NASWA. Without that, the column is limited to my taste in programming and my convenience in listening hours, as well as my reception (which is often different for other areas of the country. Please, whoever you were, write again with your suggestion, and the same goes for all those out there who would like to see a particular program (or station) featured in the column.

Calvin Zeb...

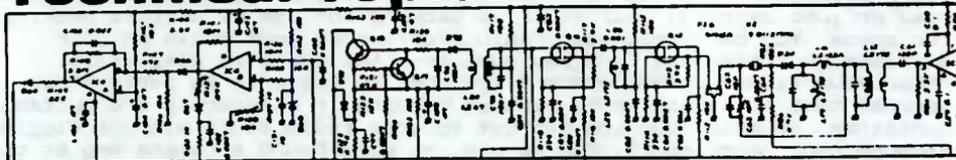
NASWA NOTES

I would like to thank Chris Lobdell of Wilmington, MA for taking over Log Report "B" for the vacationing Jerry Berg. Chris is well known in DX circles and he did a fine job.

I would like to apologize to those members who are patiently waiting for a reply to letters to Headquarters. My typing skills were impaired for a while because of an argument I got into with a machine at work. The machine won and my right hand was tied up for a while. It's out of the cast now and I'm catching up with the correspondence.

73,
Bill

Technical Topics



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

ON THE ROAD AGAIN OR TWO TICKETS TO PITTSBURG

When I was in Fourth Grade, my local Cub Scout den took a trip to the Franklin Institute. They lead us down into the basement to a large row of windows. Through the glass we could see UNIVAC, an enormous machine tended by dozens of technicians doing all manner of tasks. It looked for all the world like a giant ant farm with all the drones attending the queen. The tour guide was busy telling us about the difficulty the museum had getting UNI into the building. After all computers were big machines in the vacuum tube days. The year was 1962.

Now this is the point in my column where regular readers begin to scratch their heads and wonder what Good Ole Uncle Skip is getting at. Well the lead in is to let you know that I am on vacation. I am sitting on a friends pool deck typing this months column into my portable SX-64 computer. The year is 1986. We've come a long way baby! And, I am enough of a fuzzy headed visionary to believe that the day will come soon when I will be dumping this whole shebang into a pocket computer with a megabyte of on line memory powered by batteries.

GET TO THE POINT SKIP!!!

What this months drivel is really about is that modern technology makes it really easy to drag your hobby out into the boondocks on vacation. Radios such as the SONY ICF-2001 and 2010, all manner of pocket rocket receivers, teeny tape recorders, and long duration alkaline batteries make DXing a take-along sport. So in addition to being able to type my column on a portable computer, I am properly inspired by the signals coming down the wire of my portable radio shack. So let us examine how, with sufficient forethought and presence of mind, one can have DX on the go. Let us turn to... (drum roll please)

OLD UNCLE SKIP'S VACATION DX GUIDE

1) RECEIVERS

This will someday be known as the Golden Age of SW portables. A quick glance at any of the market catalogs will demonstrate the plethora of portable pieces. You can go for casual SWling with a pocket rocket and earphone stuffed into a corner of your luggage or you can pack in a SONY, UNIDEN, PANISONIC, or SANGEAN along with as many tid bits and accessories as you figure you will have time to use. Packing anything much larger than a SONY ICF-2001 seems to miss the point. You then cease to take your hobby on your vacation, instead your hobby becomes your vacation and you are in the realm of DXpedition work. Maybe one of our serious Beverage-building, mountain topping, dxpedition types can send in a few words on this aspect of our hobby for future publication. But back to the subject at hand. When you are in the market for a portable, give some consideration to its use as a traveling vacation rig.

2) CARRYING YOUR STUFF.

George Carlin once said the "Your house is your stuff with a cover over it and when you go on vacation you take a smaller version of your stuff with you." The key difference between enjoying your hobby on the road or just carrying your stuff is packing for use as well as packing for space. You can throw your radio stuff under your socks in your suitcase, but then you find you must move the socks to play radio. After several excursions where I included my rig into my portmanteau, learned that it is better to pack your hobby in a separate and suitable container. In this way, you can get to your radio stuff without diggin' through your other stuff. For my use, my wife found a camera bag at our local K-Mart that holds my 2010, tape recorder, antenna, cords, headphones, WRTUH, etc. with room to spare for \$25.

It is well padded, protecting the SONY keyboard and when DX time comes along I just pick up my bag and go listening, no muss, no fuss, no bother. GILFER SHORTWAVE, 52 Park Ave., Park Ridge, NJ 07656 sells a series of padded radio cases for some models. They are worth a look. Back when I did a lot of MW DXing, I carried my portable gear in a old piece of carry-on luggage I scarfed out of my mother inlaws basement. "Oh look, here comes Skip with his GRAY SUITCASE, known in DX story ar song." Actually just about anything that keeps your gear safe and organised will do the trick. If you get particularly creative on this point, write and tell us about it.

3) ANTENNAS

One of the neat accessories to be found in the box the Sony ICF-2010 comes in is a little longwire antenna designed for quick stringin' in portable situations. It gives good gain over the installed whip. If your portable has an antenna jack you can use an old Ham Radio mountaintopping trick. Take fifty feet or so of insulated wire. First you put an appropriate connector for your radio on one end and then connect a lead fishing weight on the opposite end. You don't need to go over an ounce or two because your plan is to be able to toss the wire up into a tree and retrieve it with a tug. More than a light weight will defeat this purpose and also you might face the task of explaining why you clobbered the sun bather over on the other side of the tree. Need I remind my esteemed audience that it is important to securely tie this weight so that it does not become a projectile when tossed? Some folks like to take a short wire with an alligator clip on one end which they can clip on anything that might act as an antenna (Bedsprings work if your spouse doesn't move much in his or her sleep). The only caution I can give on this is that you be absolutely, positively with sugar on top sure that whatever you are using as an antenna or whatever you are using as an antenna support is not in any way electrically energized. At least you will cook your front end diodes, at worst you will cook yourself. BE CAREFUL!!!!

4) HEADPHONES

The birth of the walkman has made for light and cheap headsets that can be converted to most radios with a "stereo to mono" tweener available at most Radio Shack type stores. Many serious DXers feel that the audio response of such headphones might be a liability to difficult listening, but under vacation conditions they seem to be just fine. If you want to get serious and stay lightweight, TELEX COMMUNICATIONS markets a high impedance mono headset. You can also look into the KENWOOD HS-6 and the YAESU YH-77 featherweight headsets available through outlets such as UNIVERSAL SHORTWAVE RADIO 1280 Aida Drive, Reynoldsburg, Ohio 43068. As we all know, a good headset really makes the difference so find one you are comfortable with.

5) TAPE RECORDERS

This is an option for sure, but I find I am usually glad to have one along. Any small cassette recorder the a digital tape counter will do the trick. My little GE is fine but occasionally I look longingly at those little dictation recorders. I suppose they would be fine and about half the size, but the cost may be prohibitive when compared to standard size cassette machines. Make sure you have a proper patch cord so you come back with taped DX and not something that sounds like a motorcycle gang riding through a tunnel. For more information on patch cords take a glance at the Aug. 1986 Tech Topics column.

6) OTHERNESS

In addition to all needed tweekies and patch cords, don't forget the DX essentials. Paper and pens, perhaps log sheets if you use them. The World Radio TV Handbook is always good to have and it provides an added vacation use of letting you know the local stations around vacationland. DON'T FORGET EXTRA BATTERIES!!! Tourist trap battery prices can be 300% above your local discount store.

Well, enjoy your vacation folks. Don't forget to send us a postcard about your vacation DXing.

FLASH!!! TECHNICAL TOPICS SPECIAL BULLETIN

We have been informed by our esteemed Executive Director and Publisher that Bill Cole will be stepping down as editor of Computer Corner. Bill's efforts have been most excellent and he has single handedly served to bring many members of the SW community into the computer age. My personal thanks go out to Bill and I am sure you are all with me in this.

But what to do???

Enter SOFTWARE SIDESHOW!!! A new segment in your regular Technical Topics Column. Henceforth all computer type information and programs can be submitted to SKIP AREY POB C-4, Cinnaminson, NJ 08077. Those computer users who own a Commodore C-64 or C-128 (in C-64 mode) can submit their articles on disk. We can accept Easyscript, Omniwriter, Paperclip, Speedscript, Fontmaster II, and GEOS files. If you are using any other machine I am afraid you will have to submit the hard copy (and I will dutifully transcribe it for publication)

The possibilities for articles are endless. How about someone out there coming up with a program that prints out reply forms in any of several languages???. How about writing about how you modified a commercial database for SW needs? Give it a try. With half of you writing about radios and some of you submitting computer stuff, everyone else will have something to read. Power up troops, the sideshow is in town. Keep those cards, letters and disks coming folks!
NIAGRA FALLS...SLOWLY I TURNED!!!

73
Skip WB2GHA

NASWA Awards Program

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

Greetings and welcome to another edition of the NASWA Awards Column. We were pleased to issue the following Awards during the month of July 1986:

Edward BAKER, England: DX Centurian

John H. BRYANT, Stillwater, OK: Senior DX Centurian, Senior China DXer, Master China DXer, Ecclesiastic DXer, Master Pacifica DXer

Rev. John C. ECKERT, Norristown, PA: European Continental DXer

Thomas McELVY, Norfolk, VA: European Continental DXer, World Wide DXer, Maple Leaf DXer, All Voice of America DXer

Gene REICH, Washington, DC: All Voice of America DXer (HONORARY)

Donna ROBINSON, Willow Springs, IL: European Continental DXer, Australian DXer

John SGRULETTA, Mahopac, NY: Senior Radio Moscow DXer

Bob STURGEON, Richmond, BC: World Wide DXer

John R. TOW, Pinson, AL: Arab World DXPert, Australian DXer

Peter TUTAK, Jersey City, NJ: European Continental DXer, Ecclesiastic DXer, DX Centurian, South American Continental DXer, All Continent "QRP" DXer (50 Kw)

Gayle VAN HORN, Orange Park, FL: All Continent "QRP" DXer (25 Kw), Senior Ecclesiastic DXer.

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

This is our first attempt at doing the column with the Word Processor. Hopefully it will be readable; we have an interface to our Daisy Wheel Typewriter on order and hope to have it in place by next month. The Smith Corona people certainly know what the word back order means, it's been 9 weeks since we ordered the gadget.

Things we like: Fred Osterman's DXER'S Directory, a 100 page booklet listing names, addresses and interests of many DXers throughout the world. Some photos of well know DXers are also included. The cost is \$4.95 + \$1.50 shipping in North America, elsewhere please write to: Universal Shortwave Radio, 1280 Aida Drive, Reynoldsburg, OH 43068. Fred also offers Free listings in the Directory, with no obligation to purchase, an SASE, IRC will get you a form to complete and return. This is a most worthwhile endeavor on Fred's part.

A comment regarding things we like --- Often times we receive review copies of publications. Rest assured that we will not "plug" something that I personally feel would not be of value. In other words, to put it plain and simple, ye olde Kap can't be bought for the cost of a book.

Some serious questions have been raised regarding the integrity of the country list and requirements for the Arab World DXer and Arab World DXPert Awards. Since many folks are currently working on the Awards, would be unfair to cancel them at this time. However, effective 30 Ju 1987 the Arab World Awards will be discontinued. This is NOT a political statement of any kind, shape or manner. The Hobby has been, and will remain apolitical and I will have no part in grinding political axes.

In the next couple of weeks the "magic machine" and I will be compiling a list of all of the NASWA Awards and their frequency of issue. We'll be glad to send along a printout of this report, all we ask is an SASE or IRC as appropriate.

VOA PENNANTS, WHO WANTS ONE??? Watch this page, we will be soon announcing a contest with first prize being a genuine VOA Pennant.

And, to those who have been asking, ye olde Kap finally got Country #150, thanks to Sr. Verdugo at Radio Nacional de Chile. My Awards application is now in the hands of NASWA Executive Director and Publisher Bill Oliver for verification. Unless Bill finds something amiss, I'll be proud to list my own name in the next Awards Page.

I am pleased to announce that a French Language Radio Moscow report form is now available from us. Our thanks to Fabian Serve of Decines, France for taking the time to send it along. An SASE will get you a copy, a must for QSLing Radio Moscow French broadcasts. We are still looking for Portuguese and German forms, we have Spanish language forms available.

Till next month

OT COLLECT CALLS ON THESE ADS, PLEASE

OR SALE: MFJ-1225 RTTY/CW Receiver Computer Interface. Excellent condition. Includes instructions and cable for use with Kantronics amsoft (not included). Works great with the Hamsoft. Have not used it with other software, but instructions say this is possible. Price \$35.00 (negotiable). I pay shipping. Joe Polchlopek, 2509 Longleaf Court, Virginia Beach, VA 23454. Phone (801) 498-1884 2100-0100 UTC.

OR SALE: Drake R-4B with manual. Excellent condition. Price \$200.00 plus shipping by UPS. All ham bands plus 160 - 11 meters. Charles A. Wootten, 944 South Clubhouse Road, Apt. 7, Virginia Beach, VA 23452.

ANTED: Service or operating manual for a Drake SPR-4. Will pay all costs. Can be copied. Larry or Gayle Van Horn, 160 Lester Drive, Orange Park, FL 32073. Phone (904) 272-9654 before 10 pm eastern time.

OR SALE: R.I.B. issues Vol. 1, No. 1 to issue #110. Price \$35.00 plus postage or try to convince me to trade for something unique. Ran out of storage space. Charles A. Wootten, 944 South Clubhouse Road, Apt. 7, Virginia Beach, VA 23452.

OR SALE: Kenwood R-2000 with 2.7 factory and 4.0 Universal filters. Absolutely mint. Original packing and manual. Price \$275.00, UPS prepaid. Hadley D. Cress, 1361 Devon Lane, Harrisonburg, VA 22801. Phone 703) 433-2263.

OR SALE: SPR-4 in good condition and Sanyo tape deck. Both for \$210.00. I pay shipping. WANTED: NRD-515 receiver in good condition. Neal E. Olb, 707 Western Drive, Belen, NM 87002.

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



Computer Corner

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

ANARCON 86 Report

This year's convention saw no formal presentation on the use of computers. However, one didn't have to look far to find the impact that they are having on the hobby and on communications in general.

THE SEEKER

The Seeker an interface for the Commodore 64 and ICOM R-71 was on display. This little hardware/software combination is, to put it mildly, super. Not only does this little devil have a database of the schedules for 26 International Broadcasters, it scans all frequencies for a broadcaster and selects the one with the strongest signal. To get information contact the manufacturer:

AF Systems
P.O. Box 9145
Waukegan, IL 60079
USA

WRTH/BILLBOARD PUBLICATIONS BBS

Also on display was an experimental computer BBS operated by the World Radio TV Handbook and their publisher, Billboard Publications. The BBS was well received by all at the convention. Billboard currently has the board on-line for limited hours to determine user demand. You may call the board at 1-212-764-7539. It is on-line from 1800 EDT until 0900 EDT daily (2200 to 1300 UTC). Please do not call at other times as the phone and computer will be in use by Billboard for other purposes.

ANARC BBS/EDXC LINK

Michael Murray of the European DX Council has arranged to make an electronic version of the EDXC's bulletin available to the ANARC BBS. Although a final decision has not been made, the bulletin will probably be carried as part of the International Broadcaster's Forum on the BBS. The ANARC BBS is on-line 24 hours per day at 1-507-289-7903

INFODUTCH EDITION 3

Radio Nederland's publication on computer usage in the communications hobby, INFODUTCH, is now into its third edition. If you didn't get a copy at ANARCON, it is available FREE on request from:

Radio Nederland Wereldomroep
P.O. Box 222
1200 JG, Hilversum
The Netherlands

JONATHAN MARKS PRESENTATION

Jonathan's presentation was listed, in advance convention schedules, as covering the use of the Computer BBS in the communications hobby. Unfortunately, no one bothered to inform Jonathan of this. His presentation was, nevertheless, superb and those of us interested in computers were not disappointed. Jonathan's presentation included an overview of computer usage the hobby and gave insight into some of the results of the EDXC's computer survey conducted this past winter. As in North America, Commodore is the computer most commonly in use. In rank order, computers are used for:

1. Word processing
2. Database/station schedules, loggings, etc.
3. Propagation
4. Receiver control

Favorite Programs Database

Ron Pokatiloff, author of "Shortwave Programs Database" has announced the availability of the "Favorite Programs Database". It is a simple database program for the Commodore 64 that can be used to keep a database of shortwave, medium wave, television or other communications schedules.

This is a public domain program and can be obtained for:

- \$4 US for a disk (US & Canada)
- \$7 US for a disk overseas airmail
- \$2 US for a hardcopy of the program (US & Canada)
- \$4 US for a hardcopy overseas airmail

Address your inquiries to:

Ronald Pokatiloff
2661 Sheridan Rd.
Zion, IL 60099
USA

And In Conclusion!

With this issue, I retire as editor of the Computer Corner. Since Bill Oliver hasn't notified me that anyone has volunteered to assume editorship, I expect that this is the last issue of the 'Corner' also. I want to thank all of you who so generously contributed programs, suggestions, criticisms, encouragement, etc. It was you who made the Computer Corner possible the past two years.

Although I am retiring as an editor, I am by no means retiring from shortwave nor computing. I will continue to be a member of NASWA and don't be too surprised if you see an article bearing my name in FRENEX from time to time. My association with the ANARC Computer Information Committee especially the ANARC Computer BBS will remain active.

Finally! I am still in the market for a good used ICOM R-70. If yours is for sale, drop me a line.

73's & Good DX to you all,

Bill

NOTICE, PLEASE

As Bill mentioned above, we have not yet found a replacement editor for the Computer Corner. Anyone who would like to edit the column is urged to write to NASWA Headquarters, 45 Wildflower Road, Levittown, PA 19057.

In the meantime, all computer information and programs should be sent to out Technical Topics editor, T.J. "Skip" Arey, P.O. Box C-4, Cinnaminson, NJ 08077. Skip has a notice in this month's Technical Topics column concerning this.



Listeners Notebook

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

PROPER CREDIT

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

A F G H A N I S T A N R Afghanistan, Kabul, ES; some from xmtrs in the USSR. 0130-0230 Baluchi, 0230-0430 Pashto, both on 11820 6085 4450. 07-09 Pashto/Dari V of the Homeland 17655 6085 4450. 09-1030 EG As 17655 15255 6085 4450. 1230-1430 Urdu same except 6085 starts at 1330. 1430-1530 Pashto/Baluchi on 7200 4740 3965. 1430-17 Pashto/Dari 17655 15255 6085 4450. 1630-17 Russian Eu 11805=unconfirmed. 17-1725 AR ME 15520 11880. 1730-1830 Pashto/Dari Eu Breeze of the Hindu Kush, 1830-19 GM, 19-1930 EG all on 11880 9665; 1930-20 FR Eu/ME 9665 (WBI 25/7)

R Afghanistan First Pgm DS, Kabul, is infrequently carried on a 19640 kHz USB feeder [as I recall actually 19637.5 when reported years ago -gh]. On the day of Ashura (in 1986, 14th September) this svc is on the air 0330-0430 & 1330-1930 only. Otherwise: *0130 on 7200 4740 3965. 0430 on 11820 7200 4740 4450 3965. 0700 change to 7200 4740 3965. 1030 on 7200 4740 4450 3965. 1230 on 7200 4740 3965, to 1930* Some of the many pgms mentd, w/titles xldt into EG: Daily 0205-0215 "In the Mirror of the Press" and "Dawn" (topical comment and interviews). 0335-0420 exc Fri Family Life; daily 0420-0430 Religious talk. Fri 08-0830 Call to Prayer and religious talk. Fri 0935-10 Radio Magazine. 1035-1130 Radio, the Voice of the People. 1135-12 Mon Our Northern Neighbour. Tue 1135-12 UN Pgm. Wed 1135-12 Educational pgm or National Fatherland Front. Thu 1135-12 Radio Doctor; Fri 1135-12 Culture of the Masses; 1135-12 Sat Woman and the New Life/Society and Law. Mon/Tue/Thu/Sat 12-1230 Voice of the Soldier Wed 1235-13 In Step with the Revolution; daily 1335-1430 Farmers' Pgm. Sun 1630-17 On the Path of the Revolution. Mon/Wed/Fri/Sat 1630-17 Jam-e Jam = intl affairs pgm. Thu 1630-1730 Religious talk and radio drama. Fri 1735-18 Peasant role in history; 1925-1930 daily NA & closing anmts (WBI 1/8)

A N G O L A E R da Huila, Lubango, on 4820, in PT (rare here in Germany), f/in at 1914, below from R Botswana; 8/8 2120 best SINFO = 34333!!! reports, pop mx pgm was "Música do Negro" at 2155 ID, 2158 IS, Notícias via "R Nacional" up to 2215, following "Música Internacional" pgm; before s/off again ID at 2300, star instl NA, 2305* (Roland Schulze, Stuttgart, GFR)

New fq of R Nacional (maybe A pgm, which is 24h in WRTH 86 on 3355 and last time reported in TBS was March 1985), is 3567.3v in the hamband. Hrd 16/8 0328-0403 w/pop mx and EG text, folk mx, 0359 ID by M "R Angola," also ID "R Nacional de Angola", 0400 nx, 0403 new mx piece w/ID as "Luanda...Angola, transmits R Nacional de Emissora..." [sic] in PT. Same day 16/8 1900 on 3569.1v w/weak sig, tent., typical pop mx, morse QRM, wandering up to 3570 and at 2000 clear ID by M. Tried again next day 17/8 0110 on 3569.2, local mx, bad mod, 0410 t/

in again w/ID, nx, SINFO 34333!!! (Roland Schulze, Stuttgart, FRG)

ARGENTINA Telam nx agcy, Bs As, reported 28/7: Evaristo Alonso, Pres of Assn of Arg Private Radio Stns (ARPA) today issued c/qué on fqt appearance of clandestine radio stns which are either private or owned by municipal or provincial govts. Alonso said ARPA considers it its duty to emphasise need to put an end to this situation, which could only bring anarchy to elec comms. If trend continues, there'll soon be more clandestine stns than legal ones (WBI 1/8)

Telam reported 25/7: Roberto Horacio Tezón, Under-Secy for R BCing at the Comms Secretariat, has installed Óscar Martínez Zemorain Jr as Dir of LRA-1, R Nac of Bs As (WBI 15/8)

Mr Guadalupe Mackinlay of the French section of RAE writes that German pgms are expected to resume in Sept (Henk van der Laan, Neth, August DSWCI SWN)

AUSTRALIA RA reported 24/7: Fedl govt has confirmed that new Chmn of ABC'll be NSW state rail authority chief exec Mr David Hill. Hrd of it while visiting NY; told RA correspondent Martin Gillam that ABC faces one of the most difficult financial yrs in its history because of likely cuts in upcoming fedl budget (WBI 8/8)

RA reported 16/8: Public rallies to protest govt plans to merge its Special BCing Svcs w/ABC are being organised thruout Au over next few days. SBS was established in 1980 to cater to ethnic communities in Au and has own R/TV net. But RA Canberra office says Fedl Govt is concerned at cost of funding two separate bcng svcs and a decision on the future of SBS is expected in next week's budget (WBI 22/8)

BHUTAN [Cf Aug LN-18] Monitoring 13-15 Aug: Use of 6035 confirmed 13/8, pgms in lcl langs to 1330 EG; IDs as Bhutan BCing Svc, s/off 1400; ex-R NYAB (WBI 22/8) Bob Padula & another Australian report hearing this too; NAM? (gh)

BOTSWANA R Botswana, Gabarone, 1/8 1728 on 4820, EG report on Islam w/ID as "This pgm brought to you by the cooperation svc of R France Intl", 1912 EG nx w/ID, 1914 QRM from Angolan in background, listed ER da Huila, Lubango (Roland Schulze, Stuttgart, Federal Republic de Alemania)

/see also SURINAME

BRAZIL R Nac da Amazônia reported 6/8: Planalto Palace spoxeman César Mesquita has ancd that journalist Antônio Frota Neto, govt spoxeman for economic related matters, has been appointed by Pres Sarney the new Dir of RádioBrás, the Braz radio bcng co. Sarney has instructed Frota Neto to change RB into a company for disseminating the nx & views of the govt (WBI 15/8) Emphasis added by (gh) VG sig from R Cultura do Pará, 5045, 22/8 0107, Braz pops, some EG pops redone in PT; canned IDs at 0116 & 0121 (Charles Weiss, So Euclid OH) R Cultura do Pará, 5045, 31/7 0303*, VG s/off routine & NA. R Baré, presumed, 4895, 31/7 0225-0310 t/out w/futebol match, no IDs noted, P. R Dif do Maranhão, 4755 0014-0052 1/8 w/romantic PT vocals, long-winded DJ providing many mentns of Braz, ID and light conversation; 0115 recheck fq covered w/RTTY. R Anhanguera, 4915, 0110-0140 1/8 w/2 M conversing & casual mentn of "R Anhanguera," then play-by-play of futebol match, F at peaks (Richard A D'Angelo, Wyomissing PA)

BULGARIA This R Sofia sked ancd on air differs from the one in July LN: 03-04 7115, 0630-07 15140 11720, 1830-19 11720 9700 6070, 2030-21 9700 7115 6070, 2130-2230 15330 11720, 23-24 15330 11720 (Charles Weiss, So Euclid OH)

CAMBODIA V of the People of Kampuchea, Phnom Penh, ES to As all on 11938 9695 1360: 00-0015 EG, 0015-0030 FR, 0030-0045 Thai, 0045-01 Laotian, 01-0115 Viet; 12-1215 EG, 1215-1230 FR, 1230-1245 TI, 1245-13 Lao, 13-1315 VT (WBI 22/8)

CANADA RNeth reported 24/7 on Media Network: Nx just released of a relay project under which RCI will relay R Japan from Sackville NB xmtr. RCI Dir of Pgms & Opns Allan Familiant says NHK "may have jumped the gun" as contracts have not yet been signed, but NHK is to rent xmtr time to reach the US audience during free time on those xmtrs aimed at the USA. Hours being looked at, which could change before the contracts are signed, are 1200-1300 UTC. If all goes well the timescale [presumably for bcng to begin] is Sept this year.

Canada currently bcs daily for the Ams, Eu, Af only but a weekly arrangement w/Tokyo SWBCer NSB is a step towards other plans. Familiant says reaching Asia

is a high priority at the moment impossible to achieve for technical reasons. The ultimate aim is to reach the Pacific rim. NSB weekly pgm in JP and a weekly pgm on Hongkong commercial radio in EG are 'a drop in the bucket' towards this end. Unfortunately there is no exchange agreement involving the use of R Japan facilities: Japanese law wouldn't allow it and the RJ xmtr'd not be ideal for reaching the target areas of Japan itself and China.

Changes to RCI's NAM svc have been ancd wrongly. RCI will not cancel its US svc. It has been bcng the two [CBC] domestic flagship EG pgms w/two EG half hours of RCI sandwiched in between. Listeners complained that one of the dom pgms was cut off half way thru 'because of xmtr time'. What will now happen is that the two dom pgms will be carried in total and RCI's US bcs will be changed to one hour in the morns [no time specified], Mon-Fri only from 3/11 (WBI 1/8) see also JAPAN

A few changes in RCI EG S86A 7 Sept to 27 Sept: M-F 00-0029 & Sat/Sun 00-0059 US/Mex 9755 5960. M-F 01-0159 US/Mex 9755 5960. 01-0120 SAM 11940 11845 9535. M-F 02-0229 US/Mex 9755 5960. 03-0330 US/Mex 9755 5960. M-F 0515-0530 & 0545-0600 Eu 9750 6140 D7275, ME D 15180 D11840, Af D11775. 0930-0940 Carib 9755 9625 5960 M930. M-F 12-1225 Carib 15440 11855, US/Mex 11955 9650. Sun 13-16 Carib 17820 15440, US/Mex 11955. 1445-1459 USSR 17820=exc Sun, 15325 D11935 D9555, and until 1455-only S15315 S11915. 18-1829(Sat/Sun 1859) 17820 15260. M-F 19-1929 Eu 17875 15325 11945, D7235 D5995. M-F 19-1929 Af 17820 15260. M-F 20-2029(Sat/Sun -2059) Eu 17820 15325 15105 11945 D7285 D5995. 21-2159 M-F Eu 15325 11960. 2130-2159 Af 17820 15150 11945. M-F 22-2229(Sat/Sun -same) 9755 5960 US/Mex. 23-2329 Carib 11710 9755 M930. Sun-Fri 2330-2359 US/Mex 9755 5960. (RCI) As usual, the days of the week in the 00-05 period are actually local/EDT rather than by UTC, as given (gh)

C F I N A V of the Strait is now on the air as follows: 1st pgm 2058-0026 & 0958-1756 overall; 666 & 846 at 2058-0026 & 0958-1756. 2490 at 2058-2329 & 1156-1756; 3200 at 2058-2225 & 1311-1756; 5900 at 2226-0026 & 0958-1310; 6765 at 2330-0026 & 0958-1156.

2nd pgm at 0358-1626 overall; 1377 at 1201-1626; 3300 at 1101-1626; 3535 at 1301-1626; 4045 at 1101-1626; 4840 at 0358-1626; 5240 at 0358-1300; 5770 at 0358-1200; 6400 at 0358-1100; 9540 at 0358-1100.

V of the Strait is the official name of the Chinese PIA stn, renamed 1/1/84 from Fujian Front BCing Stn. Is systematically independent of CPBS and regional PBS; both 1st & 2nd pgms are mainly in Std CH and partially in Amoy.

CPBS bc to Taiwan is now on air as follows: 1st pgm at 0053-0609 & 0953-0002 overall; 3815 at 1321-2245, 6015 at 1221-23, 7620 at 1131-0002, 9380 at 0053-0609, & 0953-0002; 9455 at 0053-0609 & 0953-1320 & 2246-0002; 11100 at 0053-0609, 0953-1220, 2301-0002; 11925 at 0053-0609 & 0953-1130. Also on MW 549 693 765 792 909 1116 1512 1476; FM 100.7 & 103.9.

2nd Pgm at 2053-0102 and 0353-1802 exc 0602-0953 on Wed, overall; on 4850 at 2053-2230, 1301-1802; 5090 at 2053-22; 6095 2231-0102 & 0353-13; 6790 at 2053-2229 & 1136-1802; 9170 at 2201-0102 & 0353-1802; 11000 at 2230-0102 & 0353-1135. Also on MW 594 684 927 1089 1224 1431; FM 105.9 107.9. Both 1st and 2nd pgms are mainly in Std CH and partially in Amoy & Hakka. These stns did not adopt DST because they are staying with Taiwan time UTC+8 which did not. Sked of each stn was monitored by my DX friend Satoru Suga, in July (Tetsuya Kondo, Japan, 10/8) see also FRANCE; USA

Establishment of "Sanxia Province" which was reported in June IN seems to be postponed for a period of time. Xinhua News Agcy corrected the former information afterwards (Tetsuya Kondo, Japan, 10/8)

R Beijing Russian svc: bcs from some xmtrs may be a few secs out of sync w/others; some even on occasions carry a completely different pgmme; all to Eu [!]; reversed tape at 03-0355 on 9335 8260; rest are forward:

03-0355 15535 15480 15435 15335 15200 15095 11750 11610 11515. 10-1055 on 9725 7820 7120 6560; 11-1155 same. 13-1355 7820 6560 5850 5145 4885 4815. 15 1555 11610 9765 9240 7820 7375 6555 5850 5145 4884[sic] 4815. 16-1655 11755 9965 9765 9290 7820 7470 7375 7035 4885 4815 4200. 17-1755 11755 11610 11500 9965 9290 9250 7470 7375 7035 4200 1521. 18-1855 11755 11650 11245 9200 7385 7375 7035 4200. 19-1955 11755 11650 11245 7375 7080 7035 6815 5430 4200. 20-2055 11755 11245 9670 9340 4200. 21-2155 11755 11650 11565 11245 9290 7385 7360 7035 4200. 22-2255 & 23-2355 4885 4815 (WBI 8/8)

CPBS Taiwan Svc pgm I [cf above version]: daily 0055-0610 on 15710 11925 11 100 9455 + MW. 0955 on 11925 11100 9455 9380 + MW; 1300 on 9455 9380 7620 601 + MW, 1400 on 7620 6015 5125 3825 + MW; 23-2400* on 11100 9455 9380 7620 + MW.

CPBS Taiwan Svc 2nd pgm, Peking [sic], *2053 on 15880 11000 6095 + MW; 2330-0103* on 11000 9170 6095 + MW. 0353 on 15880 11000 6095 + MW; 1130 on 11000 9170 6095 + MW; 1230 on 9170 6790 6095 + MW, 1330 on 9170 6790 4850 + MW. 1530-1803* on 6790 5090 4850 + MW. (WBI 15/8)

V of the Strait First Pgmme, Fuzhou [cf above]: *0958 6765 5900 5240 4045 + MW, 1200 on 5900 5240 4045 2490 + MW; 1310 change to 5240 4045 3200 2490 + MW; 1330 change to 4045 3535 3200 2490 + MW; to 1758* *2058 on 4045 3535 3200 2490 + MW; 2225 chnge to 5240 4045 3200 2490 + MW; 2310 change to 5900 5240 4045 2490 + MW, to 0028*.

V of the Strait 2nd Pgmme, Fuzhou, *0400 on 11590 9505 6400 6000 5770 + MW; 0800 change to 9505 6400 6000 5770 4840 + MW. 1000 change to 6400 6000 4840 4380 4130 + MW; 1200 change to 6000 4840 4380 4130 3300 + MW; 1230-1630* on 4840 4380 4130 3300 2600 + MW (WBI 22/8)

Xinjiang PBS on new 2560 kHz 1358-1410, // 7050 & 4735, ID at 14 and into Is lamic-type mx (Victor Goonetilleke, Sri Lanka, undated, Aug DSWCI SWN) Uighur svc listed in TBS-14, not really new, since first reported in Dec 84, but seems to be on vry erratically; also noted in Eu at times, e.g. 22/3 // 4735 (Bernhard Gründl, GFR, DSWCI Ed.)

C O L O M B I A R Sutatenza unhrd at present on 5095, off the air? Addl addr to that in WRTH: Carrera 39 A No. 15-81, Bogotá DE. Location of SW & MW 810 xmtrs is Mosquera, Cundinamarca (stn to WRTH via Aug DSWCI SWN)

C U B A Prensa Latina reported 24/7: Cuban TV'll begin bcs via satl Sat 26/7 for apx 3 hrs over the wknd; marking 30th anniv of attack on Moncada Barrax, an cd by Fidel. New channel, which reps an effort to provide more reliability to the Cuban TV system, has objective of ensuring bcs thruout nation's terr in evnt of microwave net breakdown; also'll benefit many workers, students, diplomatic missions abroad and all people interested in watching the most outstanding material in Cuba's TV and cinema industry in fields of culture, sports, nx. During this initial stage, sig may be viewed in Atl coast of NAM, C&SAm, Carib, Eu, Af on Fri/Sat/Sun from 1800 Cuban time (2200 UTC). Cubavision may be monitored on video channel 3.775 GHz w/audio subcarrier of 7.5 MHz for which a satl rx w/variable audio tuning is required. Carrier of the bcs'll be on the geostationary satl of the intl Intersputnik system; duration will be expanded day by day to a period of 8 hours.

AFP reported 24/7: Gramma says satl is the geostationary satl No. 4 above the Atlantic; xmsns receivable w/in circular zone, circumference going thru northern Greenland, Ottawa, Chicaco, Mex; west coast of LAm, thru Antarctic, up east by coast of Madagascar, Gulf of Oman, Iran, east of Moscow, Finland.

During iv on Tele-Rebelde 1100 29/7, Dir of Cuba's Intl Tech Centre and the Pgm Dir for the newly created Cubavision satl TV stn said svc had already been satisfactorily rxd by Cuban 'internationalists' [mercenaries] in Angola & Ethiopia as well as by Cuban diplomatic missions in Moscow and Nicaragua. New ch carries best of T-R and Cubana TV pgmms, except for a nx bulletin specially produced for the intl channel (WBI 1/8)

Best films and TV pgms in culture, sports, nx, Fri/Sat/Sun 2200; Dir of Cuba vision, Danilo Cirio, says in early phase and until late Dec, only weekends; when local DST ends will remain at 2200 UTC, change to 1700 local; on the air for no less than 3 hours; maybe a little more; from Jan will expand hours little by little to daily, slowly, up to 8 hours a day (WBI 8/8)

Vy interesting that Cuba is promoting individuals to tune this in, unlike most other intl TV svcs which discourage such; in SCDX, George Wood says the orbital position is about 14^{OW} (gh)

Prensa Latina reported 28/7: Cuban Deputy Forn Rels Min Ricardo Alarcón said 28/7 that the US admn which says it defends freedom of speech, only practices that principle outside its borders. Alarcón, who participated in recent talks w/Wash reps in Méx re radio xmsns from Cuba to US, said Reagan govt has total monopoly over info inside its borders. Alarcón made those statements today during a nx conf attended by some 20 US spl correspondents visiting Cuba for the 33rd anniv of the attack on Moncada. Alarcón reiterated that the talks in Méx didn't produce any agreements because of US lack of political will. Alarcón said that due to US refusal to grant Cuba a protected fq for radio xmsn from Cuba to US, the US population is deprived of Cuban info. Alarcón added that the Cuban people have option of listening to Cuban stns, or e.g. VOA svc to Cuba R Martí. Pointed out that purpose of talks in Méx, which were a Washington

initiative, was to study possibility of radio xmsns on MW from Cuba to US. He said he worked on this for 2 days in Méx and on nothing else. Said all the discussions centred on the civilised study of ways of offering a normal radio svc to the US, whose govt is always talking about freedom of speech. But Alarcón added, the US expressed its absolute unwillingness to permit that freedom to be applied from abroad.

In answer to numerous questions by the journalists, and esply by the US ones, Alarcón said that coordination is vital in order to avoid harming numerous US commercial stns. Said our intention was to avoid creating problems because the absence of coord could affect other radio stns in the US. Said meeting in Méx was an important step, tho he ruled out possibility of reinstalling the migratory [sic] bilateral agreement before solving the problem of the right to xmit to the US. Re R Martí, via US govt stn, VOA, Alarcón said that Washington "can continue playing with that toy" because "that is irrelevant to us". Alarcón pointed out that the important thing is the recognition of our right to do the same. In ans to Qs re possibility of new talks w/US, Alarcón said "the door is open", tho added there were no other contacts after the talks in Méx (WBI 8/8)

[WBI ed note: Believed proposed svc from Cuba to USA may be called "R Lincoln" in response to "R Martí"]

R Moscow on 4770 28/7 0109-Q124 w/talk by M&W w/RM IDs 0115; another temporary fq change? 2 days later on usual 4765 (Richard A D'Angelo, Wyomissing PA)

C H I L E R Nacional has been IDing as "RSN - Radio Sistema Nacional" for a couple of months; haven't hrd a R Nacional ID for a long time (Charles Weiss, So Euclid OH, undated, probably 3rd week of August)

Sociedad Rdifs Patagonia Chilena Ltda, runs R Patagonia Chilena, 6080, situated at Simón Bolívar No. 26, Coyhaique; the 1 kW xmtr is at Camino Los Álamos. Slogan: "Una voz amiga al servicio de Aysén". F.Pl is change of fq and power incr to 10 kW, but unmentions MW or SW (stn to WRTH via August DSWCI SWN)

R Nacional [sic], Stgo, relayed a report 14/8 from R RSN [sic] of Valparaíso: Three armed individs belonging to the Movement of the Revly Left [MIR] broke in to studios of radio stn Pochay FM in Quillota and bc anti-govt slogans; the terrorists forced employees to lie on floor, tied hands w/wire, cut phone lines and bc two cassettes w/subversive slogans which started and ended w/mx.

AFP reported 17/8 from Santiago 16/8: A group of armed commandos today took over R Ignacio Serrano in the city of Melipilla, 50 km W of Stgo, w/intention of being a proclamation against the mily govt of Genl Augusto Pinochet, but their action was frustrated, per Police reports. 5-member commando group, presumably from MIR, overpowered stn personnel and tried to bc proclam, but unable to do so because the radio techs had disconnected the electricity and the bc was interrupted. In a statement delivered to Noticias Argentinas press agcy in Bs As, MIR ancd that this week it'll begin a political-military offensive against the govt of Gen Pinochet... (WBI 22/8)

D O M I N I C A N R E P U B L I C World Radio Network SA, has reached agmt w/ R Clarín to serve as its intl rep and sales agent; this follows a recent change in ownership and mgmet at the DR's most powerful radio stn. New ownership is headed by Salomón Sanz, one of the stn's founders, and Manuel Pimentel, owner of the popular Sto Domingo AM & FM stn R Mil; as a result, R Clarín is in process of major changes in mgmt, pgming, and tech facilities; i.e., Clarín's omni SW ant is being modified to generate a direxional sig w/much higher ERP. Politically-oriented SP pgming has been discontinued [CID, whether overtly or not]. Rudy Espinal is also involved as pres of WRN (R Discovery Press release 16/7 via Richard A D'Angelo, PA)

R Clarín, 11700 is off the air while the ant is being modified to directional toward New York; expected back from 1/9 w/new svc incl 20-22 relay DS in SP; 22-23 revived This is Santo Domingo in EG, produced by Jeff & Rudy; 23-24 mx in SP for Doms in US (SCDX bc 26/8) & Jeff White has sold his stock in Earth(')

R Santiago, 9778, addr is 30 de Marzo No. 17, or Apartado 282. This fq, HIAZ, has 1 kW, used 0930-12 & 22-04; xmtr site: Rincón Largo, Stgo (stn to WRTH via Aug DSWCI SW News)

E C U A D O R Rdif Ecos del Orellana, at Luís Cordero No. 226, Machachi, plans SW opn, per letter to WRTH; no planned fq mentd. slogan: al servicio de Pichincha y el país; located in Cantón Mejía, Prov Pichincha, listed in WRTH as stn 248) on 1580 w/5 kW.

R Federación, Sucúa, 3210, plans to change this fq to 6000 w/ 10 kW; slogan is "nada se obtiene sin esfuerzo". R Fed plans to change 4830 to 5000 [!] w/10 kW (stns to WRTH via Aug DSWCI SWN)

E G Y P T The Voice of Africa, 18-1920* on 15263, new fq 6/7 & 7/7, incl EG/AR lang lessons 1815; bad modulation, SIO 322 (Björn Fransson, Sweden, DSWCI SWN) Not clandestine, as I've seen reported elsewhere, just a Cairo pgm name (gh)

E Q U A T O R I A L G U I N E A Intl svc from Bata, 9553.2, w/EG relig pgms & NA to 2202*v, has changed sked since late July; was hrd on these dates only: 22/7, 25/7, 29/7, 31/7, 1/8, 4/8, 5/8, 8/8; new sked seems to be Mon/Tue/Fri, but also noted on one Thu, 31/7 (Ernie Behr, Kenora Ont, 9/8)

R Nacional, 9553, 1/8 2159*, SIO 222; only caught NA; squeezed by Havana IS during anthem (Richard A D'Angelo, Wyomissing PA)

F R A N C E France Inter reported 22/7: 21/7 in a calm atmosphere and in spite of the Opposition's continued sharp criticism, François Léotard conceded to the Senators, and to Sen Diligent in particular, that the chairman of RFI should not be appointed by the Cabinet, but like all the others [chairmen of domestic R & TV svcs], by the Natl Commission for Communications & Freedoms, on condition that this should be from among the members of the board of admn appointed by the state... (WBI 25/7)

RNMN reported 24/7: Earlier this year, RFI started to feed pgms to China for bc from R Beijing xmtrs. In exchange, pgmmes from studios in Beijing were fed by satl for bc to NAM from RFI's relay stn in French Guiana. Suddenly, RB 'powerhouse signal' in NAM has gone. Guy Riboreau, RFI dir of pub rels, explains [in EG] that they had to stop 'mainly for political reasons because the new French govt [under Premier Jacques Chirac] decided that this agmt w/the Chinese was not satisfactory from a political point of view'. This was unfortunate as the RFI sig came in loud and strong. "We are trying to find out whether there are other solutions. A few countries propose us [as hrd] to make such an exchange of fqs and we are studying that at the moment." The long-term idea of bldg an RFI relay stn in Sri Lanka is going ahead. It will definitely be in the south. A mission was sent recently to study the site.

Since Oct last year, a French-lang TV stn in Québec has relayed RFI sound thruout the night after its screens close down. What is expected to be a much more successful scheme has just been added, whereby RFI has its own channel on the cable radio system. This started 18/7 on the main Vidéotron cable network and 26 cable nets in the Québec region are interested in providing the sig to their subscribers. The fq in Montréal is 94.7 for 24h a day, mainly RFI pgmmes including 4 hours of "France Culture" (WBI 1/8)

RFI reported 2/8: [newsreader] The future of our channel, RFI, is one of the elements of the current debate on bcng in France. The Senate has modified François Léotard's draft bill by proposing that our Chmn & Managing Dir be nominated by the new Natl Comm of Comm & Freedoms. Now the Natl Assembly spoxeman, Michel Péricard, takes the view that this choice has to come back to the govt. In his opinion, RFI is the voice of France in the offl sense, so much so that its journalists must be considered rather as civil servants.

[Michel Péricard] RFI is journalism of opinion; it is journalism of opinion and the opinion is that of France. RFI addresses itself to foreigners and 98% --a figure of (?its?) listeners' associations--are forn listeners. Can it be conceivable that RFI should not speak in a single voice, as France does? At this moment we are seeing something very interesting indeed. The Pres and the P M, and there is no mystery about it, are not absolutely in agreement over everything in forn policy. As soon as they have crossed our borders they try, they are attentive, they are scrupulous, and they both succeed in talking with a single voice. And could there be a radio which did not have the same professional code of ethix? No [indistinct sentence--possibly interjection by reporter]. It is not a tragedy. I simply say that if this bothers a journalist (?he must leave) and [words indistinct].

[Newsreader] On behalf of the trade unions, here is a reply from Olivier Dalage [phonetic]: the journalists of RFI must be - in order to keep their credibility - journalists like the others. Here he is:

[Dalage] It's rather sad when a former journalist asks his colleagues to abandon all professional codes of ethix. We are journalists like the others (? We try to carry out) our job in the most honourable way. Simply it should be said that at present we have 80 million listeners in the five continents. They have been won by virtue of credibility. There is still progress to be made.

If tomorrow we start making propoganda radio, as Michel Péricard wants, a very big part of this audience could be lost.

[Reporter] If it is intended to make RFI into the equivalent of the VOA, is that so shocking?

[Dalage] It is a political choice of the govt. The problem is that the VOA which 5 or 6 years ago made the choice of no longer being a radio just for information but primarily one for govtal propoganda, has lost many listeners in Africa. We run the risk of having the same experience, while at the same time radios such as the BBC, Deutsche Welle and, of course RFI (?have gained) listeners. The question is whether (?it would be) really worth it? (WBI 8/8)

France Inter reported 12/8: The joint commission of an equal number of Deputies and Senators 11/8 decided on the final changes to the Léotard bill on R & TV. The Chmn of RFI will be designated by the future Natl Comm for Comm & Freedom (CNCL) from among the members of the administrative board of the channel who are appointed by the state (WBI 15/8)

G R E E C E R Macedonia, Thessaloniki has been noted on new 11595 arnd 0500 w/usual relay of GK domestic pgming (Bob Padula, R A JP DX Time 10/8)

Per Demetri Vafeas, v/s of VOG, sites are used as follows during NAM svcs: 00-0150 & 02-0350 100 kW from Avlis on 7430 and 9420; 250 kW from VOA Kavala on 9395, 12-1250 & 15-1550 Avlis on 17565 15630, Kavala 11645 (Christos Rigas IL)

G U A M KIWR now on 11735 ex-15115 at 0745-0900 M-F; 0730-09 Sat/Sun; Distant Listeners Log [sic] Sat 0825 (Arthur Cushen, June NZ DX Times)

KSDA has been authorized the following for S86: 100 kW xmtrs mostly to reach 4800 km, but in some cases 6400 km: 7160 21-23 255°, 9515 11-13 315, 9535 17-18 285, 9630 13-15 315, 9770 15-17 345, 9820 13-18 285, 11855 09-11 345, 11965 21-22 345, 11965 22-24 345, 15115 00-04 315, 15335 23-02 285, 15440 09-12 255, 15440 12-13 285, 17840 02-04 285 (via George Jacobs, MD) Just for practice, getting their foot in the door, because: (gh)

Not on air til late Dec, if not before (Allen Steele, AWR Guam, RA TB 24/8)

H O N D U R A S HRRI hrd w/G sig 21/8 0040-0110 on 4755; US pops w/M ancr in SP. ID at 0045 w/call letters only, and into unID lang at 0100. 22/8 same time w/pgm of reggae mx w/M ancr in EG; ID (Familia Radio) [sic] and TC in SP and into unID lang [Miskito, surely] at 0100 (Charles Weiss, S Euclid OH)

Various guesses, including our own as "Family Radio" pronounced in Spanish just like WYFR does it, about the correct name of this stn have proven to be incorrect, as Nelson M George & Kirk Allen have received reply in EG from the stn spelling it out as "SANI RADIO"--no explanation of how this name came about--perhaps short for "Sanitario"? Replies come from La Ceiba, but says stn xmits from Puerto Lempira, Thank God. Says sked is 12-01 (gh)

H O N G K O N G HK Commercial R B Co Ltd added 94.7 MHz mono to CRE svc in EG on traditional 1044 kHz; new fq not IDed in Jan 1986 [sic]. BFBS English Ch has gone to stereo xmsn recently, sked 21-16 on 90.2 96.8 98.8 99.5. EG/Nepalese ch is on air 21-16 on 1251 kHz and 95.3 MHz (still mono). Nepalese pgms are at 22-0130, 04-05, 11-15. This info caught on a trip to HK this July (Tohru Yamashita, xltld by Tetsuya Kondo, Japan)

I C E L A N D ISBS hrd on 9985 in IC 19-1940*, USB mode, fair sig 25/7, replacing listed 9675; 9640 at 1305 not hrd since late May; 11855 at 1305 also inaudible (Ernie Behr, Kenora Ont, 9/8)

I N D I A AIR Delhi reported 6/8: The number of AIR stns is proposed to be increased from 91 to 203 by the end of the seventh five-year plan. Addressing the consultative committee of the members of parliament of his ministry, the Info & BCing Min, Mr V N Gadgil, said every effort is being made to update the studio eqp w/latest technology. Said efforts also being made to maximise the cov by AIR, w/spl attn to the border and tribal areas (WBI 22/8)

I N D O N E S I A RRI Natl Pgmme, Jakarta: 2158-0100 11770 9680 7270 6045 4774 3277 2332 999; 01-0458 Sun 9680 7270 6045 2332 999; 0458-08 11770 9680 7270 6045 2332 999; 0958-1710 11770 9680 7270 6045 3277 2332 999. RRI local pgm (Khusus), Jakarta, 08-15 & Sun 01-02 on 4774 3277, fqs also being the Natl pgm at certain times (WBI 22/8)

I R A N IRIB, V of the Islamic Rep of Iran DS, Tehran: 0230 on 15084 9022 to 0530; 0730 15084 to 1115; 1415-1500 15084, 1615-1730 15084 11930 9022, 2030-2130 15084 9022. The svc continues at all other times during the 24h on MW & VHF/FM only, which are also used at the times shown. Some of the pgms, in Persian, of course: 0230-0245 nx heads & war reports. 03-0330 Historical Chronicle; 0355-04 exc Fri What's happening at the Front? Fri 04-0430 Review of foreign radios; 0440-05 On the fringes of the news; Sun/Tue/Thu 0740-0810 Islamic Revolution Guards Corps pgmme; 09-0930 exc Fri Workers' pgmme. 1240-1300 exc Fri Msgs from the war front. 13-1330 exc Fri Future makers' pgmme. 1330-1335 exc Fri Provincial nx reports. Sun/Tue/Thu 1335-14 Army pgmme; 1335-14 M/W/Sat Reconstruction crusade pgmme; 1430-15 exc Fri Farmers' pgmme. 16-1630 exc Fri The World in Revolution (WBI 1/8)

I R A Q R Baghdad, 20-22 on 15120 to Eu, 00-02 on 11750 to N&SAM, both hrd well here (Charles Weiss, So Euclid OH, 22/7) VOA using 15120, contrary to and 15160, from 2135, and carrier often on much earlier (gh)

R Baghdad has apparently retimed its 03-05 EG to NAM, to 00-02, still on 11750; must be vy new as I was checking data for Aug NASWA computer listing as little as two weeks ago. Noted from t/in 0040 on 2/8; severe area thunderstorms obliterated sig by 0115. Next night, 3/8, Tstorms again ripped thru here, we lost elec til 01, and I tuned in after 0120. G, readable sigs, and at 0152 s/off amnt incl: "N&SAM EG on 11750 at 4-6 Baghdad local time equal to 24-2 GMT." Still they can't get time conv right for EG to Eu 21-23 on 1170; carrier remained on air until 0300 sharp [you mean 0200?]. No ment of 03-05 xmsn, which I could hear most nights, but this earlier hour is better (Tom Sundstrom, WZXQ, Vincentown NJ, 2/8)

10/8 1701, R Baghdad s/on on 13650, G, // 13700; still on 13650 at 2100 recheck (Christos Rigas, Chicago IL)

V of the Masses and in AR 14/7 [all times UTC+4]: From 15/7, the [separate VOM svc] to Eu & Ams will join the Baghdad VOM radio; listener input invited on our pgms: 6125 Pal/Syr/Jor 07-18. 9505 Arab Pen, Arab Gulf 07-12 & 18-02. 9635 NAM [time span indistinct]. 9665 Egypt 07-12. 9705 Arab Pen/Gulf 07-12. 9690 India/Pak 05-08. 9770 SAM 04-08. 11705 USSR 08-01. [another 25 m fq, details indistinct]. 11740 Libya 10-04. 11790 SAM 02-07. 25m [fq indistinct] Egypt 18-20. 11790 [beam indistinct] 18-02. 11810 UK 09-12 & 22-06. 11810 India/Pak 16-20. 11905 Somalia/Eritrea 18-02. 13600 China/Japan 16-02. 13650 France 10-01. 13700 Libya 12-02. 13700 Morocco 20-04. 15105 Australia 10-14. 15175 Sudan 08-11 & 19-03. 15255 France 21-02.

Ed note from WBI: until now, Iraqi radio had separate VOM svc for Eu/NAM, 15-2030 in summer on 21710 11830 9745 9630. Preliminary obs of VOM svc since 15/7 show it's on up to 11 of these fqs at any one time: 21583 17705 15440 15300 15255 15175 15105 13700 13650 13600 11905 11810 11790 11770 11760 11740 11720 11705 9770 9690 9665 9635; no SW xmsns so far hrd at 10-12 (WBI 25/7)

VOM SW fq usage; during winter time in Iraq, all one hour later than: 00 on 17705 11760 11740 9770 9635. 01 on 11760 11740 9770 9690 9635. 02 on 11760 9770 9690 9635. 03 11760=to 0330 9770 9690=to 0330 9665 9635. 04 on 21583 15175 15105 9665 9635. 05 on 21583 17705 15440 15175 15105 13700 13650 11810 11770 9705 9665 6125. 06 on 17705 15440 15175 15105 13700 13650 11810 11770 11740 9705 9665 9505 6125. 07 on 17705 15440 15175 15105 13700 13650 11810 11770 11740 11705 9705 9690 9665 9505 6125. 08 on 17705 15440 15105 13650 11810 11790 11770 11705 6125. 09 on 17705 15440 15105 11770 6125. 10 on 6125. 11 on 6125. 12 on 21583 15300 13600 11810 6125 (SW fqs at 12-1330 are intermittent). 13 on 21583 15300 13600 11810 9690 6125=to 1330. 14 on 21583 17770 17705 15445 15300 13600 11810 11790 11720 9690. 15 on 21583 17705 15445 15300 15175 13600 11810 11790 11720 11705. 16 on 17705 15175 13700 11905 11810 11790 11720 11705. 17 on 17705 15255 15175 13700 13650 11905 11790 11705 (Libya Corner pgm 17-19); 18 on 17705 15255 15175 13700 13650 11906 11810 11790 11770 11740 11705 9665. 19 on 17705 15255 15175 13700 13650 11905 11810 11790 11770 11740 11705. 20 on 17705 15255 15175 13700 13650 11905 11810 11790 11770 11740 11705. 21 on same. 22 on 17705 15175 13700 11770 11760 11740 11705. 23 on 17705 13700 11770 11760 11740 9770 (WBI 1/8)

Monitoring 4/8: R Baghdad ES to Eu & Ams reorganised: FR, GM, EG to Eu now on 15120 18-19, 19-20, 20-22 resp; EG to N&SAM 00-02 on 11750; these bcs probly introed 15/7, when Iraqi radio made changes to VOM svc. During winter time in Iraq, above mentd bcs may be hrd one hour later by GMT. So far there appears to be no change in being output (WBI 8/8) I.e., hours per week in each lang, regard less of how many fqs used (zh)

I S R A E L Controversy over building a VOA relay stn: VOI reported 19/7: Head of the Arava Regional Council, Ilan Oren, says negos w/US ovr bldg VOA xmtg stn ran into trouble as the prepared draft agmt is not good for Israel, and the Justice & Finance Ministries are opposed to it. Ilan Oren told an ITIM correspondent that the reps of these ministries rejected the draft prepared by the Comms & Forn Ministries when it transpired that the proposal doesnot guarantee work for Israeli companies and the establishment of a settlement where the operators of the stn'll reside. Per him, the Forn Min is exerting pressure to have the agmt approved so that it can be signed during VP Bush's visit to Israel. It is estimated that the construxion of the stn'll cost about 300 M\$ and it is one of the projects destined to contribute to economic growth in Isr.

VOI reported 20/7: Finance Min Moshe Nisim opposes a draft agmt betw Isr & US over planned VOA relay in Arava. Under draft proposal agreed by a MinCom team in Wash, Isr'll only rx a samll share of the work required in the xmtg construxion. Nisim is also against the Am req for tax exemption for the xmtg. The draft agmt is sked to be approved at today's cabinet meeting.

VOI reported 20/7 5 hours later: Dir-Gen of Comms Ministry believes that the draft agmt betw Isr and the US on bldg VOA relay is very good. Per him, the Ams are having problems in receiving the OK from Wash, cause agmt favours Isr companies too much. Dir-Gen Yoram Elster told our correspondent Elihu Ben-On that all the tenders for the work in the Arava will be published in Israel, but US companies'll have free access to them. The tenders'll be completely open, and'll not be promised to any company beforehand.

VOI reported 20/7 3 more hours later: heads of the spl body in charge of the Construction Branch sent telegrams to the PM, the Finance Min and the Construxion & Housing Minister, requesting that they refrain from signing the agmt w/US on bldg VOA stn. Per them, despite govt's clear commitment, no preference was given to the Israeli bldg contractors and per the draft agmt, it's almost certain that all the construxion work'll be handed to US companies (WBI 25/7)

RN MN reported 7/8: Israeli ecologists have expressed fears that a huge relay stn to be used by VOA and RFE may harm bird migration betw Eu & Af. 30/7, VP Bush attended ceremony in Jerusalem at which US and Isr offls signed the construxion agreement for 16 x 500 kW xmtrs plus an antenna system, to be built in the Negev desert. Oflls of the Israeli Nature Protexion Society say the 200 [sic] M\$ project'll result in high electromagnetic radiation levels which may interfere w/the birds' navigation systems. They also worry about physical damage to birds (WBI 15/8)

V of Israel's AR-lang stn is one of the most popular in the ME; a poll conducted in Egypt 6 months ago showed us n 2nd place in Eg pop ratings w/26%, right after RMC w/27%, and better than Cairo Radio and the BBC. Surprisingly, the most venomous propaganda against Isr does not emanate from Damascus or even from Riyad, but from Amman (a few points from a sesquipage WBI 15/8 report from Hadashot, Tel Aviv, 10/8)

Coincidentally, Israel goes off DST 7/9, same day as S86 fq changes, so EG will be: 05-0515 17630 13725 11960 11700 11610 11585 9855 9435. 11-1130 17685 17630 15650 15640 15095 13725 12080 11700 11585. 18-1815 13745 11585 9930 9855. 20-2030 13725 12080 11960 11700 9815 9435 9009 7465. 2230-23 13725 11960 9855 9815 9435 9009 7465. 00-0030, 01-0125, 02-0225 9435 7465 5885.

Hebrew HS relay at 04-2315 uses from 1 to 6 fqs at a time among: 17555 15615 15095 13745 11615 11585 9930 9855 9385 7465 (Bezeq)

I T A L Y AWR Forll hrd using 6185 instead of 6207 (listed 6215) for GM 05-06 and EG 06-0630 (Noel R Green, UK, Aug DSWCI) From 28/9 EG to be at 07-0730 & 19 30-20 on 6215 (Edwin Southwell, ibid.)

RAI EG to NAM 01-0120 on 11800 5990 (WBI 15/8) Was this correct? Following bc in FR 0120-0135, normally on identical fqs, shown as 11800 9575 (gh)

I V O R Y C O A S T Abidjan on 4940 2343-2401* 10/8 in FR, F (C Rigas, IL)

J A P A N R Japan relay via Sackville, Canada, starts Oct 1, fq not yet decided at 6:30-7:30 DST [sic] in JP & EG; 26/10 to 25/4/87 [incorrect assumption of ending date of standard time in US spring 1987--it's been moved up to first Sun in April; but what about Canada?] at 6:30-7:30 EST [sic] w/langs reversed, EG & JP (via Kraig W Krist, VA) No indication if am or pm, but see CANADA, morn xmsn expected; i.e. 1030-1130 UTC in Oct, then 1130-1230 (gh)

R Japan S86 EG: Regional svcs: 02-03 NAM 15195 15420 17825, 04-05 on 9505. Oceania 09-10 11875 15235. As 1215-1245 11875 15235. SAs/AF 18-1830 9675. Genl svcs: 01-0130 As 17810 15235 9675 7140 17845. 03-0330 17810 9675 7140 17845. 05-07 As 17810, Am 9675, Oc 15235. 07-08 As 17810, NAM 9675, Oc 15235. Eu/ME 11955 15230=Gabon. 09-10 As 17810 7140, Eu/ME 11955. 11-12 As 11815 7140. 14-1430 As 11815 9696 7140 6080, NAM 5990. 15-16 As 11815, NAM 5990, Eu/ME/AF 21700=Gabon. 17-1730 As 11815, NAM 5990. 19-1930 NAM 9505. 21-2130 As 11815 9675 7140. 23-24 As 11815 15235 9675 7140, Eu/ME 9645=Gabon (via Krist)

K A S H M I R A Z A D AKR on 4790, 1721 in verns, local songs, nx, ID, Koran at 1815* 3/8 & 4/8, best SINFO 35433 (Roland Schulze, Stuttgart BRD)

K E N Y A VOK 11800 continues noted, w/increased strength; in Hindi w/Indian film mx at 03-0310, then into SH w/talk on "maendaloo" (development). Note that in many countries where there are Indian immigrants, they are early risers, and pgms of Indian mx and langs are the first to be presented during the day; later pgms for indigenous or non-Indian populations are hrd (Richrd Wood, HI, DSWCI)

ITU info shows Koma Rock 250 kW registered as follows for S86: 5980 1330-21, 6075 02-0630, 6090 02-0630, 6190 1330-21, 7120 0630-1330, 7270 0630-1330 (Bob Padula, RA JP DX Time 10/8)

K O R E A N O R T H Some of KCBS's domestic radio stns have shifted SW fqs. I noted first fq ch for KCBS Wonsan, shifting 3030v to 3222v 26/8/85. The second and third mvmnts obs this spring as Pyongson 2765v to 3350v noted 15/4 by Hiroyuki Ishii of Kanto DXers Circle, and Shinuiju 2746v to 3920v 12/5 by Tohru Yamashita; Reason for shift to 3 MHz band unk. As of 9/8 the other regionals are on usual fqs: Hyesan 2300, Sariwon 2671, Chongjin 2696, Hamheung 2776, Kanggye 4273 (Tetsuya Kondo, Japan)

unID stn hrd on 1293 kHz; pgms of drama, mx, song in no // with KCBS and Pyongyang BS, however content indicates stn bcs from NK. First noted on 1269 by a Japanese DXer 9/6/85 (Tohru Yamashita, xlt'd by Tetsuya Kondo, Japan)

R Pyongyang, KCBS ES in EG, 50-min bcs: 00 Am 15160 15140. 04 As 15180 15160 15140. 06 As 15305 15180 15160 13680 13650. 07 ME/AF 15340 13750. 08 As 15180 15160 13680 11830. 11 Am 9977 9750. 12 Am 9715 9600. 13 Eu 11655 9345. 14 As 9750 9555. 15 Eu/ME/AF 9977 9960 9325 7205. 17 Eu/ME/AF same. 20 Eu/ME/AF 9977 9960 9345 6576. 23 Am 13650 11735 (WBI 1/8)

L A O S National Radio of Laos, Vientiane, DS on 6130: 2130-0230, 0330-07, 09-16. Regionals: Houa Phan 23-0130 & 11-1330 in Laotian/Tribal on 4660. Luang Prabang 2230-0130, 04-06, 0930-1330 in Laotian/Tribal/Mong on 7140. Oudomsai 23-02, 04-06, 12-14 Laotian/Tribal, unconfirmed on 4465. Pakse, 23-02, 04-06, 10-1415 in Laotian/Tribal on 6647. Savannakhet in Laotian 2230-01(Sun 0130), 0430-06, 11(Sun 1030)-14(Sun 1430) on 7385. Vieng Xay in Laotian/Tribal 10-1115 on 4285=unconfirmed. Xieng Khouang in Laotian/Tribal 23-0030, 11-1230 on 5660 (WBI 8/8)

L I B E R I A LBS, Monrovia, 3255 regular arnd 2300 w/nx in EG, best SINFO is 34333 (Roland Schulze, Stuttgart, Germany West)

ELWA reported 5/8: A US offl, Mr Ernest Howard, has arrived in Monrovia to take up asgt as supervisor of the Zwedru Regional BCing System, ELRZ, in Grand Gedeh county. ELRZ is one of 3 rural radio stns uder the Liberian Rural Comms Net project, ILCN. Project is jointly sponsored by USAID and the Liberian govt (WBI 15/8) & sister stn is HRII? (gh)

M A L I RTM hrd for first time in a long time 2300-2325 21/8 w/FR & EG Af pops & M ancr in FR; 2318 ID, on 4784, some CW QRM (Charles Weiss, So Euclid OH)

M É X I C O R Universidad Nacional, 9602.1, hrd w/SP talk & cl mx 1930-2200+, fair sig 5/8 & other days; the only Mex which is often hrd here all day, 13-23; using 1 kW GE xmtr & N/S dipole, which must be vy efficient to reach Canada during daytime (Ernie Behr, Kenora Ont, 9/8)

XERMX, R México [Internacional!] ancs as the intl stn of the Mexican Radio Institute; sked all in SP daily 13-17 on 11770 and ancd 5985; 20-05 15430 9705 & ancd 17765 (WBI 8/8)

M O N A C O / M O R O C C O [Cf Aug FRENDX-49] There is no hard and fast rule

in LN about whether country headings will reflect country of studio origin or relay transmission; I don't know if there is in LR either, where it would make more sense to go by transmitter site only, since they are dealing with one frequency at a time whose origin can be pinpointed. But I'm still baffled by the LR-C editor's remark at the head of the last issue about 'an increasingly common error--Radio Monte Carlo nests in Monaco not Morocco'. Well, yes as far as nesting goes, I suppose Monaco is the place, but the editor seems to be unaware of the fact that the SW xmsns on 9795, 13695, 15465 are coming from Morocco, and this has been covered in LN as far back as May. People are not simply confusing the two countries because they sound similar! (gh)

Monitoring research 22-23/7: Sked for R Monte Carlo (Middle East) commercial AR & FR svc follows; but monitoring obs show xmsn on 15465 0740+ cease for apx 10 mins at :40, while xmsns are switched to 13695 to conduct tests consisting of RMC jingle and mx. The SW xmsns come from a xmtr in Nador, Morocco. Studios are in Paris, with a 600-kW MW xmtr at Cap Greco in Cyprus. *05 on 9795 1233, 0700 change to 15465 1233, 1605 change to 1233 only, to 2030* (WBI 25/7) Monitoring research 1-2/8: RMC AR svc has now replaced 15465 by 13695 for xmsns betw 0650 & 1500 apx; but 9795 still used before 0650 (WBI 8/8)

RMC via Nador on 13695 at 1223 7/8 w/EG & FR pops; hrd daily since (Christos Rigas, Chicago IL, undated) Fq=only QSL letter rec'd in 38 days for 9795 from P Caselta, Managing Director (Richard A D'Angelo, Wyomissing PA)

[Cf Aug LN-22] Report of R Médi Intl on 15350 at 1700 in FR seems rather strange even tho verie was rcvd; reporter did not mention R Luxembourg, which is a regular on this fq 14-21 in FR & sounds similar to Médi Intl (Ernie Behr, Kenora Ont) Zaire once used this fq too; great care in IDing is necessary (gh)

More about R Méditerranée Internationale (Médi un); per info sheet 06-24 bilingual pgms in AR/FR on: Nador centre LW 173 two x 1000 kW coupled, 3 towers of 380m. RTM centre Sebba Aïoun MW 612 300 kW; RTM centre Tangier MW 1233 200 kW. Nador centre: SW test xmsns on 9575, 2 x 250 kW into curtain ants. Studio & verification addr: 3, rue Emsallah, Tangier. Commercial svc addr in Casablanca & in Paris (Henk van der Laan, Neth, Aug DSWCI SW News)

NEW ZEALAND R New Zealand Intl; during summer time Oct-Mar all pgms will be hrd one hour earlier than shown. Most pgms are relayed from the domestic ZYA radio stn in Wellington. 2345-0145 (Sat 0330) 15150 11780, 0345-0730 11780 9620, 1030-1215 9620 6100, 1830-2115 15150 11780. Non EG portions are: M-F 0505-0510 Maori, Sun 0530-0542 Maori. M-F 07-0730 Maori, Samoan, Tokalaun, Tongan, Cook Island langs. Sun-Thu 1838-1850 Maori (WBI 22/8)

RNZ, 11780 on 16/8 at 0405 w/pgm of bluegrass mx. Better signal than usual but back to weak sig next night and subsequent nights (Charles Weiss, OH)

For those who follow pirate radio here, a Mr Graham John Barclay was fined a total of \$500 for using a home made HF xmtr and maintaining a Pye Cambridge VHF FM xmtr in Hastings. Radio inspectors had previously seized the xmtrs, stereo, tapes and correspondence, but all save the xmtrs were returned. The continuing saga of Kiwi Radio (Andy, June NZ DX Times)

NIGER Rdif & TV de Niger, Niamey, 5020 0515 16/8 in FR, Musique Nationale; ID was "La Voix du Sahel, Rdif et TV de Niger", 43433; the s/on time perhaps has changed; this day start earlier!!! (Roland Schulze, Stuttgart, W Germany)

PARAGUAY R Nacional on 9735 at 2317-0100+ w/futbol match, sports show using Star Wars theme, fq IDs, SIO 333 but only 22/7 by 0100 as DW became stronger, 3/8 (Richard A D'Angelo, PA) Futbol (foo-chee-BOL) is Brazilian; in Spanish it's fútbol (FOOT-bohl with a 'pure' OO unlike in EG) (gh)

Radio F. A. (Fuerzas Armadas) planned on 6150; not yet active (Stefan Bursell, SWB, via Aug DSWCI SW News)

Monitoring research 16-30/7: Sporadic jamming of R Nanduti was obs on 17/7 & 18/7, mainly when stn ancrs attempted to discuss opposition activities or to interview opposition leaders. However, jamming ceased on the aftn of 18/7 and none has been obs since. 22/7, stn went off air for 2 hours to make some 'technical adjustments' (WBI 8/8)

PERU R Selva, Iquitos, on new 5063.3, 0230-0345 ID, LAm mx, ads for lotería San Juan, 27/7 ex-4825 as LV de la Selva (Roland Schulze, Stuttgart, FRA)

R Andina on 4996 at 0210 25/7 w/long talk pgm, numerous IDs, vocals, SIO 353 (Richard A D'Angelo, Wyomissing PA) [WRTH list Iquitos 5060 R Amazonas, same? gh]

R Tarma, 4775, at 10-14 & 20-05 w/ 1 kW, call OCX4E; xmtr site Hualhuas. Ayaviri, 5035, apart from WRTH addr also has: Jorge Chávez 350 = oficinas; Jorge Chávez 348 = studios. Lists 1 kW, 1030-01; slogan "Radio Ayaviri La Voz de Melgar" plans installation of MW xmtr before July 1986.

R Tacna, 9505 is only fq mentd in answer from this stn. Power as 0.2 kW, call OAX6H. Began bcng on 28/8/40; F.Pl. 3.5 kW on MW ex-0.8 kW on 1470. Sked 09-0530; offices/studios at Aniceto Ibarra 436, Tacna (stns to WRTH via August SWCI SWN) No ment of 9486 (alt to 9505) nor 6564.5 (Finn Krone, DSWCI ed.)

AFP reported from Lima 4/8: in Puno, SE Andes, terrorists have blown up the 100m high antenna belonging to the Catholic R Onda Azul, AFP reported 6/8: Police in Lima reported 4/8 that last night Tápac Amarú Revolutionary Movement (MRTA) commandos simultaneously took over two radio stns in Cusco, 1,155 Mm SE of Lima. The insurgent groups, armed w/revolvers, broke into the Súper Radio and R Mundo bcng stns, and after overpowering the personnel, proceeded to bc taped msgs containing subversive proclamations for 15 mins. MRTA attempted to break into R Mundo 4/8, but its plans were frustrated by sudden appearance of police. This series of radio stn raids started 2/8 when MRTA commandos took over the internal radio stn of a market located in the Huanchaco district and proceeded to bc proclams regarding the armed struggle (WBI 15/8)

PHILIPPINES R Veritas Asia, non-govt'l and operated by Catholic Church in the Philippines, Quezon City, complete sked, to As: 00-0030 Sinhalese 11730, 00-0025 Japanese 15275, 0030-0055 Bengali 15275, 0030-01 Tamil 15255 11730. 01-0125 Burmese 15275 15195, 0130-02 Telugu 15275 15255, 02-0230 15255 in EG, 0230-03 Viet 15280 15195; 1030-1125 Std CH 11770 9605, 1130-12 Karen on 9695, 1130-1155 Indo 15105 9605, 12-1225 Japanese 9560, 12-1225 Viet 15105 and 9695. 1230-1255 Korean 11830 9550, 13-1330 Std CH 15215 9700, 13-1330 Burmese 9595, 1330-1355 Kachin 9595, 1330-14 Telugu 15215 9700, 14-1425 Tamil 15215 9700 9595, 1430-1455 Viet 15215 9595, 1430-15 Sinhalese 9700, 15-1530 EG 9540, 1530-16 Bengali 9540; 22-2225 Korean 9750 9585, 2230-2325 Std CH 11725 9740, 23-2330 Std CH 15280, 2330-2355 Indo 11725, 2330-2355 Viet 15280 9740 (WBI 8/8)

Philippine Daily Inquirer reported 3/8: R Veritas, enfeebled by destruction of main xmtr and of its Malolos xmsn eqp by Marcos partisans during the Feb rev, will be hrd full strength again beginning Sept. Bishop Teodoro J Buhain, Exec VP & GM of stn, ancd that RV has purchased two 50 kW xmtrs to replace xmtr destroyed by a loyalist wrecking crew during Feb rev. These are a Harris xmtr costing 6 megapesos, which is due by end of Aug and expected to be opl by Sept, and a Telefunken, also 50 kW, bought for 564.44 kilopesos, which'll be used as standby. Bishop Buhain thanked public for donations of 18 megapesos as of 24/7 for rehab of destroyed RV xmtrs. Since RV's 50 kW xmtr and the Malolos master control eqp, as well as the microwave link, were destroyed by a destruct team composed of officers of the Marcos regime, RV has been bcng on a 10 kW xmtr donated by the Knights of Columbus. Bishop Buhain ancd that arrangements are being made to replace the microwave link and the Malolos master control eqp which'll cost 15 and 1.6 megapesos resp. The RV mgr also disclosed that construction of the Palauig installation which'll have two powerful 250 kW xmtrs for SWBC is underway. The first 250 kW SW xmtr was donated by Josef Cardinal Hoeffner of the Archdiocese of Cologne, W Germany, in 1983 but was allowed by the Marcos govt to enter the country only a week before the Feb elections and never installed. On 22/7, Bishop Buhain disclosed, W German amb Dr Klaus Zeller called on Jaime Cardinal Sin to inform him of a donation by the German govt of 6 megaDM, equivalent to 55 megapesos, for rehab of RV xmtrs. This 55 megapesos will come in the form of a second 250 kW xmtr, four curtain antennas, and an antenna matrix. This eqp, sked to be rxd here by end of 1987, will be used for SW opns, Bishop Buhain said. Meanwhile, per him, all 3 xmtrs for RV overseas bcs have been temporarily repaired and are now in opn thru the help of VOA and the Mountain Province BCING Corp which loaned the parts (WBI 15/8)

AFP reported 14/8 from Manila: Church-owned RV will receive a Ramón Magsaysay award for helping topple Pres Marcos in Feb, the award foundation says. Stn served as main comm netw for rebel troops and hundreds of thousands of civilians whose four-day peaceful revolt ended 20 yrs of Marcos rule and brought Pres Corazón Aquino to power. Marcos troops wrecked the RV xmtr at the height of the revolt but the rebels secretly shifted opns to another stn, using the nomie-guerre R Bandido. The 1986 Magsaysay award for journalism, literature and

creative communication arts goes to the stn 'for its crucial role in using truth to depose an oppressive and corrupt regime and restore Filipino faith in elective govt', a foundation statement said. Before the revolt, RV bc mx of widespread fraud in the 7th Feb Marcos-Aquino election contest. Following the revolt the election results were reversed and Mrs Aquino proclaimed as winner. The Magsaysay award is named after a popular Philippine president killed in a 1957 plane crash. Given in several categories, it carries a 20 kilodollar cash prize (WBI 22/8)

FEBC to NZ in EG 0830-0930 on 11885 ex-11850; also on 15350 but this channel now blocked by Moscow (Arthur Cushen, June NZ DX Times)

S A U D I A R A B I A KUNA mx agcy, Kuwait, reported 21/7: It was reported in Riyad today that as of 22/7, Saudi radio'll begin being the Voice of the [Gulf] Cooperation Council [GCC], thus proclaiming a new stage in the life of the V of the Coop Council bcs. Per GCC secretariat, the Jiddah V of the Coop Council [Sawt Majlis al-Ta'awun min Jiddah] will be bc daily 08-09 until 30/9. The Jiddah VOCC will be bc on a Second Pgm SW fq on 31m, 9570 kHz, and on 51mb 5875. Bc'll begin at 0800 w/recitation of Koran, then pgm pvw. Pgmms will include various items about the Gulf countries and the GCC itself and'll be interspersed w/light features and songs from the Gulf region. A bulletin of Gulf mx'll be carried at 0830. Other features: info msg from a GCC state, competitions, daily Gulf serials and reviews of the Gulf press. Qatar had stopped being the Doha VOCC on 30/6, having carried the bc for 3 months. The Voice of the Cooperation Council was first bc from Kuwait in Nov 1984 (WBI 25/7)

S E Y C H E L L E S I have a report that FEBA was testing in June towards the UK on Sats only at 08-09 on one of: 15095 15240 15395 15430, and at 19-20 on one of: 11695 11765 11805 11945 11965. Fqs reported hrd were 15430 and 11805. Did anyone else hear them? (Noel R Green, UKOGBANI, Aug DSWCI SWN) Very interesting; what was the source of the report? Only 15430 is a FEBA fq in the S86 sked, complete: (gh)

6130 1827-1845(Sat/Sun 1900) 220 B 100. 7275 0127-0231 040 B 100. 9510 1731-1833 280 B 100. 9590 1515-1611 040 N 100. 9610 0311-0358 280 B 25, 0358-0430 340 B/280 B 25, 0430-0502=Sat/Sun 220 B 100. 9620 1731-1803 328 N 100. 9645(9510 from 5/10) 1658-1715(Wed-Sun 1730) 340 B 100. 9660 1627-1730 220 B 100. 9725 (9510 from 5/10) 1612-1658 280 B 100. 9730 (9670 from 5/10) 0200-0248 028 N 100. 11720 1731-1833 328 N 25. 11735 1227-1400 040 B 100. 11755 0342-0430(Sun 0445, Fri 0500) 340 B 100. 11790 0200-0232 028 N 25, 0232-0248 Sun-Wed 028 N 25, 0248-0306 (Thu-Sat 0311) 028 N 100, 0358-0430 280 B/ 340 B 100. 11810 0311-0358 280 B 100, 1612-1658 280 B 100. 11820 1513-1600(Fri-Sun) 280 B 25. 11865 0257-0330(Thu/Fri 0340) 352 N 100. 1252-1400 040 B 100, 1400-1458 040 N 100, 1458-1513 028 N 100. 11895 1658-1715(Wed-Sun 1730) 280 B 25. 11900(ti11 1/10) 0912-1001(Sat 1016) 220 B 25. 15120 Sun 0712-0905 040 B 100. 15325 1227-1300 040 B 25, 1300-1400 052 N 25, 1400-1611 040 N 100. 15405 at 1057-1145(Sun/Thu/Fri 1200) 340 B 100. 15415 1233(Sat1218)-1251 040 N 100. 15430 0912-1001(Sat 1016) 220 B 100. 17795 Sun 0712-0905 040 B 100. 17875 1057-1145(Sun/Thu/Fri 1200) 340 B 100. After the time is the azimuth, broad or narrow beam, and kW power. EG is Sun 0712-0905 on 15120 17795; daily 1458-1611 to SAs 15325; Fri-Sun 1513-1600 EAf 11820; daily 1515-1611 SAs 9590 (FEBA)

S O U T H A F R I C A [Well, we started covering the FM fq shifts here, so must follow up -gh] SAPA mx agcy reported 14/7 from Mmabatho: R Bophuthatswana changes six of its FM fqs this month; 15/7, Ga-Rankuwa moves to 103.9; Klipvoordam to 102.4, Madikwe to 103.3, Motswedi to 107.1. Next change 18/7 Itsoeng to 101.8; Mmabatho 23/7 to new 88.7. Remaining six FM stns'll change fqs later in the year; Radio Bop can also be hrd thruout the PWV [Pretoria-Witwatersrand-Vereeniging] area during the day, and all of Southern Africa at night, on MW 1098 (WBI 25/7)

R South Africa reported 1/8: SABC has ancd its FM fqs are to change because of ITU decision; Af and some Eu countries instructed by Union to change fqs to comply w/intl stds. In SAF, these'll be implemented regionally over a period of time and first ones already. Spacing'll be 100 kHz instead of 86. Also taking opportunity to group fqs of all radio pgmms into blox: all R South Africa fqs in one block betw 100.7 and 103.7; Afrikaans svc R Suid Afrika 104.3-107.3. Community svcs R Highveld, R Good Hope, R Port Natal, R Algoa, R Jacaranda, R Oranje also in separate blox. From 4/8 charts w/new fq blocks'll be distributed thruout SAF at Total Oil stns (WBI 8/8)

S P A I N RNE-1 Madrid reported 16/7: Televisión Española and it'll not be participating in the OTI [Organisation of Ibero-American TV] mx festival which this year is being held in Chile. Gesture is aimed at expressing rejection of the dictatorship of Gen Pinochet (WBI 25/7) OTI shows keep appearing on local & SIN TV outlets, NEVER explaining what the acronym means--at last!! (gh)

S U R I N A M E Monitoring research 4-14/8: R Surinam Intl on 17755 has changed from M/W/F to Mon thru Fri as from 4/8; also time change to 1700-1745; in DT, EG, Sranan Tongo via Brasília. EG mx at 1730-1740. Svc was inaugurated 2/9/84; uses RadioBrás facilities; addr is: Stichting Radio Suriname Internationaal, Onafhankelijkheidshotel, Kleine Waterstraat 8, Paramaribo (or P O Box 2979) (WBI 22/8)

T A H I T I Charles Weiss forwards a sked from R Tahiti, still showing the old FR3 logo, and EG at 9 am Mon-Sat (1900 UTC), both of which ended several years ago, as far as I know. If R Tahiti is still sending this out, beware! (gh)

T A I W A N Excerpts from VOFC sked; some unspecified fqs are via WYFR. EG: to As as Voice of Asia 02-03 7285; own pgm 02-03 As/Au/Am 11825 11745 11740 9765 9685 9680 5985. 03-04 As/Au/Am 11825 11745 9765 9685 5985. 06-07 VoAs 7285. 07-08 Am 5985. 1030-1040 VoAs 5980 612. 11-12 VoAs 7445 5980 612. 1530-1630 VoAs 7445 5980 612. 21-22 Eu/ME/Au 17845 15440 15370 9955. 22-23 Eu/ME/Au 17845 15440 15370 9955.

Spanish: 23-24 Eu/ME/Am 17845 15130 11860 9955 9765 9510. 02-03 Am 17805 15215. 04-05 Am 11740.

Chinese, some fqs of which are to Am: 00-01 Amoy 5985. 00-01 Std 17845 15130. 01-02 Cantonese 5985. 01-02 Std 17805 15215. 03-04 Cant 11740. 04-05 Std 17720 15370 15345 15270 11915 11860 11825 11745 9765 9685 9680 9575 7130 5985 5980. 05-06 Cant on all the same. 06-07 Cant 11825 11745 9765 9685 5985. 08-09 Amoy 5985.

Also, Am as well as As is a target of the Vietnamese bc at 07-08 on 15345 11825 9685 9575 7130 5980. (WBI 1/8) Since V of Vietnam itself does not have NAM as a target, this is believed to be the only Viet bc beamed to Am (gh)

U G A N D A R Uganda, Kampala on new 4976 // 5026v, first hrd 28/7 1908 f/in EG nx, 1919 vern pgm; best at 2009, SINFO 33333; also following days; now regular on 4976 arnd 1900 f/in, best SINFO 35333; in Vern & EG w/EG mx & reports (Roland Schulze, Stuttgart, FRA, 10/8)

Contrary to recent reports of R Uganda being difficult to hear, recently well rcvd on new fq 4975 in Au; religious & educ pgms in EG 19-20, // 5027 (Robert Shepherd, RA JP DX Time 17/8)

U S S R Per letter from Elena Rogova of RMWS letters dept, RMWS xmts via Kursk on 15330 14-17, via Michurinsk on 9775 03-06, 16-17, 18-19, 20-21. She also adds: "Practically all xmtrs of RM are located in the USSR. We have a few in GDR and Cuba" (Christos Rigas, Chicago IL)

New S86 sked of R Kiev in EG: 18-1830 7160 7175 7330 9710; 2330-24 7205 9685 11790 13605 15180; 02-0230 7165 7175 7205 11790 13605 15180 (Mick Ogrizek, RA JP DX Time 10/8)

R Yerevan in Armenian & EG to NAM 0230-0300 13605 11875 11790. AM & FR to Eu 07-08 Sun 15510 15280 15260, daily 2030-21 11760 11705; AM & SP to LAm 22-23 unconfirmed. The ME svc daily 12-20 is on 6120 4990 864, in Azeri, Kurdish, music, Armenian, Arabic, Turkish, Persian (WBI 25/7)

I'd like to see BBCMS skeds for R Moscow in JP, KR and Filipino langs; the fqs for these don't change much from season to season (Dale Park, Honolulu HI)

OK, Japanese: 0930-10 15350 12030 11960 11915 9895 9540 7492.75=LSB 7245 6050 6020 1251 720. 10-11 on 15350 12030 11960 9895 9540 7492.75=LSB 7245 6050 6020 1251 720. 11-12 on 15350 12030 11960 11915 9895 9540 7492.75[not specified as LSB] 7245 6050 6020 1251 720. 12-13 11830 11730 9565 7245 7175 1251 720. 14-15 11730 9795 9565 7245 7175. 22-2230 11730 9565 9520 1251 726[etc].

Korean: 09-0930 15385 15350 15315 12040 11970 4825 1476. 0930-10 15385 15315 12040 11970 4825 1476. 10-1030 15385 15315 12040 11970 4825 1476. 11-12 15315 13710=LSB 12040 9565 4825 1476. 13-14 12040 11730 9565. No Filipino langs, not even Tagalog (WBI 6/6)

U S A WRNO noted 29/5 only at 0058 on 14710, 2 x 7355, certainly a harmonic as

fund was having some trouble from Soviet cochannel, but harmonic tho weak was in the clear. Guess who thought they were hearing an American pirate (Ken Baird, Scotland, Aug DSWCI SWN)

WRNO S86: 15-17 11965, 17-21 15420, 21-2230 11705, 2230-24 9650, 00-03 7355, 03-06 6185; Sun also 06-08 6185, 08-12 6185, 12-14 9715, 14-15 11965. Also, 15420 may be extended to 22 if necessary, and 7355 may come on as early as 23 if necessary (George Jacobs, Silver Spring MD)

That means one airing of WORLD OF RADIO changes frequency from 9852.5 to 9650 Sats at 2330, from 13/9. The 'correct' sked of W.O.R. in Aug LN turned out not to be as on 1/8 KCBI made a time change without any prior notice, Fri at 1930 instead of 20, on 11735; also from S86, the Sunday repeat at 1730 may be on 11790, per tentative FCC plans (gh)

KCBI is extending its sked to nighttime opn and according to International R an agmt has been signed w/HCJB which'll result in KCBI carrying six hours of SP pgming daily to Mex and in return HCJB'll provide tech facilities to construct new SW aerial at KCBI. HCJB has also taken delivery of another 100 kW xmtr and construxion of another 500 kW unit is under way (Arthur Cushen, NZDXT)

KVOH S86: 14-17 11940, 17-22 17775, 22-01 15250, 01-03 11930, 03-05 9852.5, 05-06 9525, 06-08 6005; in all cases, azimuth is 100°, power 50 kW, distance from 300 to 8000 km (George Jacobs, MD) Hopes to start testing the first or 2nd week of Sept, preferably 9/9, anniversary of the Lebanon stn (RNMN 21/8)

WHRI noted the week of 27/7 on 9852.5 at 01-03 ex-9690 in June. (Tom Sundstrom, W2XQ, Vincentown NJ, 2/8) But the S86 sked has them back on 9690 at 01-03, to shift to 9680 from 28/9. The rest: 11-13 5995, 13-15 11790, 15-17 & 17-19 15105, 19-20 15105 in Sept, 20-21 11960 in Sept (19-21 11705 in Oct), 21-23 9770, 23-01 11770, 01-03 as above, 03-04 7355, 04-06 7400, 06-08 6100, 08-11 7355 (George Jacobs, MD)

Any ideas why WYFR had to move to 15445 and interfere w/R Beijing in this last seasonal shift? With RFI cancelling the 0200 & 0500 relay, Beijing is again tough to hear around here. The 1100 xmsn on 9535 is best now but not wonderful; WYFR has got to be getting creamed in its SP-lang target area on the west coast or CAM, wherever it's beamed to (Tom Sundstrom, W2XQ, Vincentown NJ, 2/8) I certainly have, and it's pretty obvious: WYFR is allied with RB rival VOFC in a relay/swap agreement, so if they can help to block RB in NAM, I'm sure they'd be glad to; shortly after this happened, RB started using 9955 from China at the same time WYFR was using it from Taiwan... (gh)

RNMN reported 7/8: Another SW voice from America, the Christian Science BCING Network [CSBN] is preparing to go on the air w/nx & current affairs in arnd 4 months. Space in the CSM building in Boston is being converted into studios and offices. Project manager Annetta Robinson in an iv says the plan is to go on the air in Jan 87. Xmtr portion of the bldg project is to be completed near to its sked of early Sept. Xmtr'll be shipped on sked from Baden, Switzerland [location of Brown Boveri xmtr mfg co]. Maine chosen for xmtr site as it's nearest location to Eu/Af target; plan is to op 18 hpd w/EG pgms at first and add more hours and langs later. One 4x4 curtain array ant, two 363-foot towers and one 212-ft tower'll be used. Towers already stand and first curtain array'll be hoisted 'this coming week'. There've been several meetings w/local people on environmental issues. Xmtr site is at Olamon ME, N of Bangor, w/in 100 mi of the coast. CSBN'll also build xmtr in either FL or TX w/target SAM. Ant prop studies've been made which showed FL to be better than an [unspecified] site in TX. Completion of that project is about 2½ yrs away. CSBN is also in the process of buying a stn [KYOI] in Saipan to cover Asia and the Pac Rim. Net'll be financed primarily by mother church, tho nx & current affairs 'll be strictly separated from material w/a religious content. "Pgm origination" will occur in Boston and pgming will be xmtd via satellite to the 3 xmtr sites (WBI 15/8)

Tho it certainly won't be on during S86, fqs nevertheless have been coordinated for this period; no callsign is mentioned for this CP in Scotts Corners ME. () = fq imaginarily replacing first one from 28/9: 14-18 17775 (21570), 18-20 17835 (17775), 20-22 9670, 22-24 7365, 00-02 7365, 02-04 9745, 04-05 9745, 05-06 9635, 06-07 7365, 07-08 6195(6170). Distances range from 6.7 to 14 Mm. Pow 500 kW. Azimuths: 45° on 6195/6170 7365 at 06. 60° on 7365 at 00, 9635, 9670, 90° on 7365 at 22, 9745 at 02, 17775 at 14, 21570 at 14. 105° on 9745 at 04, 17775/17835 at 18 (via George Jacobs, MD)

VOA, 18090 in EG 2000-2030 18/7, 43333 (Hans Krohn, D, DSWCI SWN Aug) Seems SSB feeder to relay stn (Anker Petersen, DK, DSWCI ed.) [Cf Aug LN-27] my repo-

rt on VOA 11805 at 0300 in Farsi--I meant to say that 1986 WRTH lists no VOA pgms in Persian at all; tho 1982 issue shows 0230-0430 (Ernie Behr, Kenora Ont)

[Cf Aug LN] VOA's new Spanish DX pgm is "W3-Contacto Directo", with Ruben del Castillo, UTC Mons 0030; joins: VOA PT DX pgm "Onda Corta" [sic] (VOA WW SW Spectrum 27/8) see also ISRAEL

V A T I C A N VR Pgm I when in EG: 05-0520 9645 6185 1530 526. Mon-Sat 06-07 Multilingual "4 voices" 11740 9645 6250 1530 526; same 1030-11. 1345-14 11740 9645 7250 6250 1530 526. Mon-Sat 15-1530 4 Voices 11740 9645 7250 6250 1530 526. 19-1910 Mon-Sat 4 Voices 15120 11700 9645 9625 7250 6250 6190 1530 526. 1950-2010 9645 7250 6190 1530 526, [above 1 hour later from 28/9 -gh]

2nd Pgmme in EG: none. Overseas svc in EG: 0050-0115[sic] Am 11845 9605 6015. 0310-0330 expl Am 6150. 0500-0515 Af 15190 11725. 0615-0630 exc Sun Af 17730 15190. 0715-0730 exc Sun Af 15190 11725. 1115-1130 daily Af 21485 17840. 12-1215 Af 21485 17840. 12-1230 exc Sun As/Au 17865 15190. 1448-1454 [.] As 17865 15115 11775 9610 [following 6 min ea from 1430 of Hindi, Tamil, Malayalam]. 1545-16 Af 17730 15120 11810. 2045-21 Af 15120 11760 11700 9625. 2205-2230 As/Au 11830 9615 6015. (WBI 25/7)

V E N E Z U E L A R Turismo, Av Bolívar con Calle 15, Edificio Grasso, Valera, or Casilla de Correos No. 12; xmtr QTH is 09-19 N, 70-37 W; 1 kW on 6180, call YVWH; Slogan "R Turismo, la mayor de potencia"; they'll soon increase output on 6180; sked 09-04.

R Sucesos, 9700, Carrera 4, No. 1-35, Táriba, San Cristóbal, Estado Táchira--claims to be here w/1 kW and YVTH call from location Lomas de Santa Martha; slogan "La Primerísima" sked 0950-04 (stns to WRTH via Aug DSWCI SWN) Is this really on the air, or? (Finn Krone, DSWCI ed, & gh)

R Mundial Bolívar, 4770, 1/8 0053 w/"Mundial Bolívar" ID, adstring, TCs, light conversation by 2 M, SIO 242 (Richard A D'Angelo, Wyomissing PA)

V I E T N A M Caught end of FR bc from VOV at 1325 on 15010; EG at 1330 w/nx: & mbg pgm. Addr and s/off anmts at 1357; SINPO 34232 (Charles Weiss, OH)

Y U G O S L A V I A R Yugoslavia, Belgrade, ES in EG: 1430-15 Eu/ME/As/Au 15 240 7240. 1730-18 Eu/ME/Af 11735 7240 6100. 19-1930 Eu/ME 9620 7240 6100. 2115-2130 Eu/ME 9620 7240 6100 1269.

Multilingual relays of DS for Yugoslavs working abroad: Sat & Sun 06-10 on 11735 9620 7240, includes: Sun 06-07 Sarajevo in Serbo-Croat, 07-08 Pristina in Albanian, 08-09 Skopje in Macedonian, 09-10 Zagreb in SC; Sat 06-07 Novi Sad in Hungarian, 07-08 Titograd in SC, 08-09 Ljubljana in Slovene, 09-10 Belgrade in SC. Also daily 20-2030 on 9620 7240 6100: Sun Belgrade in SC, Mon Ljubljana in Slovene & ENGLISH, Tue Zagreb in SC, Wed Sarajevo in SC, Thu Pristina in Albanian, 2015 Novi Sad in Hungarian, Fri Titograd in SC, Sat Skopje in Macedonian. Also: daily 2145-22 R Capodistria in IT 9620 7240 6100. And Thu 22-2230 pgm for seamen in SC, 9620 7240 6100, an edited version of a R Zagreb xmsn comprising material from various Croatian radios. The only xmsns for Am are still Spanish 23-2330 11735 9620 7240, 00-0030 on same, also for Eu/ME (WBI 25/7) all presumably one hour later from 28/9 (gh)

Z I M B A B W E Rarely reported these days on 3306, the ZBC stn at Harare has been obs w/pop mx pgm 1830, anmts in EG & Shona; same also regular on 5975 to 1545*; 3306 later blocked by PNG *1900 (Robert Shepherd, Brisbane, RA JP 17/8)

CLANDESTINE CRANNY

R Truth now has US addr also: Stanley Hatfield, P O Box 815, Thayer Ave, Silver Spring [sic] MD 20910. P O Box hard to read--could be 615 but I think it's 815. Personal letter and info on org supporting R Truth from J Brown, P O Box 4, Stockbridge Hants S.020 6LB, England (Marlin Field, Hillsdale MI) Roger Tidy read earlier report of this in DXLD, and by phone found out the MD addr is bogus, or at least incorrect--4-digit PO Boxes there and no Hatfield. But--has anybody succeeded in reaching the stn by writing to Silver Spring? (gh)

R Truth on 5015, 0410 8/10 in verns, Shona & Ndebele w/talks by W, Af folk mx, 0430 IS from Birth call!!! SINFO 24332, slow fadeout (Roland Schulze, Stuttgart, GFR) Like a neonate ululating, or did I misread your handwriting? (gh) Also hrd 10/8 0410-0430 w/IS from bird [? oh] in Shona & Ndebele; s/on time on 17/8 was 0401 w/IS birdcall, drum intervals, ID, again drums w/Af folk mx in Shona & Ndebele, SINFO 25332 (Schulze) No fq this time, presumed same

Voice of the Resistance of the Black Cockerel (Portuguese: A Voz da Resistência do Galo Negro) bcs on behalf of UNITA mmmt led by Jonas Savimbi; stn on 4973--4950 originally--first hrd 4/1/79 and believed to have bc from S Africa. Test xmsns on other channels began in July 1986 and the SAPA nx agcy claimed they emanated from xmtrs 'in or near Jamba' in Angola. The test xmsns sked: daily 07-09 & 13-14 on 9450 5850, 14-15 on 5850, 17-19 on 7315 4935. In PT but items also in Umbundo and Kwanyama. The original svc from SAF on 4973: Sun/Tue/Thu/Sat 1630-1840[sic], repeated next day 0330-0530, in PT but items also in local langs (WBI 25/7)

V of the Pilgrims Monitoring 15/8: Stn in AR calling itself this [Sawt al-Hajij] hrd 1348 15/8 on 9860 w/militant relig talk urging Muslims to unite and uphold Isl principles. "Our determination is stronger than new and old weapons, stronger than NATO and Warsaw Pact weapons, and stronger than the Arab weapons which were humiliated by the weapons of the Jews". Speaker urged Lebanese Muslims to unite and be a good example for all Lebanese; "We ask God to assist the Mujahidin in Palestine, Lebanon, Iran and Afghanistan and in all Isl regions and to grant them decisive victory." At 1414, relig chants [sic] similar to those of Muslim pilgrims during the pilg season in Mecca [Sept? or precessed to Aug? gh] Then IDed, same relig chants; talk quoting Iranian nx agcy report on a demo by Muslim pilgrims in Mecca 11/8; "The demo began at the Imam Khomeyni Mission HQ in Mecca. The demonstrators chanted slogans against the West, the East and the Zionist entity." Reception gradually deteriorated and at 1434 lost to severe and apparently intentional interference (WBI 22/8)

R Iran / Free V of Iran Monitoring 14/8: These two Persian-lang stns hostile to Khomeyni and the govt of Iran, currently hrd 1330-1430 & 15-16 respectively on 9745 and 9525; R Iran also on 7170. Both bc from xmtrs in Iraq and in fact both 9745 and 9525 switch to Iraqi radio's V of the Masses svc after FVOI (WBI 22/8)

R Echo of Hope In June IN location of this xmtr site was described to be Kimp'o, however this is not in "Kyonggi Province," as commented by Bill Harms but correctly in Kangsŏ-gu (ward), City of Seoul. Xmtr site was almost IDed within narrow limits in Kimp'o when traveling to S Korea. Info picked up there said studio seems to be located not in NSP (former Korean CIA) but also in the xmtr site. ID: "Yŏginŭn Hŭimang-e Meari Pangsong-immida" (Tohru Yamashita, xlt'd by Tetsuya Kondo)

R Farabundo Martí Monitoring research 15/6 to 28/7: Claiming to bc from Chalatenango province in El Salvador, obs again 28/7 w/bc at 2300 on 6735; had not been hrd since 15/6; but stn anmts indicate RFM now bcs at 1830 & 2300 only; xmsns at 01 & 1230 no longer ancd or obs (WBI 8/8)

IN MY OPINION (Jeff Fallon, on KCBI Radio Connection July 25, 27, 31) "When Radio Connection introduced Phil Reefer and the Capital DX Report, the quality of that program was so good that it challenged many of the established DX programs, so much so that they set out to find Phil's mistakes, and if he didn't make any they would invent some and print them in their papers and broadcast them on their pgms, and we've heard and read those cynical remarks all too often. The sad thing is that some people are so obsessed with what is a hobby for most, they've set themselves up as authorities, and because of their tenure in those self-appointed positions, many people believe that everything they say & write is true and accurate. Well, it is not, and the sooner every SWL & DXer begins to think for themselves and to check out everything for him- or herself, the sooner they will begin to see the difference between the truth and the lies, the accuracies and the inaccuracies. That's what Radio Connection encourages, we encourage you to get involved, become a part of this program, and we appreciate your listening."

(Ernie Behr, Ont, 9/8) The Capital DX Report of 27/7, which followed the above comments, included this incredible logging: Lusaka, Zambia, hrd at 1200 on 3342 kHz (that's 2 pm in Zambia!) I did not 'invent' this item or any of the other mistakes which Jeff Fallon has persistently ignored. His reference to 'established DX pgms' and "people who set themselves up as authorities" is obviously aimed at SWLD & gh, as well as myself. Let's hope that FRENIX readers will indeed 'see the difference between the truth and the lies' and will express their opinions to KCBI. No further comments on this subject from me!

gh: From about 1/8, RC was dropped by KCBI, but may return as a half-hr pgm....

QSL REPORT

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

- ALASKA:** KNLS 11965 f/d cd. in 11 ds. for ms.(Forst).
ANGOLA: Radio Nacional de Angola 11955 f/d cd. via registered mail in 27 mo.
* for a PT/EG rpt. and 2 IRCs. Schedule rcvd.(VanHorn-FL).
ANTIGUA: Deutsche Welle via Caribbean Relay Company(CRC) 9640 cd. in 21 ds.
for 2 IRCs.(Renfrew-NY). BBC via CRC 6175 f/d ltr. w/ prepared cd. in 18
ds. v/s K. Piplak, Assistant Company Manager.(Palmersheim-MN).
ASIATIC RUSSIA: Radio Moscow 9655 via Komsomolek on Amur f/d "Lenin Library"
cd. in 1 mo.(Palmersheim). f/d "Bol-
shoi Theatre" cd. in 7 wks.(Allen-OK)
12030 via Petrovavolsk-Kamchatsky f/d
"Dzerzhinsky Square" cd. in 43 ds.
(Sgrulletta-NY). 15415 via Kenga f/d
"Rowing Canal" cd. in 3 mo.(Palmer-
sheim). 17590 via Vladivostok same cd.
in 3 mo.(Palmersheim). 17860 via Chita
same cd. in 3 mo.(Palmersheim). 17850
via Khabarovsk same cd. in 3 mo.(Pal-
mersheim). 17730,17880 via Irkutsk
f/d cd. in 3 mo.(Palmersheim). 15170
f/d "Lenin Stadium" cd. in 95 ds.
(Forst).
AUSTRALIA: Radio Australia 9710 via Dar-
win "Fishing Boats in Tasmania" cd. in 23 ds.(Laskowski-IN). VLM15 15230
f/d ltr. in 6 wks.(Craighead-KS). VLBT 2325 Tennant Creek f/d ltr. in 49
ds. v/s R.H. Sullivan.(Wilkins-CO). f/d form ltr. in 1 mo. for 1 IRC.
(Palmersheim). VLLBK 2485 Katherine f/d ltr. in 49 ds.(Wilkins).
BELGIUM: BRT 9830 f/d ltr. in 48 ds.(George-NC). 9830/9925 f/d cd. in 60 ds.
(Levison-PA). 9925/15590 f/d "The Fall of Troy" cd. in 78 ds.(Levison).
BOLIVIA: Radio Juan XXIII 4965 f/d prepared cd. w/ form ltr. via registered
* mail in 54 ds. after a second f/up rpt. in SP. v/s Gonzalo Cespedes M.
(Allen). same in 68 ds. after 3 f/up rpts. in SP for 1 IRC. Station
photo rcvd.(Schmitz-FRG). Radio Illimani 6025 n/d ltr. in 4 mo. for a SP
* rpt. v/s Carmado de la Cruz Huanea.(Field-MI).
BOINAIRE: Evangeliums Rundfunk 15335 f/d "Studio" cd. in 1 mo.(Craighead).
BOUGANVILLE ISLAND: Radio North Solomons 3325 f/d personal ltr. in 37 ds.
for 2 IRCs. v/s Sam Sawa, Station
Manager.(Allen). 3322.5 f/d
"Map" cd. in 2 mo. for 2 IRCs.
after 4 f/up rpts.(Palmersheim).



CRC
THE CARIBBEAN RELAY COMPANY LIMITED
PO BOX 1203 ST JOHN'S ANTIGUA WEST INDIES TELEPHONE: ST JOHN'S 20436/20994 TELEX: AW 121
May 27, 1966

Mr. Richard A. D'Angelo
2216 Berkeley Drive
Wynonessing, PA 19610
U.S.A.

Dear Mr. D'Angelo,

Thank you for your letter giving reception details of our NEW World Service Transmission on 6.175 kilohertz from Antigua on May 8th, 1966 between 2259 and 2330 GMT.

I can confirm that this transmission was radiated by the Caribbean Relay Station on Antigua. This station relays the broadcasts of both the BBC and Deutsche Welle for a service area of North, South and Central America and the Caribbean.

Thank you for your interest in our Station, and may I wish you continued success in your short wave listening.

Yours faithfully,
THE CARIBBEAN RELAY COMPANY LIMITED

Sean Mackey
J. J. Newbery
Company Manager

- BRAZIL:** Radio Nacional 11745 f/d
"Sugar Loaf" cd. in 37 ds. v/s
Claudia Carneiro.(Brouillette).
f/d "Hotel Tambau" cd. in 3 mo.
for 1 IRC. Pennant and sticker
rcvd.(Palmersheim). Radio Cult-
ura do Para 5045 f/d "Belem" cd.
in 18 ds. for a PT rpt. Pennant
rcvd. v/s Francisce Cezar Nune-
sda Silva, Director.(VanHorn).
p/d form ltr. in German in 730
ds. for a PT rpt. and 1 IRC.
(Schmitz). Radio Anhanguera 4915
f/d cd. w/ form ltr. in 130 ds.
on my 4th f/up rpt. in PT. ms.
sent.(Wilkins). Radio Nacional
Boa Vista 4875 f/d form ltr. in
24 ds. for a PT rpt. and 1 IRC.
v/s Eudson Monteiro Lima.(Schmitz-
FRG). Radio Clube Riberao Pr-
eto 15415 p/d personal ltr. in
38 ds. for a PT rpt. and 1 IRC.
v/s Salvador Bitonti Capellari.
Sticker rcvd.(Schmitz). Radio
Suriname International 17755 via
Radio Bras f/d cd. w/ sticker in
40 ds.(Stephany-NY).

VERIFICATION SIGNERS: Ondas del Titicaca 4922 Felipe Paquita M., Administrador. Radio Guaruja 5980 Robertson da Silva Cardoso, Program Director. FEBE 11850 Anita Sunder-singh, QSL Secretary. Radio Cultura 3300 Mariella Posadas, Secretary. Radio Botswana 4845 Ted Makgeccene, Chief Engineer. Marconi Radio International 11650 Manila Candelli. Radio Rwanda 3330 Fidele Nkulikiyumukiza, Chief de la Section Documentation et Censure. Radio Sutatenza 5095 Nhora Rodriguez Gimenez, Secretary. Radio Antena Libre 3240 Aldo Salvi. Radio Nepal 5005 R.S. Karki, Chief Engineer.

STATE OF QATAR
 MINISTRY OF INFORMATION
 Qatar Broadcasting Department
 DOHA

via Kirk Allen
 وزارة الاعلام
 ادارة الاذاعة

Your reception report dated 16-2-86
 Frequency 5905 KHz
 Date 16-1-86 Time 20,55 - 21,31 GMT

Thank you for your reception report and we are glad to Conform it.
 Hoping to hear from you in future.

With regards
 Head of Public Relations,
 Reception and Research

JACQUEMONT AL-QATARI

G. S. L.

BULGARIA: Radio Sofia 7115 f/d "Nessebar" cd. in 59 ds. (George). 11720 f/d "Bachkovo Monastery" cd. in 53 ds. (Levison-PA).

BURKINA FASO: Radio National 4815 f/d form ltr. in 161 ds. for a FR rpt. and 2 IRCs. (Stephany).

CANADA: RCI 9755 f/d "DIYS" cd. in 16 ds. (VanHorn). 11945 f/d cd. in 6 ds. (Richards-CT). 15260 f/d cd. in 21 ds. (Wilkins).

CANADA (Pirate): KQRO 7414/

* 7424 small orange cd. w/ sticker in 10 ds. (Aden-ID).
CELEBES: RRI Ambon 4845 p/d personal ltr. in 5 mo. for an IN rpt. v/s Drs. H. Ali Amran. (Allen). f/d large cd. in 106 ds. on my 4th try for an IN rpt. and ms. v/s Drs. H. Ali Amran. (Wilkins). RRI Ternate 3345 p/d form ltr. in 51 ds. for an IN rpt. and ms. v/s Ruddy Bachmid. (Allen). RRI Wung Pandang 4719 f/d cd. in 66 ds. for an IN rpt. and ms. v/s H.A. Nyongki. BA. (Allen-OK).

CHILE: Radio Nacional de Chile 15140 f/d cd. in 20 ds. for a SP rpt. (D'Angelo-PA). Radio Minería 9750 f/d "Antenna" cd. in 666 ds. for a SP rpt. and ms. v/s Carlos Toledo Verdugo, QSL Manager. (Wilkins).

CHINA, PEOPLES REP. OF: BPM 5000 f/d "Logo" cd. in 3 mo. v/s Y.R. Miao. (Orcutt-CA). Radio Beijing 9635 f/d cd. in 1 mo. (Bowden). 9820 f/d cd. in 5 wks. (Bowden-CA). 9550 f/d cd. in 6 wks. (Bowden).

CLANDESTINE: Radio Truth 5015 n/d personal ltr. in 112 ds. for a cassette rpt. and ms. (Sgrull-etta-NY).

COLOMBIA: La Voz de los Centauros 5955 n/d cd. in 1143 ds. (!) for a SP rpt. and ms. v/s Bill Torres L. (Stephany).

Radio Macarena 5975 f/d "Logo" cd. in 54 ds. for a SP rpt. & ms. v/s Enrique Zambrano Nieto, Gerente. Sticker rcvd. (Henschen-IN). Radio Sutatenza 5095 f/d ltr. in 5 mo. for a SP rpt. (Field).

* Radiodifusora Nacional 11793 f/d prepared cd. w/ ltr. and pennant in 28 ds. for a SP rpt. & ms. v/s Jaime Horta Diaz, Director. (Wilkins) Great QSL! Not reported in a long time...Sam.

COOK ISLANDS: Radio Cook Islands f/d "Conch Blower" cd. in 45 ds. (McElvy-VA).

COSTA RICA: Radio Lira * International 15460 f/d cd. w/ ltr. in 2 wks. for a SP rpt. ms. and tape. v/s David L. Gregory, Manager. (Orcutt-CA).

DEPARTEMEN PENERANGAN RI
 DIREKTORAT RADIO
 STASIUN RRI REGIONAL I AMBON

ALAMAT : JALAN FENRAL AHMAD YANI TELP. : 2740. 3262

NO: S.14/II/15/VI/1986.
 Hal: belas surat laporan
 Lamp: --

Kepada Yth:
 KIRK ALLEN
 2237 Jane St.
 Peace City, OK 74601
 U. S. A.

Dengan hormat,
 Terlebih dahulu kami mengucapkan terima kasih atas laporan anda. Memang benar anda telah mendengarkan kami Radio Republik Indonesia Ambon terutamanya pada tanggal 7 Februari 1986. Setelah kami check dengan log-book kami urutan secara RRI Ambon tanggal 7 Februari 1986 itu memang cocok sekali dengan laporan anda. Papat kami kabarkan bahwa gelombang pemancar kami 61,91 gelombang pendek dengan pemancar SW berkuatran 10 Kw. Demikian untuk Sdr. ketahui dan kami menunggu laporan anda berikutnya.

Medela,
 R. R. I
 AMBON
 H. ALI AMRAN
 SIP. 050005408.-

via Wendel Craighead



COSTA RICA: Radio Lira Inter-nacional-ANR 15460 f/d green cd. in 2 mo. 200 watts. (Palmerheim). same in 61 ds. (name?) f/d cd. w/ ltr. in 9 wks. (Craighead). same in 14 ds. (Klein-WI).

CUBA: Radio Rebelde 5025 card w/ decal and pennant for previous QSLed rpt. (Hardester-PA)

CZECHOSLOVAKIA: Radio Praha 11990 f/d cd. in 40 ds. (Levison). 5930 f/d "Vyskov" cd. in 1 mo. (Bowden). 15110 f/d "Banska Bystrica" cd. in 5 wks. (Bowden). OLB5 3170 p/d "Observatory" cd. in 105 ds. for 1 IRC. (Forst).

ECUADOR: GRE 4656 n/d ltr. w/ large blue pennant and Radio Melodia sticker in 539 ds. for a SP rpt. & ms. v/s Rafael Guerrero Valenzuela, Gerente. (Stephany). Emisora Gran Colombia 4910 n/d ltr. in 5 mo. on my 2nd try. (Field). Radio Zaracay 3395 n/d ltr. w/ pennant and sticker in 3 mo. for a SP rpt. (Field-MI).

EUROPEAN RUSSIA: Radio Moscow 13680 via Moscow f/d "Bolshoi Theatre" cd. in 80 ds. (Rigas-IL). 13615 f/d cd. in 80 ds. (Rigas). 11850 via Ryazan f/d "Krylatskoe Rowing Canal" cd. in 80 ds. (Rigas).

FRENCH GUIANA: Radio Beijing 9635/6015 via RFI f/d "Buddha" cd. w/ pennant in 1 mo. (D'Angelo). p/d cd. in 25 ds. (Renfrew). 6015 cd. in 1 mo. (Rigas).

GERMAN DEMOCRATIC REP: Y3S 4525 p/d folder cd. in 103 ds. for 1 IRC. (Forst).

GERMANY, FEDERAL REP. OF: Bayerischer Rundfunk 6085 f/d cd. in 45 ds. for 2 IRCs. (Renfrew). Deutsche Welle 6100/6045 and 9640 n/d cd. in 41 ds. (Jones-TN). Radio Liberty 15255 p/d "Map" cd. in 6 ds. (D'Angelo).

GREECE: Voice of Greece 12105 f/d "Delphi" cd. in 47 ds. v/s Demetri Vaf-eas. (Rigas). 11645 f/d cd. in 1 mo. (Bowden). VOA 9680 Kavala f/d cd. in 9 ds. (Wilkins). 7205 f/d cd. in 8 ds. (Richards).

GUAM: KTWR 7105 f/d cd. in 3 wks. (Bowden). cd. in 36 ds. (McElvy). 9870 f/d cd. w/ pennant in 26 ds. for 3 IRCs. (Richards).

GUATEMALA: Radio Maya de Barillas 3325 f/d cd. in 211 ds. for a SP rpt. v/s Francisco Juan Pedro, Gerente. (Mosman-IL).

GUYANA: GBC 5950 f/d ltr. in 38 ds. v/s Juliet Laur. (McElvy).

HOLLAND: Radio Nederland 6020 f/d cd. in 1 mo. (Bowden).

HONDURAS: Radio Luz y Vida 3250 f/d form ltr. in 51 ds. for a SP rpt. and 1 IRC. v/s Donald Moore, Manager. (Schmitz).

ISRAEL: IBA 11585 f/d blue "Logo" cd. in 1 mo. (Palmerheim). (Stephany).

ITALY: Adventist World Radio 6205 via Forli f/d cd. in 25 ds. for 2 IRCs.

JAPAN: Radio Japan 9645 f/d cd. in 22 ds. (Levison). 15195 f/d "Rice Fields" cd. in 6 wks. (Bowden). NSB 9595 f/d "Logo" cd. in 38 ds. for 1 IRC. (Ri-LEBANON: King of Hope 6280 f/d cd. w/ sticker in 100 ds. Report gas).

sent to Israel - QSL came from Van Nuys address. (Hardester-PA).

LIBYA: Radio Jamahiyira f/d "African Service" cd. in 135 ds. (McElvy).

MALI: Radiodiffusion Television du Mali 4783 f/d "Map" cd. in 40 ds. for an EG/FR rpt. and 2 IRCs. (Weber-OH).

MEXICO: XEWX 9515 p/d cd. w/ pennant in 66 ds. for a SP rpt. and ms. v/s Lic. Ignacio Martin del Campo, Director. (Wilkins). Radio Universidad 9602 p/d cd. in 32 ds. for a SP rpt. and ms. v/s Lic. Lorella Castorena Davis. (Rigas).



VERIFICATION SIGNERS: Radio Nacional Manaus 4845 Eudson Monteiro Lima, KFBS 9820 Ron Bonerc, AWR Guatemala 5981 Juan Federico Lopez, Sub Gerente. HRVC 4820 Miss Reina M. Figueora. Radio Clarin 11700 Eduardo Tamarco, Supervisor Tecnico. Radio Niger 5020 Yacovia Alwali. Radio Tahuantisuyo 4910 Raul Montesinos E., Director Gerente. Radio Tarma 4775 Mario Monteverde F., Director Gerente. Radio Uganda 5026 A.P. Lawoko, Director of Broadcasting. ZBC 3396 Patience Mabena. Azad Kashmir Radio 4790 Yarmu Khan. Marconi Radio International 11650 Manlio Candelli, Director General. Radio Monte Carlo 15465 Pierre Casalta, Director General. Radio Melodia 6260.4 Delgado Torres. Radio Madre de Dios 4951 Francisco Javier Aniz, Director. Radio TV Gaucha 11915 Flavio Fleck, Dept. Tecnico. Radio Super Medellin 4775 Ismael Ochoa, Director. AIR Alzawal 5050 Lalmerliani Fanai, Senior Grade Announcer. RRI Yogyakarta 6056 Erwina Ristianni, Public Relations Officer.

SUDAN NATIONAL BROADCASTING CORPORATION
(SNEC), RADIO OMDURMAN, P.O. BOX 572, OMDURMAN.
REPUBLIC OF THE SUDAN.
DATE: - 2.5.1986

OUR REFERENCE: - SNBC/RAL/122/4

MR. RICHARD E. DAVLS
117 COLORADO DRIVE
PORTALES, NEW MEXICO 88130 U.S.A.

Dear Madam/Sir,
Thank you very much for your reception report dated FEBRUARY
14.1986...., and it is to my pleasure to confirm that
the station you monitored was Radio Omdurman.

OUR BROADCASTING FREQUENCIES:-

Mw:-	12.96 KHZ	231 meters	750 Kw
	360 "	312 "	100 "
	764 "	333 "	50 "
	633 "	453 "	100 "
	572 "	521 "	100 "
	540 "	555 "	25 "
Sw:-	4994 "	60 "	20 "
	7126 "	49 "	
	6150 "	41 "	
	9509 "	31 "	
	11835 "	25 "	
	15170 "	19 "	

Transmission time from 0600 to 2400 (UTC) Sudan Local Time.

693 KHZ - Radio Juba, Regional Service (South Sudan).
540 " - Radio Nyala, Regional Service (western Sudan).

We also have rural services using Low Power Mw Transmitters,
(5Kw to 10 Kw).

Sincerely yours,

Department of Public & International Relations.

Vice/Director SNEC/SUDAN RADIO.

MOROCCO: Radio Monte Carlo 15465 p/d ltr. in 40 ds. for 3 IRCs. from SOMERA/Paris address. Also sent rpt. to RMC in Monaco and rcvd. a f/d cd. from TWR(!) noting the Mt. Agel transmitter site. (Renfrew). 9795 form ltr. in 38 ds. w/ sticker. (D'Angelo). f/d ltr. w/ schedule and sticker in 1 mo. for a FR rpt. (Craighead). p/d ltr. in 48 ds.
* (George). **Radio Medi-Un** 9577 Nador n/d form ltr. in 5 mo. for a FR rpt. and 2 IRCs. v/s J. Dryk. (Allen).

NEW CALEDONIA: RFO Noumea 7170 n/d cd. in 265 ds for a FR rpt. and ms. (Dillon-MD). 7170/3355 cd. in 190 ds. for a FR rpt. and ms. (George).

NIGERIA: PRCN 4770 Kaduna f/d ltr. in 395 ds. for 3 IRCs. (Renfrew).

NORWAY: Radio Norway International 9580 f/d "Norwegian Hydro-domic Laboratories" cd. in 6 wks. (Bowden).

PAKISTAN: PRC 9465 f/d cd.

w/ ltr. in 55 ds. for 3 IRCs. (Renfrew). f/d prepared cd. in 6 mo. via Embassy after 9 tries. v/s Mahmood Ahmed, Deputy Controller. (Palmerheim).

PAPUA NEW GUINEA: NBC 9520 f/d "Map" cd. in 126 ds. v/s Pomsie Pomat. (Wilkins). 4787.5 f/d cd. w/ ltr. in 126 ds. QSL says this odd freq. was due to transmitter fault. (Wilkins).

PERU: Radio Ancash 4990 f/d ltr. w/ postcard in 132 ds. for a SP rpt. and ms. (Stephany). **Radio San Martin** 4810 p/d personal ltr. in 52 ds. for a SP rpt. and 1 IRC. This after 3 tries. v/s Edgar Portocarrero, Director General, Rosa Ruiz, Secretary and Jose Manuel Chong, Gerente Proprietario. (Schmitz). **Radio Pampas** 4854 f/d form ltr. w/ personal ltr. in 14

* ds. for a SP rpt. and 1 IRC. v/s Luis P. D. Mestre. (Schmitz). **Radio El Sol de los Andes** 3230 n/d "Modern Juliaca" cd. in 61 ds. for a SP rpt. and 1 IRC. v/s Adela Martinez Arce. (Schmitz). **Radio Melodia** 6260 n/d "Map" cd. in 2 mo. for a SP rpt. (Field).

POLAND: Radio Polonia 7145 f/d "Sandomiersz Town Hall" cd. in 6 mo. (Bowden). 15120 f/d "Warsawa - Xawery Dunikowski Museum" cd. in 6 mo. (Bowden). f/d "Poznan - Adam Mickiewicz University" cd. in 6 mo. (Bowden).

PORTUGAL: Radio Renascenca 9680 f/d blue/white cd. in 125 ds. for a PT rpt. and 1 IRC. (Hardester).

QATAR: Qatar Broadcasting Service 9905 f/d "Lago/Map" cd. in 164 ds. for 2 IRCs. v/s Jassem Mohd. Al-Qattan. (Allen).

ROMANIA: Radio Bucharest 15250 f/d "Balcesu Portrait" cd. in 4 1/2 mo. (Eckert) 5990 f/d "Drumul Tapestry" cd. in 94 ds. (Levison).

To: John Syzalla RA RW2L Box 128 Monticello, NY. 10541
This will confirm reception of THE SECRET MOUNTAIN LABORATORY, LTD.

On the following Date and Time: 8-19-85 0135 to 0207 GMT

THE SECRET MOUNTAIN LABORATORY is a shortwave relay station and is currently rebroadcasting the following free radio stations:

KFAT, the FAT one, a medium wave station;

THE VOICE OF BOB,



And others.....

Thank you for your report. We hope you can tune in again on our next broadcast. Too bad we can't tell you when it will be. Oh Well!

73fr from

THE SECRET MOUNTAIN LABORATORY, LTD.

RWANDA: Radiodiffusion Rwand-
aise 3330 p/d "Logo" cd. w/
p/d form ltr. in 70 ds.
for a FR rpt. and 1 IRC.
(Allen-OK).

SAIPAN: KYOI 11900 f/d "Bird"
cd. in 6 ds. for ms. (Weiss)
SINGAPORE: BBC 11750 f/d "Ant-
enna Farm" cd. in 20 ds.
for 2 IRCs. (Palmerheim).

SOUTH AFRICA: Radio RSA 6010
f/d "Malachite Kingfisher"
cd. in 38 ds. (Jones-TN).
SPAIN: REE 9630 via Noblejas
f/d cd. in 55 ds. (Renfrew).

SRI LANKA: SLBC 9720 f/d cd.
in 5 1/2 mo. for 3 IRCs. (Ren-
frew-NY).

SUDAN: Radio Omdurman 5039 p/d form ltr. in 162 ds. for 3 IRCs. v/s J.
Brown, Department of Public and International Relations. (Davis-NM).
5040 f/d form ltr. in 96 ds. for 1 IRC. (Schmitz).

SUMATRA: RRI Tanjungkarang 3395 p/d ltr. in 17 ds. for an IN rpt. and ms.
v/s Drs. H. Hamadan Syahbeni, Kepala. (Wilkins). RRI Palembang 4855 f/d
cd. in 24 ds. for an IN rpt. and ms. (Wilkins).

SYRIA: Radio Damascus 12085 f/d cd. w/ pennant via registered mail in 112
ds. (VanHorn). f/d "Map" cd. w/ paper flag and cloth patch in 14 mo.
Schedule rcvd. (Eckert).

TAHITI: Radio Tahiti 15170 f/d cd. in 22 ds. for a FR rpt. and 1 IRC.
(Weiss). same in 122 ds. for 4 IRCs.
(McElvy-VA).

TAIWAN: WYFR 15090/15055 via Voice of Free
China f/d cd. w/ sticker in 3 wks. w/
schedule. (Field).

TANGIER: YOA 15195 f/d cd. in 1 mo. (name?)
TOGO: Radio Togolaise 5047 f/d "Map" cd.
in 43 ds. for ms. (Weiss).

TURKEY: Turkish Police Radio 6340 f/d
* plain white cd. in 6 mo. for 2 IRCs.
Stamps rcvd. (Tuchscherer-WI).

UKRAINE: Radio Kiev 5905 f/d cd. in 113
ds. (Levison). f/d "Flowers" cd. in 53
ds. (McElvy). 7165 f/d "Tarasova Hill
Hotel" cd. in 73 ds. (Levison). f/d

"Branch of Central Lenin Museum" cd. in
70 ds. (Weber). Radio Moscow 7185 via Sim-
feropol f/d cd. in 5 wks. (Plum-NJ). 17655 f/d cd. in 95 ds. (Forst).
11950 f/d "Lenin Library" cd. in 1 mo. (Palmerheim). 7290/7330 via Lvov
f/d cd. in 5 wks. (Plum). 9815 f/d "Bolshoi Theatre" cd. in 1 1/2 mo. (Palm-
ersheim). 9755 via Nikolaev f/d cd. in 1
mo. (Palmerheim). 12030 via Vinnitsa f/d
cd. in 1 1/2 mo. (Palmerheim).

USA: KCBI 11735 f/d "SPEEDX" cd. in 11 ds.
for ms. v/s David Sharp. (Jones-TN). f/d
cd. in 7 ds. for ms. (Kremer-SC). WHRI
9770 f/d "Logo" cd. in 66 ds. v/s Loren
Holycross. (D'Angelo). same in 26 ds. for
SASE. (Richards-CT). 11790 f/d cd. in 3
mo. for ms. (Orcutt). 15310 same in 52 ds.
(Levison). 7400 f/d cd. in 163 ds. for
ms. v/s Marvin L. Hatfield. (Dillon). 6100
f/d "Special Test" cd. in 3 mo. for ms.
v/s Douglas W. Garlinger, Chief Engineer.
(Kusalik-ALB). 7355 f/d "Globes" cd. in
159 ds. for ms. (Davis). 11865 f/d cd. in
5 wks. (Palmerheim). 15105 f/d cd. in 7
mo. for ms. (Turner-NY). 11865 f/d cd. in
59 ds. for ms. (Stephany). 9615/15355 f/d
"First Day" cd. in 74 ds. for ms. v/s
David L. Russell, Engineer. (Wilkins).
WINB 15145 n/d cd. in 13 ds. for SASE.
v/s John Norris. (Richards).



Werbung im **SWF** GmbH
QSL Postfach 1115, 7570 Baden-Baden 1

Wir bestätigen dankend Ihren Empfangsbericht
We gratefully acknowledge your reception report
vom 13.04.86 über unseren
dated the concerning our
Sender Rohrdorf
short medium wave transmitter

via R. D'Angelo
Frequenz 7265 kHz 20 kW
Frequency kc/s kws

Bitte, schreiben Sie uns, wenn Sie über unsere
Please write us, if you want to be informed about
Programme informiert werden möchten.

our programmes.
Wir wünschen Ihnen weiterhin einen guten Empfang
May you always receive our programmes in the best
unserer Sendungen.
quality.

Mit freundlichen Grüßen
With kind regards

i. V. Dr. Krank
Techn. Direktor

QSL - CARD
(YDR)

R.R.I. Regional I Amboin
John Ahmad Yani No. 1 Amboin Maluku



CONFIRMING - QSS - RPT

Date	Time	Freq	Mode	QRX	Other data
35-3	21-35	46.45	-	-	-
1966	12-55				

Hallo Mr. John Wilkins. We are happy receiving your report. Please we wait for another report from you.

Amboin 1966
Korintia Station

TO Mr. JOHN M. WILKINS

Call Sign

Address 4385 Hoyt St Apt
205 Wheat Ridge
Co 80033

U. S. A

America - Serket

USA: Radio Marti 9525 f/d "Cuban Post" cd. in 14 ds. w/ schedule. (VanHorn). WYFR 15566 f/d cd. in 66 ds. (Jones). WMLK 9455 f/d ltr. in 18 ds. v/s Elder Jacob O. Meyer. (Allen). YOA 5995 via Greenville f/d cd. in 7 ds. (Kremer). 17800 via Bethany f/d cd. in 9 ds. (Kremer). 11740 via Delano f/d cd. in 7 ds. (Richards) YOA Dixon f/d cd. in 8 ds. (McElvy). Radio Earth via WHRI 7400 f/d "Willemstad" cd. in 78 ds. (D'Angelo). Voice of Free China 11855 via WYFR n/d "Sister Pond" cd. w/ personal ltr. in 80 ds. for 1 IRC. v/s Lily Liu. (Brouillette-IL). 5985 f/d

cd. in 119 ds. (Levison). f/d cd. in 68 ds. (D'Angelo).

USA (Pirate): Secret Mountain Laboratory p/d form ltr. in 313 ds. for a taped rpt. and ms. (Sgrulletta). Tangerine Radio 7432 f/d orange cd. in 30 ds. for ms. (Stephany).
USSR: Radio Moscow 11840 cd. in 92 ds. (Levison). cd. in 1 mo. (Bowden). 9600 "Downtown Moscow" cd. in 4 wks. (Bowden). 9815 cd. in 29 ds. (Jones).
UZBEKISTAN SSR: Radio Tashkent 11785 f/d cd. in 115 ds. (Weber).
VATICAN: Radio Vatican 15120 f/d cd. in 5 wks. (Bowden). 11810 f/d "Ufficio Propaganda" cd. in 5 wks. (Bowden). 9605 same cd. in 3 wks. (Bowden).
VENEZUELA: Radio Capital 4850 f/d cd. in 2 1/2 wks. w/ sticker for a SP rpt. and ms. v/s Manuel Correa, Gerente de Produccion. (Kusalik). Radio Yarcany 4940 n/d personal ltr. in 47 ds. for a SP rpt. and 1 IRC. This after 5 f/up rpts. v/s Antonio Campos. (Schmitz). n/d ltr. in 5 1/2 mo. for a SP rpt. and ms. (Jones). Radio Mundial Bolivar 4770 p/d ltr. in 37 ds. for a SP rpt. and 2 IRCs. (Paszkiewicz-WI). same in 29 ds. for a SP rpt. and 1 IRC. v/s Luven Rossi Vera, Director. Station used my prepared cd. for the layout of their form ltr. (Schmitz). f/d ltr. on 5th try for a SP rpt. and ms. in 100 ds. Sticker rcvd. (Plum-NJ).
VIETNAM: Voice of Vietnam 10010 f/d cd. w/ paper pennant in 130 ds. for 2 IRCs. (Henschen-IN).

Señor
JOHN M. WILKINS
4385 Hoyt St. Apt. 205
Wheat Ridge, CO 80033
U.S.A.

Apreciado Señor Wilkins:

Mucho nos complace saber que la Radio Nacional de Colombia llega en buenas condiciones técnicas a la capital del estado de Colorado y que tenemos allí un buen oyente.

Aunque nuestra programación, como usted anota, va dirigida sobre todo a una audiencia nacional, por su carácter cultural tiene proyecciones mucho más amplias. Para que tenga usted una idea más completa de nuestra emisora y pueda elegir los programas que sean de su agrado, hemos incluido su nombre en la lista de los suscriptores de nuestro boletín mensual de programas.

Con la presente le enviamos la "verificación" de su reporte, el banderín que nos solicita y una muestra (cassette) de nuestra música folclórica.

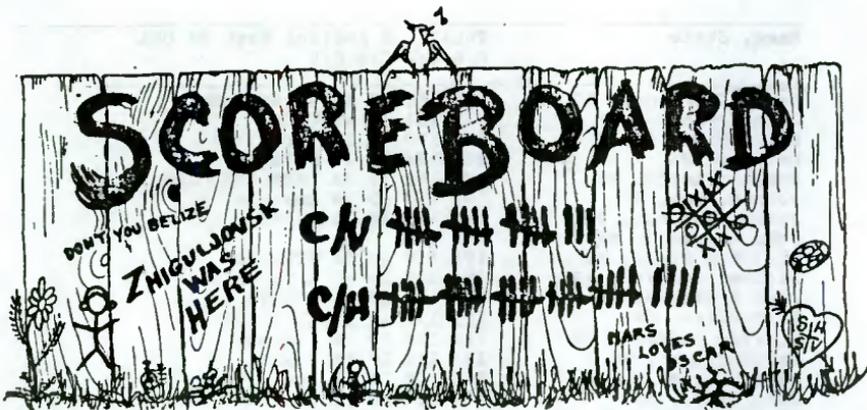
Permítanos expresarle, señor Wilkins, nuestros agradecimientos por sus generosos comentarios.

Cordialmente,

RADIO NACIONAL
JOSÉ HORTA DÍAZ
Director (e)
Radiofonía Nacional de Colombia

Hope everyone had a good summer DX season. Conditions are going to improve. Till next time...

Lam



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

SEPTEMBER 1986

We once again welcome you to NASWA's Scoreboard. In this column, you have the opportunity to share your DXing progress with everyone. This month the Spotlight is on North America. C/B = countries heard and C/V = countries verified. Country counts are by the official NASWA Country List. Please note that HQ has an 1986 edition of the NASWA Radio Country List available for \$2.00. The next Scorbord will appear in the December issue of FRENDX and the deadline for submitting Scoreboard updates will be 15 November 1986. The Spotlight for the December issue will be on Oceana. You must update at least once a year or your entry will be deleted. Many thanks to all who have contributed to this Scoreboard.

Name, State	Total		N America		Best NA	QSL
	C/B	C/V	C/B	C/V		
James Young, CA	230	221	23	19	Montserrat	
John Tuchscherer, WI	229		28		CKFX 6080	
Bob Padula, Austral.	223	217	20	20		
Edward Kusalik, Alb.	220	212	23	22	Turks & Caicos	
Jerry Berg, MA	219	217	24	24	Montserrat, dir	
Marlin Field, MI	218	217	23	23	CFRX	
Tom Williamson, Ont.	218	203	25	24	R. Swan	
Gerry Bishop, CA	217	195	21	20	CKFX	
Nobuaki Takahashi, Japan	217	186				
William Flynn, CA	216	200	24	24	Greenland 9526	
Tom Gavaras, MN	213	206	21	20	Turks	
Al Miller, OH	212	205	21	20	Turks	
Terry Krueger, FL	212	146	21	18	Turks	
Mitch Sams, KS	208	117				
John Sgrulletta, NY	207	206	22	22	CKFX	
Terry Palmersheim, MN	207	168	19	19	El Salvador	
Mark Koukol, IL	203	181	21	20	Turks & Caicos	
Dave Valko, PA	203	170				
Steve Reinstein, FL	203	166	18	16	R Cuba Libre	
Paul Buer, FL	202	187	22	21	CKFX 6080 10W	
C. J. Orekar, CA	201	192	22	22	Greenland	
Ron Howard, CA	200	184		21	XEXQ	
Vladimir Cucura, PA	200	106	19	13	Grenada	
Richard Davis, NM	198	180	22	20	Panama HOH7	
Bill Harms, MD	198	125	19	17	CKFX	
C. Vernon Hyson, NC	195	176	25	24	Martinique	
Harold Cones, VA	193	171	20	20	LV Mosquita	
Steven Lare, MI	193	148	19	18	CKFX	
Kevin M. Szot, CA	193	040	19			
Nelson George, NC	189	164	18	16		

Name, State	Total C/B C/V	N America C/B C/V	Best NA C/B C/V	QSL
David Swaringen, NC	189	161	18 17	El Salvador
John Bryant, OK	189	151	19 16	CPCX
Mike Hardester, CA	188	175	20 19	Turks
Del Fye, FL	188	171	19 18	Belize
Stephen Leite, MA	187	159	16 14	CKFX 6080 10W
John R. Tow, AL	186	154	19 18	Swan Is
Jerry Lineback, TX	186	107	18 12	Turks
John Huniwell, NJ	185	178		
Christos Rigas, IL	185	160	19 18	Grenada
Michael Schmitz, FRG	184	150	14 12	R Chortis
Rick Krzemien, IL	184	148	18 16	Belize
Kirk Allen, OK	183	135	19 15	CKFX 10W
Charlie Hoffman, PA	182	148	19 16	Grenada
Ray Forsgren, WI	181	118	17 14	R Mam
Hadley Cress, VA	181	008	19 1	Turks
John Meyer, WI	180	138	18 16	CKFX
Lin Robertson, CA	177	150		
Bob McCoy, NE	175	087	17 14	ORF via RCI
Ken Cobb, ME	173	129	18 16	CKFX
Morley Kirkland, Ont.	172	159	16	Alaska
Gayle Van Horn, FL	169	135	18 16	LV de Nahuala
Bob Streeter, NY	168	132		
Tom Laskowski, IN	166	126	23 20	CKFX 10W
Thomas Giella, TX	166	005	16 2	Pirate TNFM
Norman Bobb, MN	165	001	19 1	KGFI
Sheryl Paszkiewicz, WI	164	136	18 16	TGNA
Charles Foxx, Jr., VA	160	129		
Austin Kelly, IL	156	129	18 18	Windward Is BC
Peter Tutak, NJ	152	118	17 14	BBK Radio
William Plum, NJ	149	108	18 16	KQRP 20W
Nolan Stephany, NY	147	128	18 17	R. Free Grenana
Tom Daly, NY	142	30	15 3	Grenada
Carl Mann, IA	141	121		
Steve Kennedy, TN	138	103	18 18	R Americas
Peter Dillon, MD	134	90	15 11	Belize
Steve Forst, PA	129	84	16 12	Medieval R 20W
Kevin Klein, WI	129	61	16 9	Belize
Kenneth Hill, MA	128	78	15 9	R Discovery
Dale Park, HI	128	35	13 4	Pirate KVHF
Jerry L. Green, TN	127	95	2 2	Belize
Jim Renfrew, NY	127	72	17 11	KORP
Keiichi Kondo, Japan	126	82		
David Hetzel, WI	123	85	17 12	CKFX
Fr. John Eckert, PA	120	64	14 9	
Joe Talbot, Alb.	115	93	13 11	KLS
Joe Kremer, SC	113	61	16 9	Belize
Ichiro Maruo, Japan	108	81	4 3	KNLS
Dustin Brann, MO	108	48		
Tom McElvy, VA	107	90	13 13	CKFX & VoNic.
Jackie Cole, CO	106	77		
Bill Thim, CT	105	74		
Tom Mooningham, MD	105	60	11 9	Costa Rica
Peter Giacobelli, NY	099	89	16 14	Honduras
E. M. Church, VT	093	57		
Thomas Ross, IL	088	73	13 10	Belize
Andy Rugg, Que.	080	68	16 13	WBBS, Grenada
Michael Monaco, NY	079	55	14 11	CPCN
Ronald Purdue, MN	079	43		
Bob Nagel, PA	077	57	2 2	R Confusion
Steve Schaub, IL	069	57	9 8	R Reloj
Mike Magick, AZ	052	40		
Jim Streitmatter, IN	052			
Vivienne Sales, IN	035	26		

Thanks to all our contributors this month. Please share your totals with your fellow NASWA members through Scoreboard. Remember the Spotlight next time will be on Oceana and that the deadline will be November 15. If your name is missing from the list this time, You probably have not updated in the past year. Good DX and 73s.

update

September 1986*Number 217

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

UPCOMING DEADLINES: 10 Sept (Mid-Sept) 20 Sept (Oct) 10 Oct (Mid-Oct)

leap edition permitted. Credit original reporter and NASWA UPDATE. Date, times and days
MT. Freqs kHz.

fore from Richard Wood and Dale "To-the mailbox-just-in-the-nick-of-time" Park. Richard first:

ALASKA KNLS, Anchor Point, 11850, noted in English with Bible reading 0945. Good. (8-10)

BURMA BBS, Rangoon, 4725, noted with news in Burmese or a closely related language 1200.
Good. (8-14)

CHINA All transmissions of the CPBS Minority Language Service are noted in daylight
savings time, i.e., one hour later than the times listed in WRTH 1986. Uighur is noted
1200-30 (listed for 11000 on 5145 and 5850, the latter a new frequency not listed in WRTH
1986. Uighur is also noted 1400-30 (WRTH 1986 indicates only a 1330 starting time) on
listed 5145 and unlisted 4883. Kazakh noted 1230-1300 (WRTH lists 1130) on 8566 and 11375.
All good. (8-5, 14)

Urumqi, Xiniang, on new 2560 parallel to old 4735 and 7050 in Uighur 1500-1600. At
1600-55 and again 1700-55, Urumqi 7050 relays Beijing in Russian and is jammed. (WRTH 1986
lists 7035.) Good. (8-6)

Heilongjiang, Manchuria, 4925, noted in Korean 0930-1000. Good. (8-10)

MEXICO XERMX, Mexico City, 11769.5, noted with Mexican tourism program in Spanish 1545-
1600. No parallel frequency noted. Good. (8-8)

NORWAY R. Norway International, 9650, noted with interval signal 0355-0400 and Norwegian
0400-45. Good. (8-8)

PAKISTAN R. Pakistan Turkish 1625-1730 noted on 7091, 9860 and 13665, the last with hummy,
crackly modulation. Farsi 1700-45 noted on 7365 only. Good. (8-13)

PERU R. San Martin, Tarapoto, 4810, noted with full sign-off wording 0400 (WRTH 1986 lists)

0430) as follows: "Hasta este momento, Radio San Martin amplitud modulada y onda corta ha
transmitido. Los esperamos otra vez en la nueva transmision de manana por la manana.
Felices suenades." Into the melody "Traumerei" and national anthem. Off at 0403. Good. Radio
Chanchamayo, La Merced, 4895 (listed WRTH 1986 as 4896v) also sign-off 0406 after national
anthem, rather than 0500 (Sun 0300) in WRTH. (7-23)

PHILIPPINES A language used for many years by FEBC Manila but not listed in WRTH 1986 is
Russian. Observed on long-established 6120 with Russian gospel programming transcribed
from the USA 1530-1630. Identification and Manila address 1600. Good especially after VOA
6120 signs off 1601. (7-23)

SEYCHELLES FEBA English to South Asia 1515-1608 is on new 9590, replacing 11865. Programs
are largely U.S. gospel transcriptions such as "Back to the Bible", with English news 1600
to close. Good. (7-23)

SOUTH AFRICA Radio Oranje, Bloemfontein, Orange Free State, is now on shortwave. It is
unclear whether this is a new policy, or whether the internal shortwave service has re-
placed the former Springbok Radio with a series of selected rebroadcasts from the different
domestic regional services. Noted on new 6105 at 0600-30 in Afrikaans and English with
many commercials. The Afrikaans name "Oranje" is pronounced "Or-ON-ya" and should not be
confused with the all-night service Radio Orion heard 2200-0400 on 3250. Good. (8-9)

SRI LANKA The foreign commercial service of SLBC is noted in Hindi on new 6005 at 1530-
1600 but with several brief transmitter breakdowns. This may replace 11800 which has not
been heard lately. Fairly good. (8-8)

SWAZILAND Trans World Radio, Manzini, noted in new language, Urdu. Interval signal and ID:
"Yeh TWR from Manzini, Swaziland hai," 1525; into Pakistani music and religious messages
1530; to 1600. On new 11740. Very good. (7-22)

UGANDA R. Uganda, 5026, noted with English news 0400. Quite good. (7-23)

UK/CANADA RCI relay, Daventry, 9615, now has Russian one hour earlier for daylight savings
time; interval signal 0214 and sign-on 0215. QRM from R. RSA and R. Norway Int'l. Poor.

USSR External service of R. Dushanbe noted in a new language, Turkish, on usual 7275 and
6075 at 1530-1600. Good. R. Tashkent, 9540, in Farsi 1600-30; gives schedule in Kabul and
Tehran time; identification is "Injo Tashkent ast, sedaa ye Ozbekistan Shuravi." (7-23)

YEMEN PDR DYBS, Aden, has replaced 6005 with 5970 at 1100-2100. Noted in Arabic with
news 1500. This may be to avoid Sri Lanka which is now on 6005. 11770 remains in parallel,
but listed 7190 is not noted. 11770 noted 1530 in Arabic with ID and Arabic music. Good.

ZAMBIA ZBS, Lusaka, 6165, noted 0700 with news in African language. 0705 ID as "R. Zambia" and into African music. Quite good.

On to Dale Park's reports:

CHINA RB, 7375, in RS 1600. IS and ID "Govorit Peking." Jammer overtaking the b'cast; IS and ID again; then full ID and nx. Poor to unusable. QRM jammer: "...". (7-29)

RB, 8450, in VT 1648. M with a talk on Guangdong province (from whence Cantonese chefs). Sounds like suppressed DSB since it was readable on either USB or LSB. Poor; co-channel and nearby ute QRM. (8-8)

INDIA AIR North HS via Delhi, 7412, in EG/vern 1535. M w/ national and regional nx, with the ID at 1540: "This news is coming to you from All India Radio;" woman with probable ad in vern, then talks by M. //9545. Poor, ARO CW qrm. (7-25)

MADAGASCAR RNW, 9505, in DT 1329. IS and ID "Radio Nederland Wereldomroep" by W; into band flourish, full ID including target area Europe and West Australia plus frequencies, then nx. Fair, unID way underneath; QRM jammer 9500. (7-29)

MALAYSIA RTH, 9665, in EG 1445. Surprised to hear "American Top Forty" with substitute host Charlie VanDyke; alas, it was the 6/14/86 edition and only the second hour was aired, minus commercials. Then ID at 1501 and Julio Inglesias mx. // 7295. Poor, under Pyongyang until 1450; soft audio. (7-29)

SEYCHELLES FEBA, 9590, in EG 1530. ID without frequencies, and into request show, "All Kinds of Music." Judging from music aired, such as The Cars, it seems out of place on this one. ID and nx 1600; 1611*. Not once were freqs mentioned. Fair; QRM RAU 9580, RMWS/R. RSA 9585, NSB 9595. (7-26)

SOUTH AFRICA R. RSA, 15220, in EG 1401. Nxbrief and ID, into a program commemorating Johannesburg's centenary in 1986. Amazed to hear the antipodes on such a high channel at 0401 local time. Poor with weak signal.

R. RSA, 7270, in EG 1538. "Africa Today" prgm including report from an American accented reporter in Washington on the Carter walkout in Harare. Probably all-darkness path from back end of signal. Poor; two unids mixing in back plus QRMoscow 7265.

TAIWAN WYFR via VoFC relay 9955 in RS/EG 1654. Woman singing, then anncr w/ annmnt and station address; into Bible reading from Acts in slow EG. Poor;ute QRM.

WYFR via VoFC relay 11550, in EG 1550; men singing hymns "dj" promo'ing "Unshackled." Into "Bible Quiz", song, 1601*. Poor; heavy local and other QRM. (8-1)

USA WMLK, 9455, in EG 0400. Elder Jacob Meyer with test b'cast after VOA s/off. Test tape included ID and stn address, some information on the Assemblies of Yahweh and Bible readings from the Assemblies' version of the Scripture. Probably an old tape since Elder Meyer gave the time of the b'cast as "1700-1900 GMT." Tuned out 0445, but not on at recheck around 0510. Has not been heard in August. Ironically, WYFR comes on here around 0600. Poor; ute QRM.

WYFR, 9455, in EG 0620. "Family Bible Reading" on Romans; hymnals, ID and inspirational talks. Do not confuse with WMLK, which has used this freq. Poor; ute QRM. (7-20)

WHRI, 7400, in EG 0500. Gospel mx, ID and address, into news headlines, then a real, live DJ airing inspirational mx. (Note: Lester E. Sumrall also owns KWHE-TV channel 14 here and he sometimes reads letters that come with reception reports on his TV prgms.) Fair; co-channel RTTY QRM. (8-5)

USSR R. Moscow, 11670, in FR 1730. IS and ID "Ici Moscou," then stereotypical African drums and horns, woman w/ freqs, nx. Probably a service to Africa that is separate from main "Radio Moscou Internationale" all-FR service. Poor w/ local QRM. (7-19)

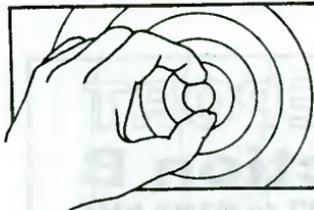
R. Tikhiv Okean, 9755, in RS/EG 0744. Talks by m&w, into "Voice of RTO" EG commentary by wcm 0747. RS returned 0751. // 9635, 9820, 9905. Poor; jammer underneath, QRM RAU 9760. (7-19)

RStn Peace and Progress, 13785, in Cantonese 1128. ID and IS, man w/ ID and talk including some references to Guangdong province. Poor w/ weak signal and heavy local QRM.

And this in from friend John Tuchscherer: FOR SALE: "The Latin DX Helper," a pamphlet with freqs and skeds for 200 LA stations. \$1.00 in US funds plus a #10 SASE to John D. Tuchscherer, 630 Winnebago Hts., Neenah, WI 54956 USA. (Sounds good. tba)

All for now. Thanks to Dale and Richard. Send logs!

73-- *JBA*



LOG REPORT

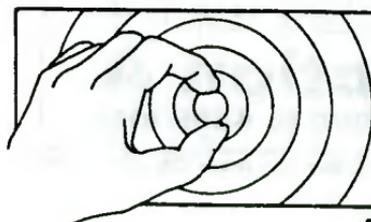
section A

2000 to 4899 kHz

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

Welcome to LR-A for September. Hope all are doing well. Sorry that there was no column last month but I received the material in a plastic baggie a week late marked as damaged in handling by the USPS. Now, on to it:

- 2380 FALKLAND ISLANDS. FIBS. 0475. EE. Music by Joan Baez and others by DJ. (24/07 Hill)
- 3215 SOUTH AFRICA. R. Orion(SABC). 0005-0045. EE/AK. Various pop tunes w/ ID(29/07 Cucura)
- 3220 PAPUA NEW GUINEA. 0925. Pidgin. Local type music sung by children, time pips and ID at 0930. (27/06 Hoffman)
- 3250 HONDURAS. R. Luz y Vida. 0324-0400. SS. Lively OM w/loud vocals.(10/07 Jordan)
- 3285 BELIZE. R.B. 0430-0445. EE. Pop selections w/3 announcers and PSA's. (8/07 Jordan)
- 3300 GUATEMALA. R. Culture. 0225-0240. SS. Local music selections and slow melodies, weak signal.(8/07 Jordan)
- 3395 ECUADOR. R. Zaracay. 0350-0400. SS. LA vocals until S/off w/ ID and anmts.(5/07 D'Angelo)
- 3975 UNITED KINGDOM. BBC. 0435. EE. "English by Radio" programme and Euro Sve.(2/08 Hill)
- 4755 BRASIL. R.D. do Maranhao. 0014-0052. PT. Romantic vocals w/ID.(1/08 D'Angelo)
- * HONDURAS. Familia Radio(HRRI). 0526-0541. EE/SS. ID in SS. Ment that this was a test transmission w/ power of 2000 watts. Not heard since.(16/07 Allen)
- NF 4770 CUBA. R. Moscow. 0109-0124. RR. Tik by OM & OW(!). (28/07 D'Angelo)
- VENEZUELA. R. Mundial Bolivar. 0053-0103. SS. Tune into ID followed by 2 OM in conversation.(1/08 D'Angelo)
- 4775 PERU. R. Tarma. 0240-0405. SS. Romantic ballads, spot ID's w/ echo effects w/ ad's & promo's. (8/07 Jordan)
- 4785 TANZANIA. R.T. 1835. Vern. ID and reports followed by AF folk music.(1/07 Schulze)
- 4805 BRASIL. Diff. Amazonas. 0157-0210. PT. ID w/ freq given at 0202, heavy ORN.(n/d Dillon)
- 4810 SOUTH AFRICA. R. RSA. 1955. EE/FF. ID followed by FF to Europe.(19/06 Schulze)
- PERU. R. San Martin. 0933-1005. SS. NA at 0935 and into slogan type ID w/ moderate tempo ballads. (25/07 Jordan)
- 4820 ECUADOR. R. Pay y Bien. 0923. SS. ID by OM then christain talk.(16/07 Plum)
- 4830 VENEZUELA. R. Tachira. 0104-0131. SS. Spanish versions of popular US songs, full ID & freg given at 0130. (14/07 D'Angelo)
- 4834 MALI. RTVM. 2320-2340. FF. OM talk and ID w/ "House of the rising Sun" and other pop tunes in FF. //4783. (28/07 Cucura)
- 4845 BRASIL. R.N. Manaus. 0130. PT. Ballads. (15/07 Dickson)--details please!! MH
- 4850 CAMEROON. R. Yaounde. 2310. FF. YL w/ ID and anmts, one of the first Afro's to fade in on 60 metres each afternoon! (9/07 Hoffman)
- 4890 PAPUA NEW GUINEA NBC. 1010. EE. Late 70's tunes w/ heavy-accented OM DJ, time check as "19½ minutes past 8:00" at 1019. (27/07 Weiss)
- 4895 BRASIL. R. Bare(Presumed). 0275-0310. PT. Futebol match w/ 2 OM anncr's, no ID's noted. (31/07 D'Angelo)
- | | | | | | | | |
|------|------|--------------|-----|------|------|-------------------|-----|
| 0104 | 4830 | R. Tachira | VEN | 1010 | 4890 | NBC | PNG |
| 0109 | 4770 | R. Moscow | CUB | 1835 | 4785 | R. Tanz. | TAN |
| 0130 | 4845 | RN Manaus | BRA | 1955 | 4810 | RSA/SABC | RSA |
| 0157 | 4805 | RD Amazonas | BRA | 2115 | 3255 | LBS | LIB |
| 0225 | 4895 | R. Bare | BRA | 2310 | 4850 | Yaounde | CAM |
| 0225 | 3300 | R. Cultural | GUA | 2320 | 4834 | RTVM Mali | |
| 0240 | 4775 | R. Tarma | PER | 0005 | 3215 | R. Orion | RSA |
| 0325 | 3250 | R. Luz.. | HON | 0014 | 4755 | RD Maranhao | BRA |
| 0425 | 2380 | FIBS | FAL | 0053 | 4770 | R Mundial Bolivar | VEN |
| 0430 | 3285 | R. Belize | BEL | | | | |
| 0435 | 3975 | BBC | UK | | | | |
| 0506 | 4775 | HRRI | HON | | | | |
| 0925 | 3220 | R. Morobe | PNG | | | | |
| 0927 | 4820 | Paz y Bien | ECU | | | | |
| 0933 | 4810 | R. San Mart. | PER | | | | |
- 73's until next month and lets see some more loggings then.
- Mike*



LOG REPORT

section B

4900 to 6199 kHz

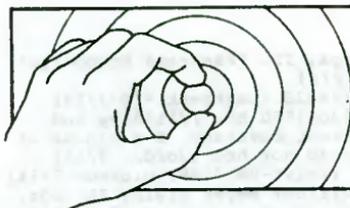
Editor: Jerry Berg, 38 Eastern Avenue, Lexington, MA 02173

While Jerry takes a well earned vacation, I'll try to fill his shoes this month. On to the loggings.

- 4915 BRAZIL R. Anhanguera 0110 PT talk by two OM w/mention of R. Anhanguera. Futbol play by play 8-1. (D'Angelo-PA)
- 4915 GHANA Accra EG ID "The Ghana Bcing Corp. presents Ghana Newsreel @2015 (Schulze-WGer)
- 4920 CHAD RN Tchadienne *0458 drum beats, NA, choir, OM in FR, freqs 7-27 (Weiss-OH)
- 4920 ECUADOR R. Quito 0140 SP OM, EZ listening LA mx, TCs, ADs, static 7-15 (Dickson-OH)
- 4926.8 MOZAMBIQUE Em. Interprovincial de Maputo e Gaza 2145 PT, mention of Mozambique, 2200 pips, mx, ID NA 2208* Not listed in TBS by DSWCI 7-6 (Schulze-WGer)
- 4945 SOUTH AFRICA RSA 1858 in Lotzi, 6 pips, ID, folk mx 7-12 (Schulze-W Ger)
- 4952.6 ANGOLA R. Nacional*0402 NA, drums, PT ID, Talks, local mx 7-5 (Schulze- WGer)
- 4980 SWAZILAND Swazi Comm. R. 2025 EG rel. px followed by 2030* 7-8 (Schulze-WGer)
- 4980 VENEZUELA Ecos del Torbes 0210-0232 SP pop ballads, ment Tachira, ID 7-27 (Dillon-MD)
- 4996 PERU R. Andina 0210 SP talk, many IDs, march mx, vocals, good sig 7-25 (D'Angelo-PA)
- 5015 ECUADOR ERP 0301 SP telephone talk, QTH, ID NA 0308* 6-28 (Schulze-WGer)
- 5015 PERU R. Moyabamba 0225 mx ID 0300 SP, NA then s/off. Rare catch here 6-28 (Schulze)
- 5020 NIGER Niamey (tent.) 0535 FR talk in vern, Koran readings, stringed mx 8-2 (Jordan)
- 5020 SOLOMON IS SIBC 1016 YL w/market rpt, guitar mx, prgm review, poor 7-25 (Krist-VA)
- 5021 VENEZUELA R. Nacional SP TC 0519, pops. Good level. Power increase? 7-13 (Schulze)
- 5030 PERU R. Los Andes 0935-1015 Andean px, many IDs "Buenos Dias Peru..." 7-25 (Plum)
- 5038 CLANDESTINE LV de la Uno SP 0255 OM IDs, rapid talk on Nicaragua. Alternate OM/YL ancrs. fair-poor 7-17 (Jordan-PA)
- 5039 ECUADOR LV del Upano 0230 SP slow mx, talk, ID s/off w/NA 0239 7-22 (Laskowski-IN) folk mx, vocals w/flutes OM in SP 0230. V poor w/jammer like QRM 7-17 (Jordan-PA)
- 5039.7 PERU R. Libertad 0335 SP ID, LA mx, ads. Fair level 6-28 (Schulze-WGer)
- 5043.3 ANGOLA ER de Benguela 1915 PT male talk, no ID (tent) folk mx, ment Angola (Schulze)
- 5045 BRAZIL R Cultura do Para 0231 PT lively pop mx semi-rock style 7-23 (Dickson-OH) 0244-0303* PT pupic affairs type px, full s/off ID by OM/YL, NA 0259 7-31 (D'Angelo)
- 5047 TOGO Lome 0530 vernac talk by OM, anmts in FF, hi-lie mx Fair. 8-2 (Jordan-PA)
- 5050 ECUADOR R Jesus del Gran Poder 1050 religious ser. choral mx, SP OM ID 7-2 (D'Angelo)
- 5055 COSTA RICA TIFC 0225 inst mx, two OM ancrs in SP, frqy anmts 7-17 (Jordan-PA) 0331 EG talk on "God's Way", ID by OM into SP. (Kraig you said 5050 is 5055? 7-26 (Krist)
- 5061 ECUADOR R. Nac. Progreso 0335 SP YL, romantic mx, OM w/ID, ADs. Good 7-5 (D'Angelo)
- 5191.3 ANGOLA ER do Mexico 1928 folk mx, ID 2000. No relay of R. Nacional this day. PT "Emisora Provincial ..." at 2103. 7-16 (Schulze-WGer)
- 5889 CLAND. LV de la Uno 0251-0300 SP anti-Sandinista px ID 0252 7-31 (Giella)
- 5950 FRANCE RFI 0131 FR ID accordion mx, ID, sked, nx pops 7-26 (Dillon-MD)
- 5955 COLOMBIA LV de los Centauros 0416 SP live mx px, Colombia ment. good 7-26 (D'Angelo) 1016 SP IDs, ADs, TC, "BD Colombia" px w/mx. Good. 7-14 (Cucura)
- 5975 COLOMBIA R. Macarena 1040 SP OM ancr w/IDs, mx px, ADs. 7-14 (Cucura)
- 6006 COSTA RICA R. Relog 0959 SP ID "R. Relog, Numero Uno en Costa Rica" pops 7-13 (Dillon)
- 6010 BRAZIL R. Inconfidencia 0745-800 PT TC, rooster, ID, rumba mx 7-26 (Hoffman-PA)
- 6015 NICARAGUA LV de Nicaragua 0144 EG commtry against US 7-11 (Dickson) 1056 SP/EG ID s/on with LA mx 7-14 (Cucura)
- 6015 IVORY COAST Abidjan *0600 FR NA, ID, freqs, brief nx, FR/US pops 7-19 (Weiss-OH) 0630 FR religious px, into "Journal de Dimanche". 7-27 (Hill-MA) Hi Bob! -crl-b
- 6025 BOLIVIA R. Illimani 0036 SP jingle, ID, flute mx. 8-1 (Tuchscherer)
- 6070 CANADA CFRX-Toronto 1230 EG mx, wx, newscast. Poor-fair. 8-7. (Hazel-NY) 1041 EG Gordon Lightfoot tune, OM DJ, ID for AM outlet, TC, wx rpt. 7-26 (Dillon-MD)
- 6070 SWAZILAND TWR 0523 EG "Radio Bible Class", ID, filler mx, QRN. Poor. 7-13 (Park-HI)
- 6110 MALTA R. Medit. 2316 EG mx prgm. Exc. level but much QRN. 7-12. (McElvy-VA)
- 6125 GERMANY-W RBI 0202 EG "usual" programming. 7-13. (McElvy-VA)
- 6160 COSTA RICA R. Impacto 1115 SP M&W newscast, ID 1133, electronic chimes 7-17. (Jordan)
- 6170 COLOMBIA LV de la Selva 1035-1120 SP full ID, CARACOL ID too, futbol 7-25 (Plum)
- 6185 USA WRNO *0300-0330 Glenn Hauser's DX px. Fair. 7-19. (Krist-VA)
- 6190 LESOTHO BBC WS EG 1632 live coverage of XIII Commonwealth Games in Scotland. Jamming QRN. 7-26. (Park-HI)
- 6195 CANADA CBC Northern Service 0404 EG nx, wx, pg "Radioactive" excellent. 8-3 (Giella)

That's all from here. JB will be back next month.

73 Chris



LOG REPORT

section C

6200 to 11699 kHz

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

ON THE WAVE:

Well... let's clarify a few things.

Radio Monte Carlo is in Monaco. Alas, it's also in Cyprus. WRTH 86 qualifies to identify the latter as "RMC Middle East" but makes no mention of any shortwave broadcasts. Why? Because, of course, they're new. So how does Morocco get into all this? To quote BBC Monitoring Service, July 25th '86: "... monitoring observations since 22nd July have shown that transmissions [of RMC ME] on 15465 kHz from 0740 gmt onwards cease for approximately 10 minutes at twenty minutes to every hour, while transmissions are switched to 13695 in order to conduct test broadcasts consisting of the Radio Monte Carlo jingle and music. The shortwave transmissions come from a TRANSMITTER IN NADOR, MOROCCO." (The previous information was sent to me by Dave Walcutt in NYC.) Naturally, BBC MS has the information under the heading of "Monaco"... Richard D'Angelo, in PA, also sent some information: a copy of a letter confirming his reception of RMC ME on 9795 (the letter also mentions broadcast times of 0450-0645 for 9795, and 0650-1500 on the previously mentioned 15465). One paragraph notes: "Obviously, we are always broadcasting from Cyprus the same program in French and Arabic languages on the frequency 1233 Khz (243, 3m) medium waves from 5 to 2030 UTC."

Whew.....

[[[In case you made it through all that fog up there, here's to let you know... I've given up the post of LRC Editor. It's the old story of "just not enough hours in the day." 'Nuff said except...

Thanks to all you contributors, with special kudos to the monthly regulars (you know who you are).]]]

- 6215 ITALY Adv.Wld.R 0440 FR&AR, Rel pgm in FR, ID 0445 EG/FR ("Vo Hope") then into AR (Hill-MA 7/12)
- 6557 CLAND. R.Venceremos 0010-0120* SP, ID, tx abt Honduras, Reagan & Duarte. Mx fr 0040-0120* w/tx breaks. (Stn on 6542 also ID'd as R.Venceremos) (Plum-NJ 7/24)
- 6910 IRELAND R.Dublin 0030 EG, rk mx, ads, IDs; f (Hill-MA 7/31)
- 6995 UnID. 2216-2238*SP, Ctnuous tx by W abt revolution, then sudden s/off. No ID. Exlt signal (Giella 7/25)
- 7120 ALBANIA RT 0230 EG, tx on neo-colonialist policy of imperialist powers; nx, politics; exl sig (Dickson 7/10)
- 7125 VATICAN STATE VR 0145 EG, rel tx, p (Hill-MA 7/30)
- 7175 Ukr.SSR R.Kiev 0200-0230 EG, nx&cmtry; Int'l year of peace; "Ukraine Today" pgm; intv w/US tourists (Dickson 7/10)
- 7190 S.YEMEN DMBS 0302-0312 AR, Holy Quran rec't, ID (Giella 7/30)
- 7215 IVORY COAST RTVI 0620 FR, not hrd on 6015. Fgy shift? Clr ID at 0621, into pops, inc'l Fleetwood Mac; g (Allen-OK 8/4)
- 7215 TURKEY VoT 0040 TK, tx&pops, nx at 0100; g (Hill-MA 7/31)
0120 lang? continous mx sel's, lil'tx (Levison 7/8)
- 7245 ANGOLA RNac-Ang. 2322 EG, lcl mx, nx, ID 2330 (McElvy-VA 7/12)
- 7270 POLAND R.Pol. 2328 EG, folk songs on violin (Levison 7/14)
- 7270 S.AFRICA RSA 1538 EG, "Afr Today" w/rpt on Pres. Carter's walkout in Harare; export nx; poor reception (Park-HI 7/14)
- 7295 CHINA RB FS 1453 JP, M&W w/CH lang lessons (Park-HI 7/29)
- 7375 CHINA RB FS 1600 RS, IS&ID, jammer on top, nx; p-vp (Park-HI 7/29)
- 7377.9 CLAND. LV del CID 0815-0840 SP, IDs, tx, //6305 wk (Hoffman 7/26)
- 7400 USA WHRI 0500 EG, Gospel mx, ID&adr, nx hdlines, inspirational mx; f (co-channel RTTY, lcl QRM; QRN) (Park-HI 8/5)
- 7412 INDIA AIR N.HS-Dehli 1535 EG/Vern, Nat'l&Rgnl nx, ID, ad in Vern, //9545; poor (Park-HI 7/25)
- 7430 GREECE VoG 0100-0145 GK/EG, ID, annmts, then non-stop sels of lcl mx, anncr w/EG nx (Jordan 7/18) 0130 EG, nx (Dickson 7/30) 0130-0150 GK, trad.GK mx, ID & nx; f (Dillon-MD 7/27) 0345 EG, nx: accusations of TK military activity, EG tl 0350 (Jones 7/3)

7470 CLAND. R.Caiman 0025-0110 SP, SP pops, ID, "Panorama Economico" then more mx, nx 0100 (Weiss-OH 8/6)

9009 ISRAEL KI 0413 EG, nx, sched, mx, //9435 (Laskowski-IN 7/19)

9385 ISRAEL VOI, IBA Home Svc. Pgm "B" 1830-1850 HB, //11585-g and 13748-f-gd, OM into poss sports event coverage, 5-6 min. nx at 1845 w/ments o/Leb, Pak, Syria; //9920 not hrd (Jordan 7/18)

9395 GREECE VoG *0130-0140* EG, ID, nx (Krist-VA 7/29, Dickson 7/11)

9455 USA WMLK 0400-0500* EG, testing, w/Elder Meyer giving ID, adr, bcst times (1700-1900), & Bible readings; p (Park-HI 7/15)

9455 USA WYFR 0620 EG, "Family Bible Reading" of the Book of Romans; hymnals, ID&tx; a crowded channel!; poor (Park-HI 7/20)

9505 BRAZIL R.Record 1458-1511 PT, love ballads, tx by M&W, ID at 1502; poor signal (Giella 7/23)

9505 MADAGASCAR RN 1329 Dch, IS&ID, nx; fair (Park-HI 7/29)

9510 CANADA BBC via RCI 1129 EG, promo, time bells, "Meridian" w/ "a mixed bag today"; poor (Park-HI 7/11)

9525 CUBA RCW 0755 EG, "I-I-I Ain't Gonna Play Sun Citih" song; s/off w/ID and NA; fair (Park-HI 7/22)

9535 PR.CHINA RB *1101 EG, wld&CH nx, "Letterbox" (Krist-VA 7/20)

9535 USA WYFR 1720 EG, Bible rdngs (Bauernhuber-NY 7/13) 2215 EG, Listeners Letters (Magick 7/19)

9540 MADAGASCAR RN rel 2033-2125 EG, "Happy Stn"; f (Dillon-MD 7/27)

9545v BRAZIL R.Universo 1015-1034 PT, non-stop EZL mx, ID&ann 1029, lost at 1034 due to lcl QRM (Cucura 7/10) 0435-0535 PT, OM into lengthy polemics complete w/enthusiastic crowd cheers & chants, ment o/Ecuador, IDs, fgy info, martial mx. (Jordan 8/2)

9553v EQ.GUIN. Int'l Svc 2130-2200* EG/SP, OM into sermon, 2142 into a lively flamingo type mx, 2149 ID&ann in SP, then more mx; full ID 2157 fol'd by martial NA to 2200* (Jordan 7/11)

9560 E.GERMANY RBI *0200-0243* EG, nx, tx abt town of "Halle", Mailbag, Weekend Magazine (Krist-VA 7/14)

9565 RWANDA Deutsche Welle relay *0100-0150* EG, nx, "Sunday Show", cmtry on Euro telecommc., "The Classics" (Krist-VA 7/14)

9575 ITALY RAI *0100-0120* EG, nx by same ol'YL, reggae/disco mx (Krist-VA 7/19)

9575 SPAN.MOROCCO R.Medi Un 2140-2202 FR/AR, almost all rock mx, nx at 2200 (Tuchscherer 7/26)

9585 TUNISIA RT 2030-2100 lang? Mournful wails & chants, AR instr into slo paced txs 2045, fol'd by "Casbah" type mx (Jordan 7/27)

9590 SEYCHELLES FEBA R. 1530-1611* EG, ID, "All Kinds of Mx" request show (fr. Cliff Richards to The Cars), nx, s/off (Park-HI 7/26)

9610 SIBERIA R.Orbita (per RDI) 1708 RS, clasc & ethnic mx done live; lots of balalaika //9795; good (Park-HI 8/2)

9620 E.GERMANY RBI *0330-0412* EG, nx, cmtry on sports events, rpt on GDR's links to atomic energy agency (Krist-VA 7/12)

9620 NEW ZEALAND RNZ *1030 EG, IS, ID&freqs, tx on US space pgm (Krist-VA 7/17) 1145-1205 EG, Male vocalist sings, fast paced instr. mx, piano mx, nx, hvy QRN at 1205 (Bonnet-IN 7/17)

9630 SPAIN SFR 0017 EG, rpt on SP Festival, mx, "Panorama" (Krist-VA 7/18) 0011-0100 EG, "Sports Round-Up", "Press Review", Travel pgm to La Mancha, "SP Hit Parade"; f (Dillon-MD 7/13) 0550 EG, DX program (Magick 7/14)

9630 NETH.ANT. RNW 0742 EG, "Newslines", "Media Network" at ANARCon 86 in Montreal w/elevator mx by Howard Jones (hi); f (Park-HI 7/24)

9640 ANTIGUA DW 0327 EG, sports, "Science Magazine" on decline of forests & rise o/mtn erosion, //9565; g (Park-HI 8/5)

9640 U.A.E. R.Dubai *0330 EG, (hrd under DW), nx, weather, "The Holy Prophet" //11940 (Hill-MA 8/7)

9645 GABON R.Japan rel *2300-0030 EG, nx, "Current Affairs", rpt on situation in Burma on "Asia Now" (Krist-VA 7/15)

9650 CANADA RCI 1210-1230 EG, sports tx, stock market rpt, Wnx, Up-coming pgms, FR 1224-1230 (Bonnet-IN 7/24)

9660 AUSTRALIA ABC VLQ-9 Brisbane 0750-0803 EG, clasc mx, YL w/intvu, 0800 TC, ID, nx (Cucura 7/17)

9660 VENEZUELA R.Rumbos 1127-1135 SP, nx items w/chimes betw ea., ID 1130 fol'd by string o/ads & ancmts (D'Angelo-PA 7/10) 2223 SP, music, ID (Magick 7/19)

9665 MALAYSIA RTM 1445 EG, Hour #2 of "American top-40" w/sub for Kasem on June 14 pgm; ID, Iglesias mx, //7295 (Park-HI 7/29)

9682 MEXICO La Q de MX 1803-1811 SP, MX mx, ads, ID, p (Giella 7/30)

9690 ARGENTINA RAE 0150 EG, mx to 0155 fol'd by stn time & freq
info, long ID 0200, then bcst in SP (Jones 7/30) 0402 EG,
pgm details, "Nx fr. Buenos Aires" (Krist-VA 7/26)

9695 BRAZIL R. Rio Mar 1836-1853 PT, SAM pops & love ballads, ID 1850
p sig (Giella 8/9)

9695 JAPAN RJ 1405 EG, nx (Magick 7/15)

9700 AUSTRIA R. Austria Int'l *0128 EG, "Austria Calling", nx&Wnx
(Krist-VA 7/26)

9700 BULGARIA R. Sofia 1837 EG, econ tx, "Events & Developments",
cmtry on disarmament (Krist-VA 7/25)

9705 MEXICO R.MX Int'l 1813-1820 SP, tx, ads, ID; p (Giella 7/30)
0330-0350 SP, IDs, freqs, lively F vocals w/orch, lite txs w/
some laffs; poss nx briefs 0345; fair (Jordan 8/1)

9715 N.KOREA R.Pyong. 1000 KR, IS&ID, NA, ann, frqs, nx; f (Park-HI 7/25)

9725 SWITZERLAND SRI 0200-0230 EG, tx: OPEC, Int'l Film Comedy Fest.,
Polka mx (Bonnet-IN 8/6) 0215 EG, DX pgm, SW mx (Cucura 7/20)

9730 CHINA RB 1350 EG, s/son, ID, freqs (Magick 7/15)

9730 E.GERMANY RBI *2345-0028* EG, nx, item on nuclear freeze zones,
cmtry on job training, GDR Kaleidoscope (Krist-VA 7/15)

9735 PARAGUAY R.Nac. 1028-1105 SP, much lcl mx, nx at 1030 & 1100,
many IDs, sio 433 (Hoffman-PA 8/4)

9750 S.KOREA R.Korea 1400 EG, s/son, nx (Magick 7/15)

9755 CANADA RCI 0121 EG, item on stopping to smoke, rpt on SP war
before WW II (Krist-VA 7/19) 0304 EG, nx, probably "SWLers
Digest" but can't tell w/xmtr hum; very poor sig (Park-HI 7/27)

9755 SIBERIA R.Tikhly Okean 0744 RS/EG, tx, ID, EG cmtry 0747, back
to RS 0751, //9635, 9820, 9905; p (Park-HI 7/19, also Allen-OK)

9770 AUSTRALIA RA 1034-1057 EG, "RA Top Hits" (Krist-VA 7/20)

9770 AUSTRIA RAInt'l *0130 EG, "Rpt fr Austria", nx (Krist-VA 7/19)

9795 SIBERIA Mayak R. 1640 RS, Live cmtry fr Goodwill Games, long
pause for some reason at 1644-1646, //9610; f (Park-HI 7/18)

9830 BELGIUM BRT *0030-0056 EG, "Brussels Calling", "Belgium Today",
"Industry & Technology" songs (what?--ed) (Krist-VA 7/19)

9835 HUNGARY R.Budapest *0100-0127* EG, Nx, "Magazine 90" (Q&A type
pgm) (Krist-VA 7/26) *0100-0128* EG, "Int'l Newsroom", items
USSR troops pull-out fr. Afgh, US/Nic, etc (Jordan 7/29)

9840 KUWAIT R.Kuwait 1848-1918 AR, AR mx w/chorus, ID, 1900 Wnx, then
"The Wld of Islam" pgm; f (Dillon-MD 7/14) 2150-2214 AR, AR mx
to 2200 ID, nx, 2205 recit fr Quran; sio 454 (D'Angelo-PA 7/5)

9852 USA WHRI 0102 EG, Christian "pops", ID, "Onward Christian
Soldiers" (Dillon-MD 7/27) 0115 EG, rel pgmg, hymns, Bible
quotes; sio 545 (Bauernhuber-NY 7/12)

9870 ECUADOR HCUB 0032-0059 EG, great Andean mx, "Here & Now"
(Dillon-MD 7/21) 0626 EG, nx rev's, "Sounds of Joy" Christian
pops; fair reception (Park-HI 7/17)

9870 SAUDI ARABIA BSKSA 2050-2130* AR, telephone intv's, DJ w/AR mx,
clr ID w/freqs 2129, heavy QRN, poor (Dillon-MD 7/19)

9880 BELGIUM BRT 0910-0930* EG, R.Wld DX pgm; g (Hoffman-PA 7/26)

9905 SIBERIA R. Tikhly Okean 1840 RS, Magazine pgm incl. mx, but no
EG cmtry; time pips & "Vremya"; poor (Park-HI 7/12)

9940 CLAND. R. Camilo Cienfuegos 0020 SP, US & Brit pops, ID&bells at
0030, fol'd by nx of MX elections, S.Afr, etc (Weiss-OH 7/28)

9940 CLAND. LV del CID 2215-2310 SP, mxcl pgmg; rechecked betw 2240-
2250 & hrd Dutch(?) under lots of static & much poorer sig--
presume R. Free Surinam. Around 2300 CID w/nx. Presume that
CID relays RF Surinam, so why the drastic drop in sig? Direc-
tional beam? (D'Angelo-PA 7/10)

9950 SYRIA R.Damascus 2105 lang?, nx, lcl mx, cmtry (Bauernhuber-NY
7/11) 2140-2202 lang, W vocalist, instr.mx, EG annmt 2200,
instr.mx, gp vocals, M group vocals--nice. (Bonnet-IN 7/20)
2150-2205* EG, pgm o/lcl mx, 2201 ID, short Wnx, NA (Cucura 7/15)

9955 TAIWAN WYFR via VOFC 1654 RS/EG, singing w/guitar; ann & adr;
slo EG Bible reading; not in WRTH nxletter; p (Park-HI 7/8)

10010 VIETNAM VoV 1100 Cant, NA, band mx, ID, nx; p (Park-HI 8/4)

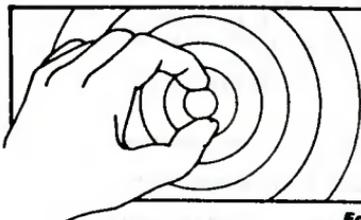
11490 UnID Vo Unity? (probably--ed.) 2203-0241 AR?, long txs, no ID,
ment o/Afgh, also gunfire; g sig (Giella 7/24)

11550 TAIWAN WYFR via VOFC 1550-1601* EG, "Bible Quiz" (Park-HI 8/1)

11650 PR.CHINA RB *1201-1231 EG, nx, cmtry, "CHANthology" (Krist-VA 7/20)

11694 VENEZUELA R.Nac. 1822-1830 SP, lcl mx, econ tx, ID (Giella 7/30)

***Thanks again to all who submitted log reports. Keep up the good
efforts for the new editor. Here's wishing you, as Dr. Ruth would say,
"Good DX." .pmd.



LOG REPORT

section D

11700 and above

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

- 11695 VENEZUELA R. Nacional in SP 0016-0057*, LA songs, ID's, mx, choir mx, "Festival de Montpelier" (Klein WI 7/21, Tuchscherer WI 7/30)
- 11700 FRANCE RFI in EG 0420, mx, into FR 0430, //9800 relay (Laskowski IN 7/19)
- 11705 SWEDEN RSI in EG 2300, details of "Stockholm Conference" (Blanchette FL 7/19)
- 11705 FRANCE RFI in EG 1630, "Paris Calling Africa" (Davisson OH 7/20)
- 11720 BULGARIA R. Sofia in EG 2306, political commentaries (Levison PA 7/14)
- 11735 GUAY KWAN in EG 0756-0826, free Bible offer, religious pgr. (Park HI, Plur NJ)
- 11735 ZANZIBAR(t) R. Tanzania in SH 1647-1715, conversation by M&K to 1657; instrum'l mx to 1700 ID & IS(p) followed by mx pgr., p (D'Angelo PA 7/13)
- 11740 SWAZILAND TWR in EG/vern 1525, handbell IS, ID's in EG/vern, relig pgr. (Park HI)
- 11740 NETHERLANDS RN in EG 2035, mx and nx (McElvy VA 7/5)
- 11745 BRAZIL P. Bras in EG 0210-0249*, expressive mx, comtry, recipes, EG annmts & PT vocals (Dickson OH 6/27, Bonnet IN 6/6)
- 11745 DENMARK RD in EG/DN 2300, ID in EG, mx in DN, reports (Weiss OH 7/21)
- 11761 COOK ISLANDS RCI in EG 0550-0605, U.S. pop tunes, ID, p (Jordan PA 8/2) in Maori 0535-0558, request pgr., island mx, TC (Cucura 7/17) rock mx 0520 (Hoffman PA)
- 11770 YEMEN(t) DYBS in AR *1900, IS of bells & AR song & mx (Weiss OH 6/6)
- 11775 CANADA BBC relay in EG 1710, "A Day in the Life of Jane Gray" (Bauernhuber NY)
- 11780 NEW ZEALAND RNZ in EG C305-0412+, drama, ID, mx, bagpipe mx, wx, TC, opera mx, pop mx, stock mkt rpts (Jordan PA 7/12, Hill MA 8/3, Paskiewicz WI 7/17)
- 11780 BRAZIL RN de Amazonia in PT 2015, fast talking DJ, ID's, p (Dillon MD 7/26)
- 11785 BRAZIL R. Guaiba in PT 0318, futebol, pips on qtr hr, ID's (Paskiewicz WI 7/17)
- 11795 COLOMBIA R. Nacional in SP 0113, LA mx, nx 0115, temp off air (Klein WI 7/21)
- 11810 UNIDENTIFIED 1805-1900 in AR?, chants, wails, didactic tlks, AR type instrum mx, ID?, mentions of India, Libya, & Pakistan (Jordan PA 7/26) might be Pakistan which is listed in Radio Database during this time slot.
- 11815 BRAZIL R. Brasil Central in PT 1516, pop mx, ID 1530, p (Giella TX 7/23)
- 11825 TAHITI RT in FR/TT 0310, local island mx, //15170, f (Hoffman PA 7/17)
- 11900 MARIANA IS. KYOI Saipan in EG 1229, rock mx (Weiss OH 7/19)
- 11910 AUSTRALIA RA in EG 0423, light mx, ID, local mx, sports (Cucura 7/17)
- 11915 BRAZIL R. Gaucha in PT 1536, pop mx, ads, ID 1547, p (Giella TX 7/23)
- 11920 MOROCCO RTWV in AR 2245-0010, many vocals, mx 2300, interview (Weiss OH 7/29)
- 11940 CANADA RCI in EG 0123, "Listener's Corner", p (Park HI 7/21)
- 11965 ALASKA KNLS in EG 1808-1834, Bible readings, ID (Tuchscherer WI 7/25)
- 12000 HUNGARY R. Budapest in EG *0100-0127*, mx, comty, interview re European hang gliding championships (Krist VA 7/26) in EG 0200-0225, tlks, DX pgr. (Dickson OH)
- 12035 SWITZERLAND SRI in AR *1730-1630*, ID, mx, AR instrum mx, vg (Jordan PA 7/1)
- 12050 EGYPT R. Cairo HS in AR 1815-1845, Qur'an recit, ID, world mx (Dillon MD 7/14)
- 12085 SYRIA R. Damascus in EG 2022, mx & mx (McElvy VA 7/5)
- 13605 USSR R. Yerevan in AM? 0252, ID 0258, symphonic & piano mx (Klein WI 7/7)
- 13650 IRAQ Voice of the Masses in AR *1700, NA, ID, mx, vocal mx (Thunberg PA 7/24)
- 13660 USSR R. Peace & Progress in EG 1630-1700, mx, polit activity (Jordan PA 7/20)
- 13755 USSR R. Moscow in RS 1725, classical mx, exc (Bauernhuber NY 7/13)
- 13785 USSR R. Peace & Progress in CP 1126, ID; IS (horns), tlks, p (Park HI 6/6)
- 15020 UNIDENTIFIED pgr. in AR 0930, Mideast mx, f (Hill MA 7/15) ED: July FRENCH lists R. Damascus on this new frequency.
- 15064 IRAN VOIRI in Farsi 0250, reading from Holy Koran, mx briefs, into AR 0300, f (Hoffman PA 7/17) in EG 1113-1125, holy readings, ID, IS (Allen OK 6/2)
- 15105 MOROCCO RTWV in AR 2100-2131, tlks, local mx, Qur'an recitations, ID 2130 (Tuchscherer WI 7/13, Giella TX 7/30)
- 15120nf IRAQ R. Baghdad in G? 1947, Mideast mx, ID, NA, open carrier until s/on at 2001 w/pgr in EG (Thunberg PA 7/30) in EG 2005 w/mx, ID, nx, polit comty (Weiss OH) also in EG 2130-2153, ID 2130, AR mx, Mideast mx, skeds, NA, f (Dillon MD 7/20)
- 15125 SPAIN REF in SP/dialects 2240-2333*, interesting pgr. mix, mx 2300, exotic mx, pips, ad, mx in dialects, c to vo (Jordan PA 7/11)
- 15150 NEW ZEALAND RNZ in EG 0124-0334*, mx, bird IS, ID's, US oldies, musical comedy pgr. (Magick 7/21, Klein WI 7/21, Dickson OH 7/12, Hill MA 7/20)
- 15165 DENMARK RD in DN 1255, IS, ID's in EG/DN, mx, f (Hill MA 7/16)
- 15170 TAHITI RT Papeete in FR/TT 0245, pop mx, ID, island mx, int'l rock mx, short chats between songs, //11825 (Hoffman PA 7/17, Cucura 7/17)

- 15180 CHINA R. Beijing in SP 0220, nx, ID 0224, f/static (Dickson OH 7/12)
- 15190 MARIANAS KYOI Saipan in EG/JP 0730, rock mx, ID's (Hoffman PA, Hill MA 7/27)
- 15200 BRAZIL R. Nac. de Amazonia in PT 1640, fast talking anncr, ID's (Jones TX 7/6)
- 15220 SOUTH AFRICA RSA in EG 1461, nx, ID, "Story of Johannesburg" (Park HI 7/13)
- 15245 ZAIRE LV du Zaire in FR 2207, not mx, audible after VOA s/off 2200 (Tuchscherer) also in FR 2210 w/hi-life mx, religious discussion (Klein WI 7/28)
- 15249 ROMANIA R. Bucharest in EG 1303, nx, cmnty, ID's, tlk on Romania (Cucura 7/16)
- 15310 NORWAY RNI in EG 1400-1429, intc relig pgs in NO 1429 (Davisson OH 7/27)
- 15310 BULGARIA R. Sofia in BG *2100-2129*, IS, ID, nx, mx interlude (Jordan PA 7/11)
- 15320 AUSTRIA ORF in EG 1240, classical mx, features, nx, ID, s/off 1256 (Cucura 7/16) in EG 1235 w/tlk on Bible school mx, Viennese mx & other features (Bonnet IN)
- 15345 SWEDEN RSI in EG 1406-1422, tlk re receivers, ID, features (Cucura 7/16)
- 15350 MADAGASCAR RN relay in IN 1229, electric piano IS, mx, nx, q (Park HI 7/12)
- 15365 CANARY IS. REF relay in SP 2310, nx, sports, ID 2323, f (Dillon MD 7/27)
- 15375 SPAIN SFP in EG 1646, nx, "Friday Music Break", songs (Krist VA 7/25) ED: This station is not listed in any of my sources. Has anyone else heard it?
- 15395 AUSTRALIA RA in EG 2215-0110+, tlk on Vietnam's current leaders, songs, ID, nx "Window on Australia" (Krist VA 7/18, Davisson OH 7/21, Magick 7/19)
- 15400 FINLAND RF in EG 1115, letters from listeners, ID, freqs (Cucura 7/15)
- 15405 USSR R. Moscow in Lang? 1342, cmnty, interlude, ID, tlks, pop mx (Park HI 7/13)
- 15425 USSR R. Moscow in EG 0325, propaganda re US-Nicaragua (Hoffman PA 7/20)
- 15440 TAIWAN WOFC in FR 2016, cmnty on Mac, female vocals (Levison PA) in EG 2220 with feature on ice cream in China (Magick 7/19)
- 15460 COSTA RICA AWR in EG 2158-2216, continuous relig mx, rec rpts (Klein WI 7/14)
- 15465 MOROCCO R. Monte Carlo in AR 1430-1504*, DJ w/Euro pop & uptenc US mx, nx 1500 ID's 1445 & 1457, AR & jazz mx (Jordan PA 7/12) in AR 1325-1355 w/US pop mx, ID in EG (Cucura 7/16) ED: My apologies for listing this one as Monaco last month!
- 15505 KUWAIT RK in AR 1541-1602, chants, tlks, nx, ID, Mideast mx (Tuchscherer WI 6/2) also in AR 1550-1630+, AR mx, jaunty vocals, ID 1603, interview (Jordan PA 7/30)
- 15525 BANGLADESH RE in EG 1228-1300*, IS, ID, nx, history, vocals (Paszkiwicz WI) also in EG 1228-1246, IS 1230, ID, freqs, world mx, cmnty, mx (Cucura 7/15)
- 15575 SOUTH KOREA RK in EG *1900, ID, nx, cmnty on China's econ reforms (Hill MA 7/19) also in EG 0030, details of "Us and You" contest, mailbag (Krist VA 7/20)
- 15585 SWITZERLAND SRI in EG 1103-1130*, nx, ID, "Dateline", mx (Krist VA 7/19)
- 15630 GREECE VOC in EG 1536-1550, GR mx, nx, //11645 (Tuchscherer WI 7/17)
- 17590 USSR R. Moscow FE in EG 0426, "Music of Goodwill", nx, rock mx (Park HI 7/17)
- 17620 FRANCE RFI in FR 1235-1301, Sitar mx, CTH ID, FR pop mx, Afr nx (Dillon MD 7/26)
- 17715 UNITED KINGDOM BBC in AR 1537-1600, AR mx, ID at 1545, //15180, f (Dillon MD 7/26)
- 17720 FRANCE RFI in FR 1600-1630, world rx, sports rpt, children's songs (Dillon 7/26)
- 17750 AUSTRALIA RA in EG 0335, sports, pop mx, ID's, TC, nx (Hoffman PA, Cucura 7/20)
- 17780 ITALY RAI in IT 1659-1720, bird IS, ID, target Africa, vp (Dillon MD 7/26)
- 17795 AUSTRALIA RA in EG 0110-0200, "Window on Australia" (Bonnet IN 6/5) in EG 0136 w/EZL mx (Jones TX 7/7) in EG 0226 w/German mx (Krist VA 7/12) in EG 0236-0248 w/pop tunes, tlk, ID (Cucura 7/17) in EG 0430 w/pgm on Aborigines (Magick 7/18)
- 17825 JAPAN RJ in JP 0130, nx, cmnty, ID (Hoffman PA 7/17) in EG 0215-0235 w/pgm on Japanese elections & political parties, ID, //15195 (Cucura 7/17)
- 17845 USA WOFC via WYFR in EG 2233, cmnty on transportation and taxis in Taiwan, CH Lesson (Levison PA 7/19) in EG 2115, w/children's story (Hoffman PA 7/9) ED: We listed this one as WOFC Taiwan in the July issue. It was reported that way and I apologize for not double checking available sources. Rushed, I guess! It will be a big help if reporters can double check themselves before mailing logs.
- 17860 RWANDA DW relay in EG 2000, mx, tlk, discussion on symphonies (McElvy VA 7/12)
- 17865 USSR R. Moscow in EG 0245, RS lang course, //17850, 17860 (Hoffman PA 7/20)
- 17870 UNITED ARAB EMIRATES R. Dubai in EG 1330-1350, nx, local mx, mx (Jordan PA 7/13)
- 17879 LIBERIA VOA relay in EG 1723-1810, tlk, "Sound of Soul", nx, f (Dillon MD 7/26)
- 17875 CANADA RCI in PL 1610-1830, nx, ID, current affairs, sked, ID (Dillon MD 7/26)
- 17895 LIBYA R. Jamahiriya in AR 1500-1605+, wails & chants, nx, AR mx, ID (Jordan PA) in AR 1520-1955, speech on AR nationalism, ID 1940, p (Dillon MD 7/27)
- 21480 MADAGASCAR R. Netherlands relay in EG 1137, "AsiaScan", vp (Park HI 8/6)
- 21485 VATICAN STATE VR in EG *1115-1129*, nx, interview, f (Krist VA 7/20)
- 21710 UNITED KINGDOM BBC in EG 1245-1415, xmen to Africa, tlks, sports pgs, world nx, lots of African mx, //12095, 15070, 15420, 17705, 17790 (Jordan PA 7/18)
- *****



FRENDX LOG REPORTERS

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FRENDX CONTRIBUTORS LIST --- SEPTEMBER 1986 ISSUE --- DEADLINE, 12th of MONTH

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South Euclid, OH. (RFB600).

Ladies & Gentelman, as many of you have noted, July was not a good month here. I was hospitalised twice for Surgical procedures and on July 20th lost the one woman who actually got me started in the radio hobby, my loving mother, I'd like to dedicate this column to her, MARGARET K. HENAUULT-KERR, May she forever Rest in Peace.

To those of you who are wondering what happened to Log "A" in the last issue, it seems the old USPS Gremlins were active again, poor Mike Harris received the contributors package on August 2nd in a plastic bag marked "Damaged by USPS in handling, looks like lots of good loggings went through something that resembled a shredder. Good old USPS at its best hi.

I'd like to thank Abe Lewkowicz for filling in for me here in this slot and at this time I'd like to Welcome Chris Lobdell who is filling in this month for Jerry Berg in LOG "B" column. Chris is well known in the hobby and I'm sure you will be satisfied with his work, many thanks to both Abe & Chris. You may be seeing Abe doing duty here again in the October Issue as the Police Dept. that employees me has plans to send me back to Smith & Wesson's Firearms School for continuing training in the Armorer section on Full and Semi-Automatic Weapons. We are in the process of outfitting the entire Dept. with new weapons and prior to their issue, either myself and/or another Officer assigned to the Firearms Training section has to be trained by S&W in Maintenance & Repair of these new weapons.

There is some good news to relate to you fine folks in this column this month, first off, I'd like to take the opportunity to Congratulate contributor Kevin Klein, seems that Kevin was the first place winner in the International Radio Contest and his prize was a nice ICOM R71A, nice going Kevin and Good Luck with that new receiver, they certainly are nice DXing machines.

Secondly, old friend and fellow contributor Tom McElvy of the Old Dominion DXers informs us that the ODDX Bulletin Board is back up and running again, will work with either 300 or 1200 baud, settings are 8-N-1 and they are able to work almost all computers on their BB. Tel.# for the BB is 804-596-2710. Contact ODDX for further information on the BBS. Good luck to Tom and the rest of the ODDX crew.

Hopefully the USPS Gremlins will stay clear of this months mailings my friends and for those of you who should have seen their names in the August issue and did not, please accept my sincere appologies. To those who sent the Get Well Messages, my personal thanks. See you again here in 30 days or so if all goes well, if not, see you in 60.

Best

ENGLISH LANGUAGE SW BROADCAST SCHEDULES: By Country

Start Time (UTC)	End Time (UTC)	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Freq #8	Freq #9	Freq #10	Target Area	Notes	Record Last Updated
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** COUNTRY: Albania

* STATION: R Tirana

0000	0030	9760	7065									NA		08/07/86
0130	0200	9760	7120									NA		08/07/86
0230	0300	9760	7120									NA		08/07/86
0330	0400	7300	6200									NA		08/07/86
1630	1700	9480										Eu		08/09/86
1730	1800	11985										Afr		08/09/86
1830	1900	9480	7065									Eu		08/09/86
1930	2000	9500										Afr		08/09/86
2030	2100	7065										Eu		08/08/86
2200	2230	9480	7065									Eu		08/07/86

** COUNTRY: Cuba

* STATION: R Havana

0400	0500	9740	6190	6140	6100	6090	5970					Americas		08/22/86
0500	0600	9740	6190	6100	6090	5970						Americas		08/22/86
1830	1955	11795										Eu		08/22/86

** COUNTRY: Fed Rep Germany

* STATION: R Deutsche Welle

1130 1200 21600 17800 17765 15410
1500 1550 17825
1800 1850 11785

Afr
Afr
Afr

08/08/86
08/09/86
08/09/86

** COUNTRY: German Dem Rep

* STATION: R Berlin Int'l

0115 0200 9730 6080
0200 0245 9620 9560
0330 0415 9620 9560
2045 2130 11725 6125
2200 2245 6165 6125 6070
2300 2345 9730 6080
2345 0030 9730 6080

EMA
WNA
WNA
EMA
EMA
EMA
EMA

08/19/86
08/19/86
08/19/86
08/19/86
08/19/86
08/19/86
08/19/86

** COUNTRY: Greece

* STATION: V of Greece

1235 1243 17565 15630
1540 1548 17565 15630

NA
NA

Eng news 08/09/86
Eng news 08/09/86

** COUNTRY: Hungary

* STATION: R Budapest

1600 1630 12000 11910 9835 9585 7220
2000 2030 12000 11910 9835 9585 7220

Eu
Eu

08/09/86
08/09/86

** COUNTRY: Iran

* STATION: R Tehran

08/09/86

** COUNTRY: South Africa

* STATION: Radio RSA
2100 2155 11735 7270 4810

W&C Afr

08/26/86

** COUNTRY: Spain

* STATION: Sp Foreign Radio
2200 2300 9620 7105 6020

Eu

08/24/86

** COUNTRY: USA

* STATION: KCBI
1658 2000 11735

may move to 11790

08/22/86

* STATION: WHRI
0100 0300 9852
1100 1300 5995
1500 2100 15105
2100 0100 9770

07/29/86

08/22/86

08/22/86

08/22/86

* STATION: WRNO
2230 2400 9852

may move to 9650

08/22/86

** COUNTRY: USSR

* STATION: R Moscow
2200 0300 11850 9880 9865 9610 7400 7175 7115

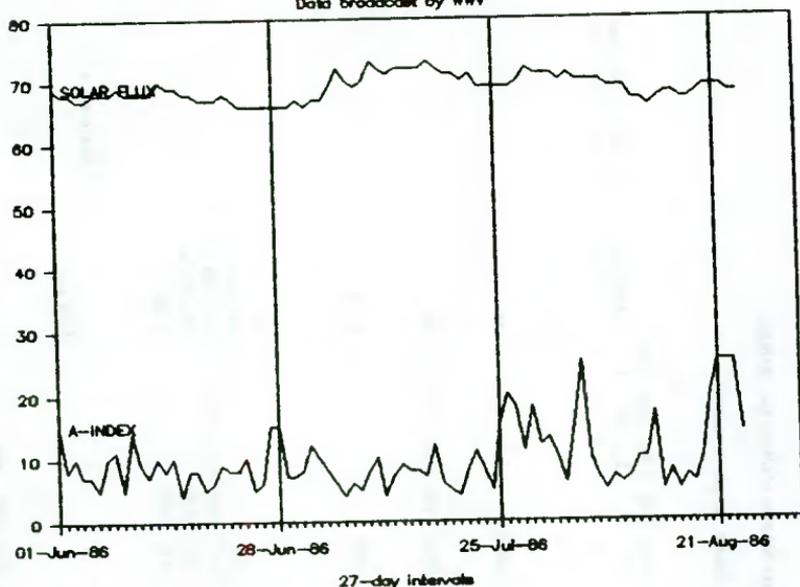
MA

audible at s/on

07/29/86

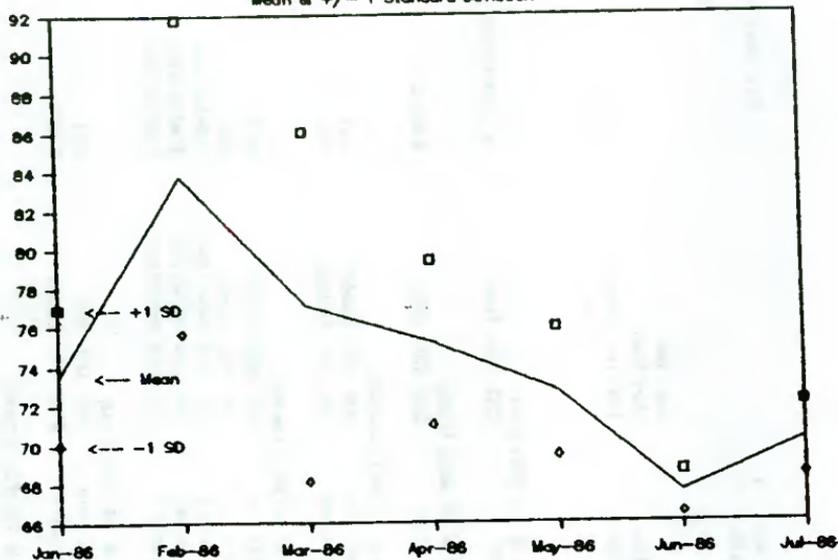
SOLAR FLUX & A-INDEX: Jun - Aug 86

Data broadcast by WWV



SOLAR FLUX: 1986

Mean & +/- 1 Standard Deviation



This report covers changes entered between 07/24/86 and 08/26/86.

ENGLISH LANGUAGE DI SHOWS: By Day of Week

Shortwave DI Program	Show Name Start Time	Start Time	Zone	Country	Station	Freq 01	Freq 02	Freq 03	Freq 04	Freq 05	Freq 06	Freq 07	Target Area	Notes re DI Show	Record Last Updated
** DAY OF THE WEEK: Sunday DI Spot	2245	2200	Spain	Spain	Sp Foreign Radio	9620	7105	6020					Eu		08/24/86
** DAY OF THE WEEK: Tuesday DI Program	2250	2200	USSR	USSR	R Moscow	11850	9880	9845	9610	7400	7175	7115	NA		07/31/86
** DAY OF THE WEEK: Wednesday DI Party Line	0930	0700	Ecuador	Ecuador	HCJB	11925	9745	6130					S Pac		08/25/86
DI Party Line	2130	2130	Ecuador	Ecuador	HCJB	17790	15270						Eu		08/25/86
** DAY OF THE WEEK: Thursday DI Party Line	0230	0200	Ecuador	Ecuador	HCJB	9870	6230						NA		08/25/86
DI Party Line	0630	0500	Ecuador	Ecuador	HCJB	11910	9870	6230					Americas		08/25/86
Media Network	1150	1130	Netherlands	Netherlands	R Netherlands	21480	17605	17575	15560	9715	5955		Eu/NE/As		08/22/86
Media Network	1850	1830	Netherlands	Netherlands	R Netherlands	21685	17405	9540	6020				CES Afr/Eu		08/22/86
Media Network	2050	2030	Netherlands	Netherlands	R Netherlands	11740	9895	9715	9540				W Afr		08/22/86
** DAY OF THE WEEK: Friday World of Radio	1930	1658	USA	USA	KCBI	11735							NA/W Eu	New time...	08/22/86
R Sofia Calling	2315	2300	Bulgaria	Bulgaria	R Sofia	15330	11720								07/29/86
** DAY OF THE WEEK: Saturday SW Club	2015	2000	Hungary	Hungary	R Budapest	12000	11910	9835	9585	7220			Eu		08/09/86

A NASWA EXCLUSIVE

August 26, 1986

The database listings in August's *Frendx* have been modified slightly to fit the reduction and printing requirements of the publisher. In the updates this month, you'll notice a notes and date column that had to be dropped in the first run.

Delete the following from the August listings:

SCHEDULE

China at 0200 and 0500.
Hungary at 1400.
Gabon at 1500.

DX SHOWS

England on Sat at 1945.
Hungary on Fri at 1415.
All Radio Connection shows on KCBI.

Radio Connection seems to have completely disappeared from KCBI, and Hauser's *World of Radio* has moved up 30 minutes on Friday. On August 22, Glenn also announced possible new frequencies for WRNO and KCBI in September. On August 25, HCJB announced reinstatement of the Wednesday edition of *DX Party Line*.

Thomas R. Sundstrom
PO Box 2275
Vincentown
NJ 08088-2275

The SOURCE: BCF 811
CompuServe: (send via MCI Mail ID)
MCI Mail: 244-6376
Packet Radio: W2XQ @ WB2MNF

DXing WITH A ICF-2010 ?

AUTOMATE YOUR CASSETTE RECORDER WITH THE CC-2020 CASSETTE CONTROLLER.

Up until now there hasn't been any provision for connecting the 2010's timer to a cassette recorder for automated recording. NOW THERE IS !!!

Using the CC-2020 with either a 2010 or 2002, gives you, that flexibility of automated SW cassette recording.

How?

The CC-2020 links the timer in the ICF-2010 or the 2002 by a submini plug going to the remote control jack of a cassette recorder. This enables you to make cassette recordings of shortwave programs no matter what time or frequency they may be broadcast just by setting the timer on board the 2010 or 2002.

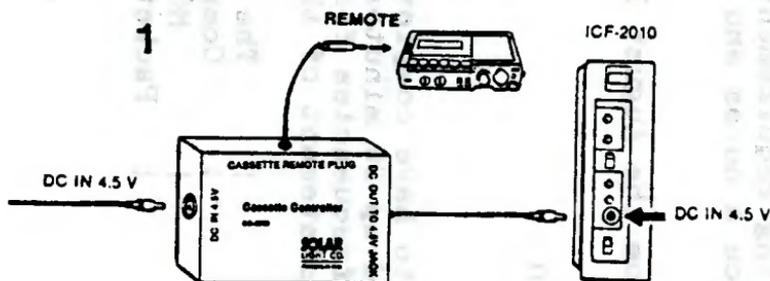
No disassembly of the receiver is necessary.

Requires a cassette recorder with remote jack, a Sony ac adapter or equivalent dc power supply, and an audio patch cord between the 2010 tape output jack and the cassette mic. input jack.

The price is \$34.95 plus \$3.00 for shipping. Includes twelve month warranty. Audio patch cords, mini plug to mini plug are available at time of order for \$2.00. Dealer inquiries and club purchases invited.

SOLAR LIGHT CO. 6720 N. 11th ST. PHILA. PA. 19126. USA. TEL: 215-548-4747.

CONNECTIONS



2



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SWL'S DATABASE+

A single disk database for the Commodore 64, Commodore 128 (in 64 mode) and SX-64 computers, SWL's Database+ is an improved version of SWL's Database which allows you to keep tabs on target or favorite stations. It provides scheduling information and propagation data so that you can select the best possible listening times and frequencies. As with any database, you can update, delete or add new data.

Improvements over SWL's Database include:

1. Over 300% speed increase in database disk creation.
2. 15% to 30% speed increase in the various search modes.
3. NEW SCAN MODE to scan all listings for a time or station.

When you Load and Run the program, the world map clock menu appears. The clock gives local time in 24 hour format, GMT, and a changing display of the times for 9 major cities throughout the world. The sun appears on the world map and moves from east to west hourly in relation to the time of day. The sun also appears above or below the equator in relation to the season. At the top of the map clock, the name of the database in the drive is given. To the right of the map clock, the menu choices appear. From the map clock menu you can choose to enter the search and scan mode, propagation prediction mode for stations not in the database (propagation prediction is automatically available for stations found through individual search mode) and a housekeeping function to update the database or create new databases.

The individual search modes include search by time, station or combination of time and station. When a station is found, the data printed on screen includes: time, frequency, station name, transmitter location, target area and days on. From this screen several options are offered including: continue search, hardcopy, propagation prediction and return to main menu. If propagation prediction is selected, data on distance, bearing, solar indices, sunrise-sunset and darkness path are given. From this screen you can: hardcopy, return to station listing or compute the MUF. If MUF is selected, you can choose to compute MUF for a single hour or the entire 24 hour period. Print-out is also available.

For database scanning, there are three modes: current time, other time and station. The user can scan all listings in the database for current or some other time. The database can also be scanned for all listings for a particular station. In the scan mode, limited information is given including: time, station name, days on and frequencies. You can hardcopy the data found through scanning.

Using the update data files function you can: read individual files (each file covers an hour of the day), write to the file for updating frequencies and times or to add and delete stations. The program enables you to create your own database disks. This allows you to create an infinite number of databases such as: clandestines, latins, Indonesians, etc. There are also functions to read the disk directory, initialize a disk or validate a disk. (By the way, the program creates a database that holds 1200 station listings.)

The program is compiled into 'P' Code using BLITZ! (C) which increases the speed of all program operations. In addition to the program, an English Stations to North America Database is included on the disk.

SWL'S DATABASE+ is offered only on disk with instructions and English Stations to North America Database for \$10 in the US and Canada or \$12 airmail overseas (US dollars please) from:

Bill Cole
107 Charles St.
N. Cape May, NJ 08204

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PUBLISHES *FRENDX* MONTHLY

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NASWA, 45 Wildflower Road, Levittown, PA 19057, U.S.A.



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

UPDATE SUBSCRIPTION RATES PER YEAR:

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

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

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

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