

FRIENDS

RECEPTION VERIFICATION:
Your report of reception from

November 7, 1972

Thanks for your co-operation.

Remarks:



Radio Canada
International

This confirms your reception on

March 22nd 19 70

FROM 3:08-3:27 PM EST

CFRB • 1010
20,000 watts

CKFM • 99.9
500,000 watts in FM Stereo

CFRX • SHORT WAVE
6.87 MHz 1.70 mwatts (transl.)



CFCN

CHU

DOMINION OBSERVATORY
OTTAWA CANADA

THANK YOU FOR YOUR
REPORT OF THE DOMINION
OBSERVATORY'S VOICE
TIME SIGNAL ON:

3330 kc.
7335 kc.
14670 kc.



The
Canadian
Broadcasting
Corporation

is pleased to verify your reception
on August 22 19 70

Station **CFRN**

Frequency **6.160 MHz**

Power **300 Watts**

This station is on the
CBC Newfound) and

Per **STL** Network

Date **Sept. 9/70**

SUPER-COUNTRY
CKFX
6080 kHz

CONFIRMATION OF RECEPTION

SERVICE
METEOROLOGIQUE
C 1671-1971
1971

FREQUENCY 6150 MHz

DATE April 28, 1971

TIME 4:59 PM. AST

Operating Schedule - 24 Hours Daily.
GOOD LISTENING!

Andree Board

CHNS

CHNS - 960 KHZ.
10,000 W.
CHNX - 6.13 MHZ.
300 W.
CHNS-FM - 96.1 MHZ.
19,500 W. E.R.P.



MARCONI RADIO-TV

CFCA AM	600 kHz	5,000 watts	
CFOR-FM	92.5 MHz	41,500 watts	500
CFCT-TV	Channel 13	315,000 watts	500
CFCA SHORTWAVE	5003 kHz	500 watts	

WE ARE PLEASED TO CONFIRM RECEPTION
OF CFCK 6080 AM.

on 4/28-29-30-31-1971





ASSOCIATION OF NORTH AMERICAN RADIO CLUBS

November 27, 1987
FOR IMMEDIATE RELEASE

A N A R C
P. O. Box 143
Falls Church, VA 22046-0143
U S A

87/1

Robert Horvitz Named ANARC Executive Secretary

The Executive Council of the Association of North American Radio Clubs (ANARC) has announced that Robert Horvitz will become Executive Secretary of ANARC, effective December 1, 1987. In stepping down, former Executive Secretary Don Hosmer explained, "Increasing business pressures made it impossible for me to give ANARC the time it deserves. I'm sure Bob will do an outstanding job."

The name of Bob Horvitz is well known to those in international broadcasting. He has won widespread respect for his work as ANARC's Government Affairs Liaison. In this position he saw that radio listeners' concerns were made known to the US Congress during drafting of the Electronic Communications Privacy Act of 1986 (ECPA). He not only kept listeners posted on the progress of this legislation, but his persistent lobbying succeeded in reducing the penalties and restrictions the ECPA imposes on receiver owners.

In 1985, Bob organized "The Woodpecker Project" to study the negative impact of pulse radar interference on international broadcasters and their audiences. As head of ANARC's Over-the-Horizon Radar Committee, he brought together the resources of ANARC member clubs to create a worldwide monitoring network to determine the extent of the interference problem. Bob then worked with the US State Department to present his project report in Geneva at the 1987 World Administrative Radio Conference (WARC) for shortwave broadcasting. His presence as an observer at WARC marked the first time that a listeners' organization was formally represented in this important forum.

Because of his dedication and unique abilities, Bob was awarded the 1986 ANARC Award for Excellence. Bob is only one of three people ever to receive this award.

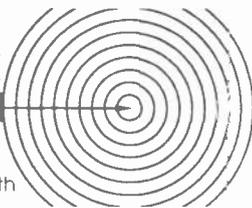
"Passage of the ECPA changed the environment in which ANARC and our member clubs operate," Bob noted. "The right of access to the public airwaves, which we always took for granted, has been seriously impaired. We're likely to see further efforts to regulate radio reception and limit the capabilities of receivers in the years ahead. That means that in addition to promoting closer ties among radio clubs and working for their common good, ANARC must also actively defend the rights of listeners. To do that, we must increase our base of support, strengthen our ties with groups with similar interests, and do a better job communicating the value of our radio activities to the public. Since there's a growing need for an organization like ANARC, I'm confident that we'll be able to attract more support and grow. I look forward to helping that happen," Bob added.

----< E N D >----

DX'ers Forum

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

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



January, 1988

Happy New Year! Lots'a info this month so right into it.

DX'ing



NATIONAL

BROADCASTING

By

COMMISSION OF PAPUA NEW GUINEA

Chuck Rippel and Dr. Harold Cones

During the early years of my DX'ing career, around 1973 - 75, one of the more challenging areas of the world to DX was Papua New Guinea. However, try as we might to hear some of these tough catches, until very recently, our efforts were in vain. NASWA was quick to recognize this challenge and the awards committee issued two awards for DX'ing Papua New Guinea. The *Papua New Guinea DX'er* award is available for those who have heard and verified 10 stations from the region. A *Master Papua New Guinea DX'er* award requires 15 stations from the region to be heard and verified. Stations in Papua New Guinea also count toward 6 NASWA countries:

Admiralty Islands-
Bougainville Islands-
New Britain-
New Guinea Territory-
New Ireland-
Papua Territory-

Radio Manus
Radio North Solomon
Radio East New Britain
Radio East Sepik
Radio New Ireland
NBC, Port Moresby

The purpose of this article is to familiarize FRENDX readers with this most challenging and fascinating area of the world and additionally provide some tips and techniques which might make it's broadcasters easier to hear.

NOTES ON THE REGION: New Guinea is the second largest island in the world and is located in the western Pacific only 100 miles due north of Australia. Here in the Tidewater Virginia area, our cable Television system subscribes to the *Discovery Channel* which has been airing several shows featuring Papua New Guinea. The last one, on volcanos, featured the city of Rabaul located in the northern East New Britain Province. It seems that Rabaul is built around the rim of an ancient, yet still active volcanic crater, known as a Caldera. The residents of Rabaul must be ready to evacuate the city of over 30,000 at a moments notice in the event of an eruption.

The eastern half of New Guinea combines with a multi-island complex to form the country of Papua New Guinea (PNG); the western half forms Irian Jaya, part of Indonesia. The history of this part of the Pacific is a story of annexation by one nation after another. At various times, portions of Papua New Guinea have been "owned" by the Portuguese, the Dutch, the English, the Germans, the Australians and, the Japanese. Papua New Guinea attained independence in September, 1975.

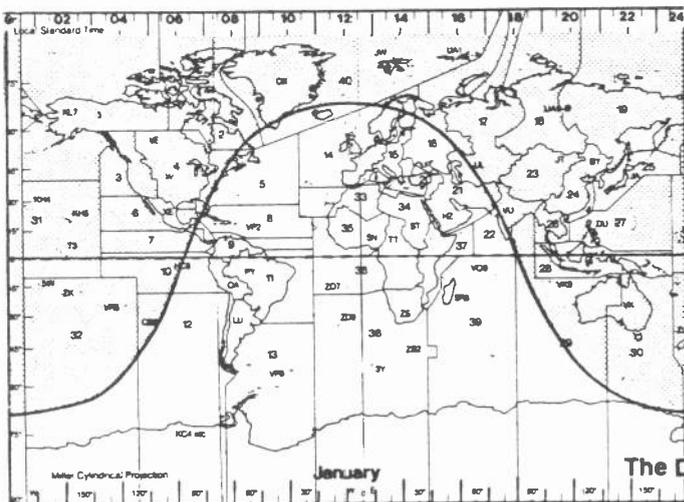
The geological structure of PNG is complex and for the most part little known. The island of New Guinea appears geologically to be the northern extension of the continent of Australia and the circum-Australian mountain system; however, portions of PNG seem to share a geological history with the Indian subcontinent. The eastern islands, New Britain, New Ireland, Admiralty, and Bougainville, are of more recent volcanic activity and are associated with the Pacific "Ring of Fire," an area of intense volcanic activity caused by the spreading of the earth's plates. New Guinea is characterized by high mountain chains in the central part of the island and flattened coastal plains along its margins. Carstensz Top (elevation 16,535'), located in Irian Jaya, is the highest mountain in the southwest Pacific and is a part of the island-long

PNG experiences the typical hot and humid climate characteristics of the tropical regions; but elevation produces a marked lowering of temperature, and the highland provinces have a much modified climate. Rainfall is heavy, typically more than 100 inches annually with some areas receiving many times that amount. November through April is the time of the northwest monsoons, which bring heavy rains and winds. Temperatures in the coastal areas fluctuate slightly around 27°C (80 = F), with the annual range being no more than 8°C. Temperature in the higher altitudes varies with the elevation. The continuously high temperatures and the heavy rainfall have produced badly leached soils over much of PNG. These soils do not respond well to agriculture. The coastal soils are often too sandy or coralline for farming. An exception are the soils of the volcanic areas, such as New Britain, which are rich and easily worked. Traditional food crops of PNG are sweet potatoes, taros, yams, and bananas. The major export crop is coconuts, with a growing market developing for cacao, rubber, and tea. Since pasture land for livestock is limited, pigs and poultry are the principal livestock*.

Natural vegetation of PNG is a mix of the eucalyptus vegetation of Australia and the Indo-Malayan vegetation. More than two-thirds of PNG is forested in what would be called "rain forest," which is characterized by a multistoried vegetation rich in species diversity. In areas along the coast are found swamp forests that are composed chiefly of mangroves and palms, most notably the sago palm. "Slash and burn" agriculture is widely practiced in PNG and as a result, the natural forest ecosystems have been greatly modified in some areas. Natural animal life shows strong Australian affinities, many of the mammals being marsupials. The environment of PNG has encouraged the development of tree dwellers and the tree kangaroo is the largest indigenous mammal. Bird life is also typically Australian with some mix of Malayan species. The most noted endemic species is the bird of paradise, one of the most colorful and beautiful birds in the world.

PNG is a region of considerable racial and cultural diversity. The population is generally considered to be the result of migrations and mixture, but root stocks and sources remain to be determined. The harshness of the tropical environment has kept population levels relatively low, 3,500,000 currently, with a growth rate of 2.1%. The distribution of the population is uneven, with concentrations near the coasts (and the best soils) and sizable parts of the islands uninhabited. In fact, portions of New Guinea still have not been fully explored. Dominant languages include English, Melanesian and pidgin (a simplified "trade language" blending elements of Dutch, English, and a bit of whatever), with 717 distinct native languages.

Diversity is the key to Papua New Guinea—diversity of habitats, vegetation, animal life, and people. The demands of this diversity are met by the 20 SWBC broadcast outlets on the 120, 90 and 60 meter bands that are listed as originating from the main and outer islands of Papua New Guinea. The National Broadcasting Commission, from Port Moresby, has 2 outlets listed. The remaining 18 serve the unique populations of the individual provinces. To date, of those 20, 19 have been heard broadcasting on their listed frequencies by reliable sources.



The remaining station, Radio Enga, perhaps the greatest DX challenge from the region, is in question because to date, it has not as yet been heard here reliably. I can however, say with some degree of first hand certainty that Radio Enga, broadcasting on 2.410 Mhz in the 120 meter band from Enga Province is active. Of late, by sweeping the BFC of my receiver across the frequency, I have been able to detect a carrier but with no more than "imagination level" modulation on it (thanks for that term ECS).

NOTES ON PROPAGATION AND TECHNIQUE: For East Coast listeners, the Papuas can at best be challenging catches. All outlets are either two or ten KW and personal experience has found that the ten KW outlets are only marginally better copy than those running 2 KW. During the last year, the most reliable windows seem to occur 3 - 4 days either side of the 28 day solar flux (sunspot count) peaks with reception taking place from September till early March. During spring and summer months, the noise generated by thunderstorms in our hemisphere combined with the negative complexities associated with trans-equatorial propagation during that time of the year makes a reliable logging of the Papuas difficult if not almost impossible.

If you were to look at Sunrise/Sunset patterns for January, you would see that most of Central and South America have been in daylight for some time as compared to East Coast Sunrise. At 1200, the sun is just coming up over the southern portion of Mexico and Brazil has been in daylight for nearly 4 hours. This means a reduction of, if not elimination of QRM from what few latin stations might still be broadcasting during prime Papua times. There is, of course always the danger of the inexperienced DX'er hearing an Indonesian and mistaking it for a Papua and vice versa. Outlets in the two countries do share some frequency's. A few prime examples are 3.325 and 3.345 where Radio North Solomon and Radio Northern share frequencies with RRI stations. Also China and nearly all of the far east are in darkness at that hour. Don't just assume what you are hearing is a Papua. Listen and think!

Although the majority of the National and Provincial stations sign on at 0700, We haven't heard them till just before local sunrise when propagation enhancements come into play. As you read this article, the Papuas should be appearing at about 1145 or so offering reasonable reception until about an hour after local sunrise. Here on the East Coast, this means till about 1300 UTC. I have on occasion heard several outlets right up until 1400 which is when the majority of the National and Provincial stations sign off. If you happen to tune in early and don't hear them, stick around, your vigilance may be rewarded! These stations seem to rise out of the noise over a matter of a few minutes or sometimes, a few seconds. Listeners more westerly should adjust their times accordingly.

A technique employed by experienced DX'ers involves becoming familiar with a particular consistent station and allowing it to serve as a propagation "beacon" from a specific area. If the "beacon" can be heard, conditions are perhaps ripe for more exotic DX. If not, it may be best to look for DX elsewhere. The Papuas are certainly no exception when it comes to making use of this technique. As the majority of the Papuas are heard on the 90 meter band, Radio East Sepik, the ten KW outlet broadcasting from Wewak on the Northern Coast of East Sepik Province on 3.335 Mhz seems to serve well as the beacon station. Since the 60 and 120 meter bands are currently occupied by only one Papua outlet, they serve as beacons unto themselves.

Perhaps with the exception of the NBC station on 4.890 in the 60 meter band, the Papuas are not what one would call "arm chair copy" even under the best conditions. Add to that the QRM generated by various utility stations, mentioned earlier, "sharing" some of the 90 meter frequencies all add up to conditions that call for very careful tuning and generous use of each DX'er's "cerebral filter." One of my favorite techniques is to make use of one of the NRD-525's strengths, exceptional performance in the Exalted Carrier Single Sideband (ECSS) mode. This method of signal detection allows the user to select one of the two sidebands of an AM signal which is the most free from QRM. Although inappropriate to cover ECSS tuning at this writing, suffice to say mastering the technique is essential for any successful DX'er. Perhaps a more detailed explanation would be a good subject for FRENDX's *Technical Topics* to explore at some point.

Certainly the rules on antennas being located away from noise sources apply here. For myself, an 80 meter band (65' on each leg) inverted vee amateur antenna fed with open wire line at 70 feet combined with a Nye Viking antenna tuner has worked famously. I also know that Dr. Cones has had excellent results with his Sony AN-1 active antenna as well as various indoor wire antennas. Let's face it though, the more wire you can get out properly oriented, the more signal is going to arrive at the antenna terminal of your receiver.

Let's see... a full wavelength on 2.410 is 194' and a rhombic with reasonable gain is about 4 wavelengths per leg and has two legs per side which would make the length of the antenna about 1500 feet. Yep, 3,700 feet of wire and a 50 acre plus field oriented such that the antenna could be made to favor 280 degrees would do it for R. Enga!

When it comes to equipment, I must agree with DX'pert Don Jensen that the most effective thing in your shack is an informed, experienced DX'er rather than a gold plated receiver. Good DX machines can be a help only if the user has the knowledge to make use of their advanced features coupled with the experience to know what is being heard. Certainly one does not have to own an NRD-525 to successfully DX the Papuas! More modest equipment can certainly be used with excellent results.

NOTES ON PROGRAMMING: The 20 stations of the NBC network are designed to serve a widely scattered and diverse population. Most of the provincial stations broadcast in one or more of the local or provincial dialects as well as Pidgin (pronounced pisin) and sometimes, English. Most of the programming I have monitored has been local music, usually referred to as "island music" with announcements in between every one or two songs. Sometimes there are news and commentaries running as long as 30 minutes from the top of the hour. The majority of the "island music" I have heard sounds very much like African "highlife music." Also, the PNG regionals do

not seem to time their station ID's and breaks on the hour and half hour exactly. If, at exactly the top of the hour, you don't hear an ID, wait a couple of minutes. Some stations run a couple of minutes slow, some, a couple minutes fast. Although noted by others, I have yet to hear an English language broadcast from any of the regional stations although it is regular fare from the NBC station on 4.890 mhz.

NOTES ON VERIFICATION: Unlike many other "rare" stations, the majority of the Papua's seem to verify relatively promptly. QSL's have been received as little as 20 days. A *polite, undemanding* letter to the station in question using WRTH addresses has resulted in either a card or in most cases, a nice personal letter from station personnel. *Always*, send mint stamps affixed to a self addressed business size airmail envelope.

Here is a list of the regional and national outlets operating from PNG. You may find it helpful to XEROX this and keep it handy when DX'ing PNG. The QSL verification signers are quite up to date with many names having actually been taken from QSL's we have received jointly over the last 10 months.

Papua New Guinea Regional SWBC Outlets

updated 12/13/87

By Dr. Harold Cones & Chuck Rippel

HRD	VFD	Frequency	Station	Power	V/S
O	O	2.410	R. Enga	2	Gabriel Paiao, Sta. Tech.
O	O	3.205	R. West Sepik	10	Gabriel Deckwalen, Sta Man.
O	O	3.220	R. Morobe	2	A. R. Nase, Sta Manager
O	O	3.235	R. West New Britain	2	Simon Muraga, Sta Manager
O	O	3.245	R. Gulf	10	Daniel Mailau, Sta. Man
O	O	3.260	R. Mandang	2	S.P. Tiori, As. Manager
O	O	3.275	R. Southern Highlands	2	Ralph Moiun, Sta Manager
O	O	3.290	R. Central	2	Karl K. Kila
O	O	3.305	R. Western	10	
O	O	3.315	R. Manus	2	Eliun Sereman, As Manager
O	O	3.325	R. North Solomon	10	R. Saini Sta Manager
O	O	3.335	R. East Sepik	10	
O	O	3.345	R. Northern	2	John Eggins, Sta Manager
O	O	3.355	R. Simbu	2	Mau Ilave, Sta Manager
O	O	3.360	R. Milne Bay	10	Trevor Webumo, Sta Manager
O	O	3.375	R. Western Highlands	2	Edward Kenas, Tech Officer
O	O	3.385	R. East New Britain	10	A. L. Rumina, Sta Manager
O	O	3.395	R. Eastern Highlands	2	Robert Taula, Sta Technician
O	O	3.905	R. New Ireland	2	Kathleen Sakias, As Manager
O	O	3.925	R. Port Moresby	10	Pomsie Pomat
		4.890	R. Port Morseby	10	Pomsie Pomat

NASWA Awards Program:

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

Greetings and welcome to the January 1988 edition of the Awards Page. The following folks earned NASWA Awards:

Ewald BARTUNEK, Wien, AUSTRIA: African Continental DXer

Paul BUEB, Miami, FL: All Voice of America DXer-18 and 24 site endorsement

Thomas GAVARAS, Minnetonka, MN: Master DX Centurian-210 country endorsement

C. Vernon HYSON, Charlotte, NC: African Continental DXPert

Keiichi KONDO, Asahikawa City, JAPAN: Ecclesiastic DXer

Frank F. ORCUTT, Alameda, CA: Maple Leaf DXer; Australian DXer; ORTF DXer; Senior China DXer; Master China DXer; Soviet Sphere DXer; Senior British Commonwealth DXer; Master British Commonwealth DXer; Senior Ecclesiastic DXer; All Continent "QRP" DXer (5 Kw)

Henry WARD, Sherbrooke, PQ: ORTF DXer

kap's comments

SPRING SALE. Why not, all of the stores are having post-Christmas sales, so we'll do it here also. Through March 31, 1987 5 Awards for the price of 4. Only "catch" is that they must be applied for at the same time. Thus during the sale 5 Awards in North America will cost \$4.00; elsewhere the cost will be \$6.50.

"Don't You Believe" Department: Radio Tallinn, Estonia has NOT returned to SWBC after a 16 year absence. They've been in there right along, not an easy catch but certainly not impossible. Also, the ARRL "We The People" Award for logging all 50 states on the Ham Bands does NOT have a December 31, 1987 deadline, the actual deadline is December 31, 1988! While we do not consider ourselves experts in the field, it is a tad upsetting to note that a certain tabloid publication has recently tended to run some rather incorrect information.

Unless we receive further information to the contrary, we will accept Radio Beijing's 9 and 11 Mhz transmissions to be via Mali, though RB's QSL cards do not note the site. Basically we take the same stand that was taken back in the 1970's when the then Radio Peking 7 and 9 Mhz transmissions were via Tirana, Albania. We will NOT accept the 3 Mhz (via Switzerland) or the 9 and 11 Mhz transmissions as being the People's Republic of China.

The NASWA Country List Committee is in the process of reviewing the Country List and we have been advised that there will be some changes forthcoming. As soon as the information is made available we will report it on this page.

As we are employed by a Certified Public Accounting Firm we will be working some wild hours during the upcoming "tax season". We beg your indulgence should there be some delays in getting your Awards processed.

Our best wishes to new ANARC Executive Director Robert Horvitz, and also our best wishes to NASWA Section A Editor Mike Harris on his assumption of the ANARC Publicity Director position.

And also thanks to NASWA Distributing Editor John Hensult's nice comments regarding the Awards Program last month. Greatly appreciated, mon ami. To those who don't remember, John was kind enough to replace me as Distributing Editor when I assumed the Awards Chairman position 3 1/2 years ago.

Hint on upcoming Awards. Get those Peruvians and also make sure that you have Antarctica (either McMurdo or LRA-36) QSLd.

Muriel and I (along with Silky and the Bobcat) wish to thank those who send along Holiday Greetings.

Till next month

BEST, *leg* (12/20/87)

THE SPOUSE'S GUIDE TO SHORTWAVE RADIO
by MRS. DR. DX

(Editor's note: At last someone has written a good explanation of the hobby for those who live with you and have never understood. Why not go get your spouse now and share this information with them.)

Hello, spice (Dr. DX says that spice is the plural of spouse, so I better use it because he thinks he knows a bunch about the English language). Mrs. Dr. DX thinks it's about time all the spice find out what this shortwave hobby is all about. Now Mrs. Dr. DX is a keen observer and learned all this herself--the main thing she learned was not to listen to Dr. DX. First, why is it called shortwave? Mrs. Dr. DX thinks it comes from the words "short", meaning what you are on cash if you are in this hobby, and "wave", which is what you do buy-buy to with the cash from the short part. Heterodyne is a word derived from shortwave which denotes the sound a shortwaver makes when he is short and cannot buy a new receiver. A receiver is so named because the salesman receives all the cash for the radio stuff. Some of the radio stuff includes preamplifier, which is a piece of radio stuff that has to be paid for in advance; antenna, a contraction that means hoping to get cash from Aunt Henna and Uncle Bill so that you do not have to heterodyne over a new receiver; tuner, short for tuner out, which is what the typical shortwaver does to their spouse when they are listening; antenna tuner, which are hints that you drop to Aunt Henna for the new piece of radio stuff your shortwaver wants; and logbook, the place where shortwavers log in all the money they have spent on radio stuff. Shortwavers must also have a clock (to keep track of how fast they are spending money) set to UTC (standing, Mrs. Dr. DX thinks, for ugly, tacky clock, since all she has seen are--Mrs. Dr. DX thinks it must be like a fraternity emblem or something). All shortwavers must have a radio room, listening post, or shack. This is where the shortwaver goes to get away from helping with the kid's homework, the house cleaning, or sometimes even to listen to the radio. This room is also used to look at radio stuff catalogs and to compose long secret lists of radio stuff to buy when Aunt Henna's money comes in. In case the radio room does not have a door, headphones are needed to block out the calls for help from the kids. Sometimes shortwavers go to ham fests. Mrs. Dr. DX can tell you the real story since she went to one of those once because she loves a good ham biscuit. Do not be fooled, spice, your shortwaver is not going there to eat. Instead, the place is filled with radio stuff--and there is a rule that no shortwaver can leave without spending \$25 or more. The only ham to be found comes from some of the people selling radio stuff. Dr. DX says that shortwaver is not a good term for a shortwaver. They should be called SWLs or

DXers. Mrs. Dr. DX guesses that SWL stands for "silence while listening" (usually followed by the word "dammit") and she can't begin to imagine what DX stands for unless it is a foreign language term for "spends lots of money on radio stuff". Another term you will hear your shortwaver (oops, DXer) using is QSL. A QSL (Quick Sneaky Look) is a picture postcard that causes a great deal of excitement when it arrives in the mail and is promptly hidden away. Mrs. Dr. DX knows that you could sure buy a big pile of pictures of anywhere for the amount of money Dr. DX spends for IRCs (lcky Radio Crap) and mint stamps (the name speaks for itself). The QSLs have something to do with a country list, which is a list that a shortwaver keeps and gets out every now and then and utters rude sounding four letter words over--Mrs. Dr. DX thinks it is like golf for inactive people. If you hear your shortwaver talking about twiddling his/her knobs, do not react strangely; this is shortwave talk for listening to the radio (Mrs. Dr. DX sure hopes so, anyway!). Your shortwaver will make a lot of new friends. Dr. DX is always talking about his Dipoles, which Mrs. Dr. DX thinks are his two Polish friends; his longwire, which is his tall, skinny friend; and his sloper, which is his friend that Mrs. Dr. DX thinks is not rowing with both oars in the water. Well, Mrs. Dr. DX sure hopes that all this has helped you understand. But one thing is for sure, Mrs. Dr. DX will never fully understand and she doubts if you will either. But when your SWL or DXer begins to heterodyne over a new shortwave receiver (and you know it has to be preamplifier) and tries to get you to antenna tuner so that antenna will come through and they can go in their shack and put on their headphones and tuner to get QSLs for IRCs and mint stamps so they can add to their country list and invite the dipoles, longwires, and slopers over to clutter up the house and look at their clock set to UTC and their catalogs and secret lists, you can hope they all go to a hamfest and leave you alone to quietly mutter to yourself about all this silly radio junk. Dr. DX told me to say that next time he is going to share his time-proven secrets on how to purchase a shortwave receiver. He also said that Mrs. Dr. DX is all shared out now and should return to her hobby of collecting autographed pictures of famous people whose last name begins with "X". Mrs. Dr. DX thinks perhaps Dr. DX is a sloper.

1988 WORLD RADIO TV HANDBOOK special

Once again, the Canadian International DX Club will be offering the 1988 WRTH at discount prices to Canadian SWL's. The 1987 edition was selling in bookstores for \$30 or more last year - this year our club price will be \$26 by 4th class, \$28 by 1st class or \$30 by special delivery. All cheques/MO payable to CIDX, please! Your support of our book sales program is greatly appreciated. In addition to the WRTH we also sell the Passport to World Band Radio (\$20) and the DSWCI Tropical Bands Survey (6\$). Sample copies of our monthly publication, the Messenger, are available for one dollar.

***** CIDX, #61 - 52152 Range RD 210, Sherwood Park, Alta. T8G 1A5 *****

Clandestine Profile: Radio Truth

By

Richard A. D'Angelo

Radio Truth- The Voice of a Free Zimbabwe- commenced test transmissions on March 10, 1983. Believed to emanate from South Africa, this clandestine radio stations self-proclaimed primary purpose is to give an alternative point of view to that put out by the government controlled media in Zimbabwe.

In their Statement Of Intent, Radio Truth claims to be "unashamedly anti-Marxist" with the belief that Marxism is "an evil and worthless ideology that can only bring disaster to our land". Radio Truth embraces basic democratic principles, free enterprise and basic human freedoms. Their stated mission is to provide an alternative political philosophy to that coming "from the government-controlled media in Harare". Radio Truth claims it deplores violence whether from government forces or civilian dissidents. Countering government claims they are a relic of colonialism, Radio Truth states that it does not "envisage white rule ever returning to Zimbabwe. We accept black rule, but we wish it to be just, efficient and democratic". One thing for sure, clandestine broadcasters are not shy about expressing their opinions and thoughts!

Radio Truth broadcasts from 1700-1800 UTC on 5.015 kHz in the 60 meter band. The 1700 UTC broadcast is in Vernacular languages. This is immediately followed at 1730 UTC by their English language service. Another transmission takes place at 0400 UTC in Vernacular languages and is followed by an English language programme at 0430 UTC. Listen for Radio Truths interval signal which begins with drums and is followed by the sound of birds chirping. The opening starts with "Hello Zimbabwe and welcome to another program in the English language service of Radio Truth". Although the station does not have its own QSL cards, it welcomes reception reports and observations on their programming. Reception reports should include return postage and a prepared QSL card for the station to sign and return. The following addresses have yielded replays:

Mr. Maxwell Thomas	or	Mr. J. Brown
P.O. Box 996		P.O. Box 4
Vienna, VA 22180		Stockbridge, Hants S.
U.S.A.		ENGLAND O20 6LB

Radio Truth is one of the few clandestine stations with an English programme. Combined with their reasonably reliable reception during the DX season this clandestine provides the DXer with an opportunity to gain first-hand knowledge about these types of operations. Clandestine radio broadcasters are an interesting and fascinating aspect of the radio listening hobby. Give Radio Truth "a listen" and hear for yourself.

NOTICE - NOTICE - NOTICE - NOTICE - NOTICE - NOTICE

The EAST COAST SWL NET is changing times effective January 3. The new start time is one hour later: 1500 UTC. Come listen to the latest happenings:

EAST COAST SWL NET
SUNDAYS - 1500 UTC - 7240 kHz LSB



Listeners Notebook

GLENN HAUSER, Box 1684, Enid, OK 73702

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A F G H A N I S T A N R AFGH ES, SOME FROM USSR XMTRS. CERTAIN FQS MAY VARY UP TO 10 KHZ. 0130-0430 BALUCHI/PASHTO 6085 4450. 07-09 PASHTO/DARI V OF THE HOMELAND, TO AS 17720 15435 11865 9635 6085 4450. 09-1030 EG AS 17720 15435 9635 6085 4450. 1230-1430 URDU AS 9635 6085 4450. 1430-1530 BALUCHI/PASHTO AS & DOMESTIC. 7200 4740 3965 1278 1107 945 648. 1430-17 PASHTO/DARI, V OF THE HOMELAND, AS 9765 9635 7245 6085 4450. 17-1730 AR ME 9675(sic) 9635 7225. 1730-1830 PASHTO/DARI, BREEZE OF THE HINDU KUSH, TO EU 9635 6020 4760. 1830-19 GM & 19-1930 EG TO EU 9635 6020 4760. 1930-20 FR EU/ME 9635 (WBI 4/12)

A R U B A A WHILE BACK AN ITEM FROM RAYMOND DAVID SLAGT SAID R VICTORIA WAS EXPECTING TO GET A 100 kW SW XMTR FROM FEBC SAN FRANCISCO. ON MEDIA NETWORK, JONATHAN MARKS CONTACTED FEBC WHO PROFESSED TO KNOW NOTHING ABOUT SUCH A DEAL THO AN FEBC STAFFER HAD WORKED FOR R VICTORIA. PERHAPS MR SLAGT COULD CHECK WITH R VICTORIA AGAIN TO FIND OUT WHAT'S GOING ON HERE AND WHY THEIR STORIES DO NOT MATCH. INCIDENTALLY, IN READING ALL THE DX BULLETINS I CAN FROM AT HOME AND ABROAD, THIS ARUBA STORY APPEARS TO HAVE BEEN RIPPED OFF WIDELY FROM ITS ORIGINAL APPEARANCE HERE. USUALLY WITHOUT CREDIT TO MR SLAGT OR TO NASWA, AS EXPLICITLY REQUIRED IN THE HEADER OF EACH LN. FOR EXAMPLE, THE OCT ASIAN DX REVIEW HAS IT, ATTRIBUTED ONLY TO JADX = JAPANESE ASSOCIATION ON DXERS. I HAVE NOT SEEN JADX, SO CAN'T BE SURE WHETHER JADX GAVE PROPER ATTRIBUTION OR NOT, BUT FROM PREVIOUS PERFORMANCE, I DOUBT IT. HOW CAN I CONVINCE REPRINTERS AD INFINITUM THAT THEY OWE IT TO THE ORIGINATOR OF ANY ITEM QUOTED TO GIVE PROPER CREDIT (BY THE WAY, THEY ALSO OWE IT TO THEIR READERS, ONE REASON BEING IF IT PROVES TO BE INCORRECT, THEY WILL KNOW WHOM TO BLAME). I DON'T CARE HOW MANY "VIAS" IT TAKES, EACH PUBLICATION QUOTING ANOTHER MUST SPECIFY THE ROUTE THE ITEM TOOK!! ONE MIGHT ALSO WONDER, IN THE CASE OF ADXR, WHY THEY DIDN'T QUOTE IT FROM NASWA IN THE FIRST PLACE WHEN IT WAS FRESH AND THE POSSIBILITY OF ERRORS CREEPING IN UPON MULTIPLE REPRINTINGS, WOULD HAVE BEEN AVOIDED. ADXR ALSO HAD IT UNDER THE WRONG COUNTRY HEADING, NETHERLANDS ANTILLES (GH)

A R G E N T I N A (OOPS) R NACIONAL CELEBRATING 50TH BIRTHDAY; STARTED 6/7/37 W/NAME R SELESTADO (sic). EG IS AT 02-03, 04-05, 22-23 ON 9690 11710, 1730-1800 (sic) ON 15345. NEW STN R VIEDMA NOW REGULAR ON 5990 12-16, 20-23 1 kW; AT FUTURE ARG CAPITAL (JADX VIA OCT ADXR) RAE HAS THE EG, NOT R NACIONAL.. (GH)
R CARVE, MONTEVIDEO, REPORTED 28/11 ON THE 18TH GENERAL ASSEMBLY OF THE INTERNATIONAL (sic--SHOULD BE INTERAMERICAN) RADIO BROADCAST ASSOCIATION (AIR) AT PUNTA DEL ESTE. ADOPTED RESOLUTIONS, CABLED TO CERTAIN COUNTRIES. REQUESTED PRES ALFONSO IN TO REJECT RADIO BC BILL DRAFTED BY THE COUNCIL FOR THE CONSOLIDATION OF DEMOCRACY, WHICH IS DISCRIMINATORY, EXCESSIVELY REGULATORY AND AUTHORITARIAN. MOREOVER, IT DISREGARDS FREEDOM OF EXPRESSION, PROMOTES CREATION OF

hundreds of new state-owned radiostns, gives state employees the right to freely interpret contents of the laws, subjects bcs to censorship and attempts to legalise activities of clandestine stns. Contents of this bill are a threat to the basic freedoms of citizens and they endanger Arg democracy (WBI 4/12)

A U S T R A L I A I rang Gold Coast TAFE about the stn listing in WRTH87 p 454. Stn mgr says it's called 4VAV-FM and has appl for a class C licence on FM before the tribunal at the moment. Meanwhile they are being on 1656 kHz w/ stated power of less than ½ watt which does not require licence. Says stn has been rcvd in NZ which leads me to suspect higher wattage. I've tried to pick it up w/out success. They bc till [local] midnight on Fri and Sat, till 9 pm other nights. Anyone hrd? Would be great DX catch and not there forever (Peter Berrett, Lancefield Vic, Dec Australian DX News) Beware of harmonic of ABC-MW 828 kHz (David Martin, ADXN ed.)

Still busy with the World News/ DX pgm on both 2SER-FM and 2RPH here in Sydney; the latter has changed time to 9.45 [local] Sat nights. 2SER's version still 8.15 or so Monday morns. DX reports to 2RPH (which on 1620 kHz is technically SW [no it isn't--technically, SW starts at 3 MHz! gh]) should be addressed c/o ancr Dave Rose, who will faithfully QSL all accurate reports. Anything sent to the 2RPH office will get either extremely slow action, or none at all, due to staff shortage. Addr per WRTH (Patrick McDonald, Dural NSW, ")

RA Talkback reported 22/11: For Minister Bill Hayden, interviewed on ABC-TV, says RA will have to boost power of xmtrs to Vanuatu, to compete with Moscow, VOA, France. RA, unlike other intl stns, has no financial, much less journalistic links w/country's foreign affairs dept; needs to ensure continued editorial independence.

20/11 1900, RA obs again being 10-min world nx, then 3 min Au nx as sked. Strike therefore seemed ended, but on 24/11 nx gone again. 24/11 stoppage also affected ABC TV. RA Talkback reported 22/11 that starting 26/1 Australia Day, RA will be bc nationwide between midnight and dawn [on ABC domestic services]. Australians will at least be able to hear what they've been missing for nearly 50 years! (WBI 27/11) Only those too ignorant to listen to SW (gh) least=[sic]

RA resumed world and Au nx bulletins 25/11 (WBI 4/12)

RA TB reported 6/12: From 1/1 RA will have a new-look sked, new sound and a wealth of new pgms. All established features which remain after 1/1 will be at new times, and in many cases on other days. Write or call for new pgm guide, & register for monthly bicentennial bulletin. Will be req pgm, 26-part series on Au's folk heritage; weekly airing of listener comments; bicentennial coverage starting w/Tall Ships visit to Melbourne 31/12. Talkback ends 27/12, revamped & revitalised as a 27-min pgm on 3/1 (WBI 11/12) & per Bill Dvorak, WI, anmts say will be renamed Communicator; mbg pgm will be Boomerang! (gh)

B A N G L A D E S H SW HS sked as of 12/10: 4890 00-0330, 1250-16; 6145 at 1230 -1715; 6195 0430-09; 7080 0330-0630. New xmtr seems in opn as 7080 and 6145 are erratic and mod VP on some days; still settling down (Dr Supratik Sanatani, Calcutta, Oct IDXCI ADXR)

B O L I V I A Monitoring 10-11 Dec: R Cosmos de Bolivia, Cochabamba, obs for first time on 6095 from apx 1015-2230 gmt [sic--a matter of style I would like to point out, I believe for the first time tho I have fought and fixed it for sesquiyears--in giving times, if you write out the word "from", you ought also to write out the word "to" instead of using a hyphen between start and end times. BBCMS is guiltiest of this and many DX club editors too. If you want to use the hyphen anyway, say "at" instead of "from" -gh]. Anmt: "From Cochabamba, this is Cosmos, the radio, 770 kHz MW, 6095 kHz on the 49mb SW, 95 MHz FM; Cosmos de [sic--this is an EG xlt, isn't it??] Bolivia, the radio". Has nx "Cosmonoticias" 1045-1130 w/natl & intl nx. 1200 "El Rotativo 770" = The 770 stns feature, incl relays of R Fides' nx "La Hora del Pais" w/link-ups w/sevl stns across the country. Cosmonoticias also at 1630-17, but not hrd at ancd time of 2300 gmt (WBI 18/12)

B O T S W A N A R Botswana, Gaborone, DS: 0350-0700 on 7255 4820 3356. 07-15 on 7255 5955 4820. 15-1730 on 7255 4820 3356. 1730-21 on 4820 3356, in Setswana and EG. EG pgms incl: 0430-0435 nx heads (after Setswana). 0510-0520 nx, 1110-1120 M-F nx. 1120-1130 Mon University of Botswana. 1125-1135 Sat & Sun nx. 1610-1620 M-F nx. 1645-17 M-F Around the World Today. 1910-1920 nx (WBI 18/12)

B U R M A High possibility that [previous report of BBS on] 5085 is receiver spurious. Not sure; it is not hrd on the ICF-2001 but on the ICF-7600D and Realistic DX-160. But it used to be hd on 5075, and now 5085, while 5985 remains stable. We should wait for some more reports from Assam/Tripur/Nagaland before confirming it (Dr Supratik Sanatani, Calcutta, Oct IDXC1 ADXR)

C A N A D A "Sunday Morning"29/11 on RCI had feature about history of Edmonton radio stn CKUA (580), "Canada's oldest radio stn", which started in 1927. I believe there are several Cdn stns that are older, and CFCF Montreal, which opened in 1919, is known as the first bc stn in NAm [except around Pittsburgh, Detroit, etc., hi-gh]. CBC did very poor research on this. Would like to see a story on Edmonton's old SW stn VE9AI which relayed CJCA until mid-1950s on 9540 with 200 watts. Can anyone in Alta give us some details? Winnipeg also had 2 kW SW stn, CKRO 6150 and CKRX 11720, relaying CKRC in the 1940s or early 50s (Ernie Behr, Kenora Ont, 10/12) I thought the SM piece on CBC magnanimously acknowledged that CKUA was first non-commercial stn, predating CFCF, not first stn in Canada; story detailed how stn struggles to survive today when most funding is going to TV; people don't appreciate what a treasure they have (gh)

C A N A R Y I S L A N D S [the name derives from dogs, not birds] Tenerife relay of SFR made raredsked change from 1/11: 11815 0930-19 Sun & 22-02 daily, in SP to CAM & SAM. Former outlet 15365 now shown for Noblejas in [continental] Spain, 22-02 to same areas (Bob Padula, Dec ADXN) Sked has been wrong before

CHINA (PEOPLE'S REPUBLIC)

Radio Beijing has started mutual relay service with Swiss Radio International (SRI) since Nov. 1.

SRI is broadcast via R. Beijing transmitters at 1315-1330(music), 1330-1400(English), 1400-1430(French) and 1430-1500(German) on 15135, 11695kHz.

R. Beijing is relayed by SRI with 2 txs. On 6165kHz, 2100-2130 Std. Chinese, 2130-2200 Serbo-Croat, 2200-2230 Spanish and 2230-2300 Portuguese. On 3985kHz, 2100-2130 German, 2130-2200 French, 2200-2230 Italian, 2230-2300 English(Shigenori Aoki, Nobuo Hina, Akira Yamanaka)

Xinjiang PBS has used a new frequency of 7195kHz replacing 7050kHz. 7050kHz has been untraced since Sep. 20. The new frq (7195kHz) was first noted on Oct. 24. This frq is broadcasting Uighur service in parallel with 5800, 4735kHz. (A. Yamanaka, Satoru Suga)

Jiangxi PBS installed new SW txs, which carried on 6040, 3695vkHz. The frq of 6040kHz which was first noted on Sep. 8 is heard everyday. 3695vkHz which was first noted on Sep. 7 had been operated irregularly but it is now inactive. Each frq has radiated the 1st Program in addition to the traditional frqs. (Akira Shibuta, A. Yamanaka)

Hunan Province Meteorological BS is currently aired from 0010-0030, 0820-0835 on 10945 and 7950kHz. (S. Suga)

Beijing PBS has been on the air with the following schedule since Mar. 16, according to a magazine "Beijing Radio & Television". Some frqs and sign on or off are identified in Sep. by monitoring in Beijing City.

1st Program: 2125-0540 and 0740-1530 on 828kHz. This Program has been also heard on 103.2MHz.

2nd Program: 2245-0515 and 0745-1610 on 927kHz.

3rd Program: 2320-0750 and 1055-1600 on 1026kHz.

4th Program: 1476kHz.

5th Program: 0325-0630 and 0920-1230 on 94.5MHz.

(Isami Hyuga, Hironami Kubota)

(East Asian DX News of the Asian Broadcasting Institute, 16/11 via T. Kondo)

Monitoring 19/11: Further study of ant bearings obtained from R Beijing xmsns on 11790 and 9745 18-19 indicate they could well emanate from xmtrs in Mali. See WBI report of 2 weeks ago and of 8 weeks ago (WBI 27/11) And see MALI in this LN

An afterthought: you had the key to the whole thing in your very mitts the whole time and you didn't think to put it together! I refer, of course to Nov LN page 25, under MALI. Somethings tells me you've reached the point of info over-

load! (Al Quaglieri, Albany NY) Quite possible; that didn't register on me because assumption was that renovated SW xmtrs would be used by Mali, not for Beijing relays. However, it also took BBC MS quite a while to make the connection too, and they originated the item. At least we deduced the right continent from the outset... (gh)

RB on 9665 is direct at *0000-0255*, //9770.1; both vystrong 29/11, //11715 much wkr. RB relay on 15130 hrd 1700-1756* in Hausa, strong 21/11 after RL's s/off, //11790.1 in QRM. Hard to believe these are Mali's old 50 kW xmtrs, which were barely audible in the 1970s; more likely new 250 or 500 kW, and I suspect that new 250 kW in Burkina Faso may also be a future relay for some other stn. RB via SRI, 3985 & 6165, both in EG 2230-2300* 8/12 but 6165 sometimes continues w/RB IS from 2300, perhaps direct; both fqs poor to fair w/250 kW (Ernie Behr, Kenora Ont, 10/12) see also SPAIN!

Zhongguo Xinwen She, Hong Kong, reported from Peking 12/11: Free svc for Taiwan compatriots wanting to go sightseeing or visit relatives on mainland. New "Air Service" pgm from CPBS to Taiwan, started 19/10; info on formalities; hotel, restaurant, transportation, telecomms svcs; scenic spots, historical sites, tourist routes, charges; division and evolution of admin divs of major provs, regions; assistance in locating friends and relatives; recommended doctors, medicine; economy, culture, commodities; 10 min pgm is on CPBS-1 Taiwan svc Mon & Fri, repeated on -2 Wed & following week's Mon (WBI 27/11)

Xinhua reported 5/12: Half of China's gigaperson listens to radio and watches TV regularly, today's Guangming Daily reports. BCing industry reaching high point, with number of radio stns increased from 122 in 1983 to 278 now and TV stns from 52 to 292. 70% of population picking up radio & TV bcs thanks to 15 kilotransmissions and 1599 ground satellite stns. Chinese families own 240 megaradios; family TV sets number 90 mega, up from 36.11 in 1983 (WBI 18/12)

C O L O M B I A [cf ARGENTINA] AIR released this resolution: We reject the text and philosophy of bill 41/87, submitted to Col congress, because it attempts to restrict freedom of expression and to interfere directly w/free enterprise and free trade, thus violating citizens' rights (WBI 4/12)

C U B A R Reloj, Havana, reported 18/11: R Moron [sic; Morón] in Ciego de Avila prov will mark its 38th anniv tomorrow. Has sizeable audience thruout CdA even tho pgming is directed at 6 municipalities in northern part of prov. Bcs 19 hpd. ICRT provided R Morón w/modern eqp, and stn has 52 workers (WBI 27/11)

RHC in SP to Ams: 2200 on 11795 11725 9770 9730 9550 6060. 2300 change to 17790 11795 11760 9770 9730 9550 6060. 0140 on 11970 9730 6060. 0200 on 11795 9730 6060 6035. 0300 on 11795 9730 6060; until 0600. 09-11 on 6090. 1100 on 15340 11950 11760 11725 9730 9550. 1600 cn 15340 11760 11725 9550. 1645 15340 11760 11725. 1800-2050 on 15340 11725.

Some xmsns to ME/Eu/Af via USSR. Remainder of RHC sked, complete: 00-01 Quechua 11725. 01-02 EG Eu/Am 6090. 01-0245 PT Am 11725. 02-03 EG Eu/Au/Am 6115 6090. 03-04 Creole 5965. 03-04 EG Eu/Au/Am 6140 6115 6090. 03-04 FR Am 6035. 04-0450 EG Eu/Au/Am 6140 6115 6090 6035 5965. 0450-06 EG Eu/Au/Am on 6115 6090 6035 5965. 06-08 EG Am 9525. 0630-0730 SP Eu/ME/Af 9730. 0730-0830 PT Eu/ME/Af 9730. 0830-0930 FR Eu/ME/Af 9730. 09-1045 PT Am 9755. 0930-1040 SP Eu/ME/Af 9730. 10-1050 Quechua 9560. 11-12 Creole 6060. 15-16 AR to Eu/ME/Af 9760. 16-17 FR same. 1630-1730 AR Eu/ME/Af 11970 9770. 17-18 EG Eu/ME/Af 9760. 18-20 SP Eu/ME/Af 11970 9770 9760 9720 9515. 1830-20 EG Eu 9670. 20-21 PT Eu/ME/Af 9760 9720 9515. 20-2140 FR Eu/ME/Af 11970 9770 9670. 2040-2140 EG Am 15340 11725. 21-22 FR Eu/ME/Af 9610 6165. 22-23 EG Eu/ME/Af 6165. 23-24 Guarani 11725 (WBI 4/12)

C Y P R U S R Bayrak, 1098 kHz, hrd 30/9 2013 w/VOA's Now Music USA pgm, 2015 ID, then Am jazz mx, SIO 343 (Kanwarjit Sandhu, Ludhiana, India, Oct IDXC I ADXR) Another local stn VOA-Europe has persuaded to relay it, or does Washington even know about this? Could also be taken as US siding w/Turks, when the Greeks are always on the verge of kicking out VOA (gh)

O Filelevtheros tis Dheveras, Nicosia, reported 16/11: xmtrs of "Radio Self-Determination" were confiscated by police yesterday aftr stn began bcng. Police statement: At 1125 gmt, Nicosia Criminal Investigation Dept searched house of [named person] where they found a radio xmtr operating w/out permit from appropriate ministry. Also searched another house at 1150, found another xmtr (WBI 27/11)

CHILE Telam nx agcy, reported 18/11 from Santiago: Armed groups of the self-styled Manuel Rodríguez Patriotic Front (FPMR) have seized two Chilean radio stns and xmtd anti-govt msg's. In Valparaíso, FPMR in a coordinated action raided an AM radio stn and its xmsn plant, and for 3 mins xmtd subversive proclamation. Later, another armed group seized an FM stn in city of Curico, 200 km S of Stgo, and after overpowering personnel, read 8min proclamation (WBI 27/11)

DENMARK A group of 6 Danish ministers has cancelled the plan to build a 500 kW xmtr for R Denmark. Need for more power for stn has succeeded but ministers didn't want to spend money. There is just enough to carry the 100 kW from Copenhagen to N Jutland or a similar stn. Currently can work w/only 50 kW to avoid QRM w/TV reception and electronic industry. J T Madsen, mgr of RD, will not agree w/this compromise--he would either use 500 kW or close svc down (JADX, via Oct IDXCI ADXR)

DOMINICAN REPUBLIC Just rcvd QSL postal card & ltr from R Amanecer, Sto Domingo. Said power is 1 kW on 6025. Xmtr at 60-54-58 long, 18-33-04 lat. This would put them out in the Atlantic! Longitude 60 should probably be 69 degrees. Ant is 11.8m vertical w/"120 radiales de 11.8 mts." First SW xmsn was 22/8 at "2 pm" (DR time?). First report from José Mauricio in Cúcuta, Colombia for reception on their first day at 4:30 pm. Second report from Donald Jensen in Kenosha WI, for 23/8 at 7:27 pm. Third from David Potter, St Petersburg FL, for 23/8 at 10:05 pm. Stn's msg is "Amor, Unidad y Esperanza para todos los hombres." Xmts cultural, educ, relig pgming. Ltr signed by Fidel Ferrer, Director, and card by Socrates Domínguez (Paul Buer, Miami, 30/11)

EQUATORIAL GUINEA R Nac Bata, 5004, from 0600 SP nx, 0612 Af mx, strong 14/11; also to 2202*v. REE DX pgm 8/11 reptd R Nac Malabo on new 4950, apparently 2ndxmtr //6249.5 (Ernie Behr, Kenora Ont, 20/11)

ETHIOPIA VoRE [sic] on 9560, from *1359 IS & AR pgm, 1500 EG & mx to 1530 f/out, 19/11; other days covered by much stronger AR stn to 1501*v, prob Sudan clandestine which has moved since 18/11, leaving VoRE clear (Ernie Behr, Kenora, Ont, 20/11)

V of Ethiopia, reported 13/12: A schools' bc radio stn w/1 kW became opl in Asmera yesterday; built at cost of more than 221 kilobirr (WBI 18/12) SW? Doubt

FRANCE France Inter reported 19/11: France Info hrd on train from Nantes to Paris yesterday for first time. Part of SNCF campaign to persuade businessmen to use trains rather than aeroplanes--spl new carriage "Business Space" [FR: Espace Affaires] introed on Nantes-Angers-Paris svc to provide various business facilities--office supplies, papers and mags, cassettes of RF feature pgms and live reception of France Info, RF's stn b'ng continuous nx. France Info can be rcvd on FM over practically the whole of the route thanks to overlapping xmtrs of R France's net (WBI 27/11)

GABON AWR Current, Italy, Nov issue article abt AWR Af: BCs an hour daily exc Sun in FR. Daniel Grisier, mgr and pgm dir since spring 1984 says stn has spl challenges. Because of Muslim concentration in N&W Af, stn pgms for the Muslim mind. Strictly Christian tunes would not even be listened to in many countries. Creative pgming has resulted in magazine format, divided into 3: health, education, Bible. Surveys show Muslim world listening primarily to educ talk, and the other world wrote almost only concerning Bib topix. Response to AWR pgming encouraging. Despite primary school educ for 51% of listeners, correspondence has annually risen. Mail count up since 1984. Statisticians say every piece of mail on average represents 132 listeners [how in the world do they know THAT, with such precision?], more than 80% living in rural areas. Because private xmtrs forbidden in many Af nations, every AWR script must be submitted in the FR lang. That means AWR's little staff prepares 945 pgms yearly, and have since 1984. Probably no other stn has a larger script library. Tho AWR-Af is supposed to cover the two Af Divs HQd there, current leased time on R Gabon [sic] has only a 15 degree opening on its NNW ant. However, hrd on a 60-degree opening angle, more or less despite essentially direxional beam. Grisier's dream is to begin an EG pgm on Suns for Nigeria, Ghana, Sierra Leone, Liberia, where 55% of Af's population is. Negos underway to determine if EG pgm can be added w/out taking a FR pgm off the air on another day. Grisier says case histories of

listeners show radio is only access into regions such as Timbuktu, so we don't want to drop any FR pgming. We just need to remember the EG-speaking as well."

Monitoring 15/11: anmt repeated from 1200 on 17880: "You are listening to a test bc by AWR-Af, bcng from Africa No. 1". ANO is commercial stn optd under joint Gab-FR control from studios in Libreville and xmtrs in Moyabi (WBI 27/11) Clarifying above, 1984 ltrs totalled 264, 1986 had 800 (WBI 4/12)

ANO reported 2/12: Michel Aurillac says in interview there is a project to construct an extra xmtr at Moyabi, under French-Gabonese cooperation (WBI 11/12)

G E R M A N Y E A S T BerlinerRundfunk to change pgming from 1/12, expanding mx to 2/3 of airtime; serious mx 1/5 of time; also intensify nx sked. Can be done since Youth Studio DT64 svc has developed into independent stn on own fqs (WBI 27/11)

ADN nx agcy reported 26/11: Youth Radio DT64, inaugurated a good sesquyear ago, to expand from 11 to 20 hpd from 1/12, part of new GDR radio format. Will start early morn pgm for shift workers and maternity leavers, sked 03-23. Radio DDR-1 more for topical info, popular entertainment, sports. R DDR-2 to expand cultural and educ sked. BR to expand local character. V of GDR: plays and features, 300 to be produced next year. Twelve DDR regional stns will expand bcng times (WBI 4/12)

Monitoring 1-15 Dec: RBI again using 1359 kHz MW for ES to Eu in Danish, FR, EG, IT. Addl bcs in DN & IT on 1359, not on other fqs. So Danish up 3:30 to 29:45 weekly; IT by 5:15 to 21 hpw. RBI dropped 1359 in Apr 1987 (WBI 18/12) Bill Harms, DXer in W Germany, noticed this earlier, in Nov (gh)

V of the GDR, Berlin, uses 6115 at 23-16; 24h on AM & FM & LW. Other svcs not on SW. (WBI 18/12) Would somebody explain where the "DT64" name comes from? (gh) They add, one hour earlier during DST.

RBI ES in EG (also one hour earlier DST): 45 min xmsns: 00 Am 9730 6080. 0045 Am 9730 6080. 0215 Am 9730 6080. 0245 Am 6:15 6125. 03 Am 9560 6080. 0430 Am 9560 6080. 0445 Af 11920 9620. 0445 Eu 5965. 0645 As 21540 21465 17880 15240. 07 Eu/ME 11810 5965. 0815 As 21540 & Sat/Sun only on 21465. 0815 Sat & Sun Eu 9730 7185 6040. 0945 As 21540 & Sat/Sun only on 21465. 1215 As 21540 21465 17880 15445. 1245 ME/Af 15240 15170 11785 11705 9665. 1330 As 21540 21465 17880. 1515 As 17880 15240. 1545 ME/Af 15255 15170 11785. 1615 Eu 9730 7295 6115. 1745 Eu 9730 7260 6115. 1815 Af 15255 15145 9665. 1915 Eu 6115 6080 1359. 1945 Af 15255 11920 9665. 2145 Eu 5965. 2145 Am 6125. 23 Am 6165 6125 6070. 23 Eu 7295 5965 1359 (WBI 18/12) Need to reorganize sked so pgms in a single lang are not overlapping so much in diff svcs (gh)

G R E E C E Elevtherotipia, Athens, reported 3/12: Pres decree 2/12 gives green light to opn of about 20 new local radio stns in Athens area. Also legalises former pirates. 2 kinds of licenses: exclusive bcng on specific fq for 24h or part of it; bcng w/spectrum of fqs w/max power 40 watts. All long-range municipal or private stns will come under first category; thousands of amateur stns the 2nd (WBI 11/12) So amateur bcers on inspecific fqs?? (gh)

V of Greece, EG nx segments: 0130-0140 Am 9420 9395 7430. 0340-0350 same. 0840-0850 M-Sat Au 15630 9855. 1040-1050 M-Sat As 15630 11645. 1235-1245 Am 15630 11645 9855. 1540-1550 Am 11645, and Wed-Mon on 9855 15630. 1840-1845 Af 12045 and Wed-Mon 15630 11645. 1920-1930 Eu 11645 9425 7430. 2335-2345 Am 11645 9395 (WBI 18/12)

G U A M KSDA = AWR Asia now really w/2 xmtrs on, D87: 20 Korean 11700, 21 EG 11965, JP 11700. 22 Tagalog & Cebuano 11965, Mandarin 11700. 23 Thai 15125 & MD 11700. 00 EG 15125, MD 11700. 01 Burmese 15125 MD 11700. 02 EG 17865, MD 11700. 03-05 MD 11700. Sat & Sun: 03-07 MD 17865, 05-08 MD 11980, 07-09 MD 17855, 09-11 MD 11700. Daily again: 09-13 MD 11980. 11-12 Indo 9465. 12-14 MD 9465. 13-14 Korean 11980. 14-15 Burmese 9830, JP 11980. 15 'Indian' 9830 & EG 11980. 16 'Indian' -17 on 9830. Plans to add Bangla in Jan, Sinhala in June 1988 (via Richard Lemke, Alberta)

KSDA ancd 15/11 1400 on 9465 that due to listener reqs more EG now: at 15, 02, 21, 00; India best at 15 on 11980 (WBI 27/11) On the contrary, we know that they planned four hours of EG all along, but were delayed until 2nd xmtr operational (gh)

G U I N E A Guinean natl radio, Conakry, reportd 19/11: Coop between Guinea & W Germany excellent; signed agmt today, partly concerning assist to GTR in

upgrading eqp; training of techs in radio techniques, journalism, management. Also involved is provision of tech radio eqp and training in its maintenance. (WBI 27/11) You read it here first, in case this evolves into surprise DW relay, hi (gh)

H A I T I AFP reported 29/11 from PaP: armed commandoes attacked three radio stns last night, seriously wounding one person: R Soleil, the Catholic stn & one of the most popular; R Haiti-Inter and R Antilles Internationales. Armed group attacked R Soleil's ant site, seriously wounded a guard and set fire to antenna. Stn will not be able to xmit any pgms. Monitoring 30/11 to 3/12: These stns still off air 30/11: R Soleil 1170; R Haiti-Inter 1330; R Antilles Intl's 1240; R Lumière (Baptist) 660; R Cacique, 1000. Stns obs operating normally incl: R Caraibes 1150; R PaP on 1385; R MBC on 1430; R L'Arc en Ciel on 1480; R Stn 4VEH on 4930 & 1030.

R Soleil, hrd in Creole at 1200 7/12: saying back w/most usual pgms after 4 days of testing following heavy damage to eqp 28/11, but w/a few changes. Also greeted above other stns which had problems, and mented R Metropole as practically alone in informing the country for a while (WBI 11/12)

H U N G A R Y R Budapest in EG (one hour earlier than this in summer; some xmsns end up to 5 mins early). 02-0230 Tue-Sun Am 11910 9835 9585 9520 6110 6025. 03-0330 daily same. 04-0415 Wed & Sat DX pgm same. 04-0430 Mon same. 1030-11 Au 21525 17780 17710 11910 9835. 1150-1220 M-F Eu 15220 15160 11910 9835 9585. 1515-1530 Tue/Fri DX pgm Eu 15160 11910 9835 9585 6110. 1530-16 M-Sa As 15220 15160 11910 9835 9585. 17-1730 Eu 15160 11910 9835 9585 6110. 19-1930 Tue & Fri Eu 15160 11910 9835 9585 6110. 21-2130 Eu 11910 9835 9585 9520 6110. (WBI 18/12) This contradicts info from R Budapest about the scheduling of the Hungarian History serial. The 19-1930 bc would be that, but RBud says only on Tue at that time. RBud says also Tue 2230, Wed 0130, Fri 2230, Sat 0130, Mon 0400 but BBCMS catches only the last one of these. How close are they listening to R Budapest if they miss these EG bcs? Or is R Bud imagining some bc times? (gh)

I N D I A AIR 1987-88 annual plan includes setting up new 50 kW SW xmtr at Gorakhpur; 50 kW SW at Tiruchirapalli, plus new MW and SW xmtrs. Will have 205 stns total, with 54 xmtrs on SW totalling 7293 kW, reaching 97.5% of population (Deccan Herald, 2/4/87 via B Padaki, Oct IDXCX ADXR)

AIR Delhi reported 2/12: AIR has started spl ES to Sri Lanka from 21/11 w/spl xmtr commissioned for this (WBI 11/12) AIR previously bc in Tamil at 00-0045 & 1130-1230, and in Sinhalese 13-15 (BBCMS ed., ibid.) Madras 4990?

I N D O N E S I A RRI Biak, 7212 on 2/12 at 1027, not having switched over to usual 5982 at sked time of 0800 (Craig Seager, Dec ADXN)

RRI Sibolga, normally quite well hrd on 5257, not hrd when checked during 12-16 and 23-24 period; maybe off air or on new fq 18-21 Oct. Had hrd them on 5257 at my Calcutta QTH in Sept (Prodyut Banerjee et al on DXpedition to Chandipore, Oct IDXCX ADXR)

I R A Q V of the Masses ancd 21/11: The radio stn dept at the Culture & Info Ministry is pleased to announce opening of the Mirbad Radio Stn from the start of the Mirbad festival [of Arabic poetry] 24/11 until festival's conclusion. The Mirbad Radio will bc from 15 to 18 gmt on fqs used for VOM, and 07-10 on fqs used by Baghdad bc (WBI 27/11) Can you imagine 6 hours a day on any radio stn, public or otherwise, being devoted to a poetry festival in backward USA? (gh)

I R E L A N D RTE reported 20/11: Minister for Energy and Comms, Ray Burke, ancd details of two new radio bills. He'll be inciting [sic!] applications for a franchise for a new natl indep radio stn and two local radio stns in Greater Dublin area. Also for Cork City, and one ea per county. Also envisages a 2nd stage of franchising town stns w/8-10 mile radius, neighbourhood stns w/2-5 mi radius. Hopes community orgs will apply; later on if some county stns can't make it, some can merge (WBI 27/11)

I S R A E L Monitoring 22/11 evening: V of Israel and SW relays of IBA DS Net-B in Hebrew still off the air; xmtrs only carrying tone (WBI 27/11) V of Israel ancd 27/11: After 52-day strike, VOI resuming pgms on all nets, by stages com-

pleted 29/11 w/full range of pgms (WBI 4/12)

I V O R Y C O A S T RCI issued new sked as of Nov: 25 kW on 4920 (maybe typo for 4940? ADXN ed) at 06-15 FR, 15-1845 verns, 1845-24 FR. 500 kW on 6015 06-15, verns 15-1845, FR 1845-24. 20 kW on 7215 06-18 FR, 18-19 EG, 19-24 FR. 500 kW on 11920 19-24 FR. Suns & holidays the 15-1845 bc is in FR; FR nx at 0615, 07, 0745 (Alan Doyle, Dec ADXN)

J A P A N Planned sked for Yamata relay of RCI starting 4/4: EG 12-1230 on 15290 17810, 22-2230 17885. FR 2230-23 17855. RS 1430-15 16150 [sic], 2030-21 9650. UK 15-1530 6150. JP 13-1330 6150. (Matthew Francis, Dec ADXN) You might think that As & Pac listeners will finally have a dependable signal carrying SWL Digest--wrong! That is not among the pgms RCI plans to put on the EG relays. As & Pac would-be listeners should write RCI quickly to request its inclusion (gh)

K O R E A N O R T H R Pyongyang has changed JP sked since 2/11: 04-0550 on 11780 9650 9505 783; 09-1050 6540 3250 783. 11-1250 6540 3250 783. 13-1450 on 6540 3250 783. 21-2250 11780 9650 9505 783. A fq of 3250 is operated informally (Masashi Nagasaki & Tetsuya Kondo, ABI 16/11)

K U W A I T SW centre to receive two 500 kW xmtrs, following awarding of contract to Brown Boveri; also provides for rotary antenna, renewal of existing ant system. All SW xmtrs use the PSM (Pulse Step Modulation) process, and new installations planned for on-line operations by end of 1988 (International Broadcasting via Dec ADXN)

L E B A N O N Monitoring 25/11: stn in AR IDing as V of Faith (Arabic: Sawt al-Iman) hrd on 93.2 MHz FM at 0630-0940 & 1230-15; recitations from Koran, relig talks, recordings of sermons by Hezbollah spiritual leader Shaykh Muhammad Husayn Fadlallah. Probably in Lebanon (WBI 4/12)

M A C A O R Vila Verde since Oct at 22-16 on 735 and 89.0 MHz, per pgm sked (Hidetoshi Takashima, 16/11 ABI East Asian DX News via Tetsuya Kondo)

M A L I [see also CHINA] RNMN reported 26/11: Mali had a short-lived extl svc back in the 70s but it seems lack of finance led to its suspension. We contacted asst dir of Rdif-TV Malienne, Mr Abdoulaye Sidibe, at his office in Bamako. The phone connexion was extremely poor, so here's a summary of what he told us. Yes, R Beijing is being relayed via two SW xmtrs in Mali. They're not new xmtrs tho. Our colleagues from China have renovated our old SW xmtrs at the site just outside Bamako, added satl rving facilities and now are hiring the facility. At present, our stn, RTVM has no plans to use the SW xmtrs a-gain for extl bcng (WBI 4/12) How about domestic, during off-hours for Beijing? more, LMI

M A L T A SPLAJBC, Tripoli reported 24/11: Minutes of an agmt setting up The V of the Mediterranean radio stns, which'll begin xmtg next Feb in AR, EG, FR were signed in Malta yesterday. Ceremony attended by brother [sic] asst secy of General People's Committee of Information, Culture and Revolutionary Guidance and a number of Maltese offls. [BBCMS ed note: after previous coop agmts betw Malta & Libya, stn called V of Friendship & Solidarity bc pgms in Maltese from xmtr in Libya 1975 until 1976 or 77. R Mediterranean opd from xmtrs at Cyclops Malta w/Lib coop between 1976 and 1979. Libyan bcs from this xmtr IDed as "R of the Socialist People's Libyan Jamahiriyah from the Mediterranean stn". In 1982 Malta reached agmt w/Algeria to coop w/R Medit and bcs resumed Jan 83. Stn, reflecting pan-Arab views, currently hrd on 1557 and 6110 18-19 in AR, 2130-2230 in FR, 2230-2330 in EG] (WBI 27/11) So same as before except Libyan instead of Algerian influence? Poor Malta, having to bend to its powerful neighbors (gh)

M O Z A M B I Q U E R Moz, 4865v, from 0310 Af mx & PT talks to 0400, often G; fq varies 4864.5 to 4865.5; 29/11 at 0314 PT "noticias de Cabo Delgado", 0318 mx, tho this is probably not the stn in Pemba (Ernie Behr, Ont, 10/12)

N E T H E R L A N D S RN MN reported 10/12: 7/12, Surinam resumed jamming RN 85-min pgm to Carib at 09 daily, and also eves at 2330. Dutch embassy in Paramaribo advised RN that strong jammers completely block our bcs on both 6020 &

6040 in morn. Not first time this has happened. April 1986, a single-tone jmr from Paramaribo during RN bcs; joined a few weeks later by a second noise jmr on another fq. Continued daily until 27/3/87, when mysteriously disappeared. Jamming level Monday was far more intense than before, tho exact reason not made clear by Sur authorities. However, 9/12 eve and 10/12 morn not jammed (WBI 18/12) more, LMI

N I C A R A G U A Monitoring 17/11: At 2137, LV de Nic ancd that except for abou 3 stns, mos local radio stns off air from abt 2030 due to power failure affecting Managua and other areas. Said only 640 xmtr was on as 620 and 780 were in areas w/out power, tho situation beginning to normalize. At 2150, LVN obs on 6015 780 640 620, tho R Sandino 750 and R Zinica Bluefields 6120 were unhrd (WBI 27/11)

V of Nicaragua ES on 6100 to Am: SP 00-03 exc Mon. EG 03-04 exc Mon. SP 04-06 exc Mon. EG 06-07 exc Mon. "Nicaragua Today" nx at 0301-0315, 0345-0359 & 3 hours later; Music and news in between. In SP, "Aquí Nicaragua" nx at 0001-0010, 02-0210, 0250-0259, 0401-0410, 05-0510, 0550-0559; in between, Music & nx--these portions contain features such as "What's New in the World", "What's Happening in Central America," press confs, excerpts from Ortega speeches, interviews, commentaries, interspersed w/mx (WBI 11/12)

Monitoring 2-7 Dec: Pgm called "Church" (Iglesia) obs on R Católica at 18-19 weekdays since 2/12; so far unk if weekends too. Includes reports on the indirect Sandinista-contra cease-fire talks, material abt Nic opposition activities, ivs w/Cardinal Obando y Bravo, other church offls and opposition leaders, tho no reports abt Sandinista-contra fighting hrd. Says Church pgm sponsored by various commercial companies..

R Noticias, Managua reported 10/12: Journalist César Vivas Rojas will be dir of R Católica's evening nx to be bc from 14/12. He's been journalist for abt 40 yrs, and was dir of the daily La Noticia and commentator for The Truth radio nx and pgm in its famous segment "The truth, tho it hurts". Vivas says: plan two pgms; one is Nx & Commentaries, which was closed in 1982 after I had done it 10 years. Resumption requested but no reply so far. Third edition of Your Church pgm I am to be n charge of, at 01 or 0030; not on air yet, finalising details, but probably UTC Tues 0030-01. request for approval filed w/Media Directorate 10/10 but under review and no reply yet (WBI 18/12)

N I G E R LV du Sahel reported 9/12: Col. Ali Saibou, Chairman of the Supreme Military Council and Head of State, 9/12 signed many decrees appointing, i.a. Amadou Ousmane as Dir Gen of Niger Press Agcy; Abdou Souley as Dir Gen of Niger Rdio & TV Bcin Corp (ORTN) to replace Djibril Anouni, who has been redeployed; Yacouba meati as dir of ORTN TV svc and Adamou Mohamane as dir of ORTN LV du Sahel radio to replace Aboubakar Tio Koudize, redeployed[love that euphemism --gh]. Last offl affected is Mohamane Bakabe, apptd dir of regional stns of ORTN (WBI 18/12) So the porno-requesting v/s is still there? (gh)

P A N A M A [see ARGENTINA] AIR declaration says: It has been noticed that freedom of expression has been deteriorating in this country. In las few months govt has been adopting repressive measures clearly disregarding rights to freedom of expression and has closed two radio stns and three daily nxpapers, thus violating basic laws of country. Pan govt promulgated decree in July 1987 that threatens to suspend concessions granted to radio stns if they bc opinions, ideas, or principles opposing the current regime. Pan govt has been harassing natl and forn journalists and has even expelled some of them... AIR assembly asks the Pan govt to: immediately re-open R Mundial and R Continente and the dailies Extra, la Presna, El Siglo. Annual [sic, must mean Annul] Decree No 61 of 24/7/(¿1967/) because it hinders free development of radio & TV. Immediately stop harassing natl & forn journaliss, thus granting the country the right to freedom of expression. And to make this resolution known to intl media, particularly the Inter-Am Press Assn, and its affiliated radios tns, which'll bc this resolution (WBI 4/12)

Matutino reported 24/11: R América currently off the air, due to fire in xmtrs, per mgr René Hernández, who asked listeners, ancrs and sponsors to excuse this inconvenience. Obs since 1200 23/11 on 1380 confirm off air (WBI 11/12) I suspect the heavy coverage of Panama by BBCMS results from an FBIS post there (gh)

P A R A G U A Y [see ARGENTINA] AIR resolution says: Freedom of expression,

indispensable in a democratic state, does not exist here. Several radio stns were complying w/duty of criticising govt have been deprived of their right to bc and've had permits revoked. Only renewed if stns submit to certain "legal" requirements. AIR thus asks Pg govt to: Re-establish freedom of expression and grant all radio stns that comply w/administrative requirements that are not subject to political interpretations the right to carry out their daily tasks, which have much social importance, w/out being subjected to any economic or political pressure; and to immediately re-open ABC Color [newspaper] (WBI 4/12)

P E R U AFP reported 1/12: Military offls in Tarapoto report that the army closed three radio stns and arrested a Marxist mayor yesterday for supposed link w/Tupac Amaru guerrillas in the chaotic Amazon region of San Martín Dept. Report added that the closed radio stns were R Tarapoto, and R Tropical in Tarapoto, 700 km NE of Lima, and R Estación C in Moyobamba, 800 km NE Lima. The San Martín radiostn assn reported this action as 'an arrogance which infringes on freedom of expression'. Assn's report added that the stns had been closed w/mily troop support by offls from the Transportation & Comms Ministry who gave technical reasons for the closure, such as 'frequency imbalance' and 'operating outside normal fqs'. Closed stns had been bc'ing extensive info about the chase 2000 mily and police troops were giving the Tupac Amaru Revly Mvmt (MRTA) guerrillas. They had also bc clandestine guerrilla comunicués (WBI 11/12)

P O R T U G A L R Portugal noted on new 9615 w/PT on Sundays 08-0930, with short nx items in EG, FR, GM and IT at 0835-0845 (Weltweit Hören via Dec ADXN)

S A I P A N RNMN reported 26/11 an interview w/Richard Dearborn, Ops Mgr for CSM WS: Not sure of exact date but planning 4/1 make KYOI format change. Making mx even softer rock than now. Including 'oldies' and begin to attack[sic] a little bit older audience in target market. During some hours of day, pgming of mx w/Monitor WS nx at hourtop. During primetime in Japan, morn & eves, two 4-hour blox of simulcast WS pgming, similar to Maine stn. Weekend, couple of timeslots for relig pgm Herald of CS. Will be identical to Maine; as staff increases tho we'll be able to tailor pgming more specifically to FE audience. Satl link not operating yet but should be by 17/12 after tests completed. Digital all the way as well as to our other xmtrs; over next year we're converting to a digital system. Going to upgrade Saipar. stn considerably over next sesquyear. Presently has a 100 kW xmtr w/ant pointing 340 degrees right into Japan & Korea. Going to make that ant adjustable for diff direxions; add another 100 kW w/adjustable ant to cover Au/NZ. And add ant due west, thru Thailand, India, Indonesia, so two xmtrs can select any of ant systems. Third site: South Carolina, two 500 kW one for NAM-western & eastern Canada; other to S&CAm, that in SP & PT predominantly. Selecting site not easy w/all various environmental concerns, moisture in soil, etc. Finally selected a site we called Cyprus [sic] Creek SC, 45 mi N of Savannah GA and inland from Atlantic about 45 mi; on the air in Jan 89 (WBI 4/12)
KYOI sked effective 4/1 to 6/3: 18-22 9670, 22-02 15405, 02-08 17780, 08-16 11900 (George Jacobs, MD)

S I E R R A L E O N E APS nx agcy, Algiers reported 30/11 from Freetown: First Islamic radio stn in Af outside the Arab countries began xmsns yesterday, from SL. 4-hour daily xmsn in FR, EG, local SL langs, and shortly AR lang les; so far covers 11 Af countries. Committee of Muslims of Af, whose HQ is in Kuwait and which has established this stn, hopes to incr xmsn hours and bolster its bcs to cover the largest possible area of the Af continent.

IRNA nx agcy, Tehran, reported 29/11 from London: First Muslim radio stn in SL has begun bc'ing w/4-h daily xmsns in FR, EG, Fulani, soon AR. Svc, which started in July [as received], is first non-Arab of its kind in Af, run by Af Isl Council to teach Holy Koran and bcs the Hadiths (sayings) of the Holy Prophet Mohammad (saw) [saw: peace be upon him and his kin]. Per Muslim weekly 'Ala-am' in London, stn is non-political, bought from govt of SL which could no longer afford it. Appaently after long battle betw a British Christian assn and an Israeli company to buy the stn, the pres of SL intervened to sell it to the Muslim group to improve relations w/Arab and Muslim countries. Has powerful 250 kW xmtr to cover 11 WAF states and markedly contrasts w/SL's offl radio limited to 10 kW. Response to stn reportedly vy strong w/reqs for longer xmsns. Currently daily 16-20 (WBI 4/12) Well, well, no fq given, but I recall this used to be on 5980 and occlly somewhere on 3lmb; was briefly a DW relay too. Present hours make NAM reception difficult by long or short path if on 49m (gh)

S O U T H A F R I C A R RSA revised D87: (+) indicates 500 kW; others are 250. 02-0256 USA & Canada EG 9580 305 degrees, +9615 305, +11730 305. 03-0426 EAF/ME +11900 20, 7295 19; Malawi/Zambia/Zimbabwe 4990 7 degrees; WAF +9580 335. 0430-0530 Malawi/Zambia/Mozambique in Chi-Chewa 4990 7. 0430 -0626 CAF FR +11900 350, 9580 340; WAF +15125 335. 0630-0730 EG EAF/ME 17790 17, +7295 7 to Malawi/Zamb/Zimb; UK & Ireland & WAF 15125 335, +17825 340. 0830-0856 Sun Afrikaans [strangely, their only bc in their own lang] Kenya/Tanzania/Zimbabwe 15125 19; Neth & Belgium +17825 350, +21590 350. 0858-0956 Swahili Kenya/Tanzania/Zaire +15390 17. 09-0956 Sun Tsonga to S Moz 7295 76. 1030-1126 PT Angola +11900 335, Moz 9580 20. 11-1156 EG EAF/ME +15390 19; Malawi/Zamb/Zimb 9750 7; WAF/UK/Ireland +21590 335. 12-1256 FR WAF +21590 340, +17810 340; CAF 15125 340. 13-1556 EG EAF/ME +17810 19, Mal/Zam/Zim 9750 7; WAF/UK/Ireland 15125 335, +21590 340. 1530-1756 Lozi to Caprivi & Zambia 9590 355. 16-1656 Swahili Kenya/Uganda/Tanzania +11900 20, 15125 20. 17-1756 GM Germany/Austria/Switz +15185 350, +11900 350. 17-1756 ChiChewa Mal/Zam/Zim 6160 7, 7295 7. 18-1856 Dutch Neth & Belg +11900 250, +15185 352. 18-1956 FR CAF +11775 335, 15390 WAF 335. 18-1856 PT Angola 7295 340, Moz 6160 76. [note 6 xmtrs in use during preceding hour]. 19-1956 PT to Portugal +11900 335 and +15390 340. 20-2056 FR France/Belg/Switz +15390 335, +11900 340. 21-2156 EG UK/Ireland +11900 335, +9580 340; WAF 7295 340. 22-2256 PT Brazil 9580 270, +6065 260. 23-2456 SP NLAam 9580 260, 6160 270; SLAm +6065 240, 9580 260 (via Richard Lemke, St Albert Alta)

S P A I N RNE Radio 1 reported 21/11: Pgms of REE, SW stn of R Nacional, will reach Japan and Philippines, trx to coop agmt to be signed betw R Beijing and RNE this aftn. Pgms of R China [R Beijing] will be bc to Atlantic region of US via RTVE installations in Noblejas (SE of Madrid). In return, REE will use R China xmtrs to enable its bcs to reach Japan and Philippines. Thus the co-op plan betw RTVE and Chinese radio & Tv org, initiated during visit to China by Dir-Gen of RTVE Pilar Miro, is being formalised (WBI 27/11) But when? That, once and for all, should assure R Beijing good sig into ENAM, and make Mali relay only temporary (gh) A startling SW fact unknown to whoever wrote this report: REE already reaches Japan & Phil!!! The China relay will only allow it to reach those areas better. Likewise Sierra Leone's Islamic stn surely reaches more than just 11 countries (gh)

S U D A N National Unity R, (tent), 9560, from 1330 AR polit tlk & Sudan-type mx to 1503* 15/11; other days to 1501*; strongest AR stn on band, covering Vo RE [sic], but moved 18/11 perhaps to 9550 where AR hrd in QRM to 1500*v. Then, 9550 often hd since 18/11 when moved from 9560; 1400-1500*v AR tlks & mx; 21/11 to 1456*, 22/11 to 1507*, vy strong over QRM (Ernie Behr, Kenora Ont) Ernie reported this as claud, but it seems to me this stn which started as black claud contra-SPLA is now overtly govt outlet (gh)

R of the Republic of Sudan, Omdurman, reported 15/12: Mr Tawm Muhammad al-Tawm, Min of Culture & Info, met visiting Japanese delgation today. Also present, Mr Abbas al-Sidiq, dir-gen of tech & engr affairs at Natl Radio & TV Corp. Meeting discussed opportunities for carrying out studies, surveys for project to establish radio bcng stns financed by Japanese govt, w/in framework of Japanese aid to Sudan. To help spread natl & social awareness. Mr Tawm expressed appreciation to Japanese govt for helping establish modern radio bcng net in Sudan. Pledged to provide facilities for establishment of these stns (WBI 18/12)

SWEDEN LMI

S W I T Z E R L A N D SRI D87 in EG: 02-0230 5965 6135 +9725 9885 12035. 04-0430 6135 +9725 9885 12035. 0630-07 15430 +17570 12030. 0830-09 & 10-1030 +9560 9885 17830 21695. 11-1130 9885 11935 +15570 17830. 1330-14 11955 +15570 17830 21695 +China 11695 15135. 1530-16 9885 +15430 17830 21695. 1830-19 on 9885 11955. 21-2130 9885 12035 +15570. To Eu: 0730-08 3985 6165 9535. 13-1330 12030 9535 6165. 18-1830 6165 9535. 2230-23 6190 (via Richard Lemke)

T A I W A N VOFC EG sked effective 1/11 to 30/4/88: 02-03 NAm 9555 5985, Japan & NAm 15345; SEAs 11745 11860; CAm 11740; Au/NZ 9765; HK on 7445. 03-04 NAm on 9555 5985; Japan/NAm 15345; SEAs 11745; Au/NZ 9765; HK 7445. 07-08 NAm 5985. 22-23 Eu 7355 11805 9955; Au/NZ 15370. (via Richard Lemke, St Albert Alta) WYFR relays not specified but I believe they are 9555 5985 11740 7355 11805. Also gives pgm sked indicating the 02 & 07 UTC features are hrd the following day on the 03 & 22 bcs. Also has questionnaire on mx pgms, 31/1 deadline (gh)

TAIWAN (East Asian DX News from Asian Broadcasting Institute via T Kondo)

The following is the schedule of V. of Free China effective from Nov. 1, 1987 to Apr. 30, 1988; 00-01 CH 15130, 11885, 00-01 Amoy 5985, 01-02 CH 15215, 11885, 01-02 Cantonese 5985, 02-03 EG 15345, 11860, 11745, 11740, 9765, 7445, 5985, 5945, 02-03 SP 15215, 11855, 03-04 EG 15345, 11745, 9765, 7445, 5985, 5945, 03-04 Cantonese 11740, 03-04 Amoy 11915, 11825, 9575, 7130, 5980, 03-04 Chauchow 17720, 15370, 15270, 11860, 04-05 CH 17720, 15370, 15345, 15270, 11915, 11860, 11825, 11745, 9765, 9575, 7445, 7130, 5985, 5980, 5945, 04-05 SP 11740, 05-06 Cantonese 17720, 15370, 15345, 15270, 11915, 11860, 11825, 11745, 9765, 9575, 7445, 7130, 5985, 5980, 5945, 06-07 Cantonese 15345, 11745, 9765, 7445, 5985, 06-07 IN 11915, 11825, 9575, 7130, 5980, 06-07 Thai 17720, 15370, 15270, 11860, 07-08 EG 5985, 07-08 VT 15345, 11825, 9575, 7445, 7130, 5980, 08-09 Amoy 5985, 09-10 CH 17720, 15370, 15345, 15270, 11915, 11860, 11825, 11745, 9765, 9610, 9575, 7445, 7285, 7130, 10-11 Cantonese 17720, 15370, 15270, 11860, 9765, 9610, 7445, 10-11 Amoy 15345, 11915, 11825, 11745, 9575, 10-11 KR 7285, 7130, 11-12 Hakka 15345, 11915, 11825, 9765, 9575, 11-12 Chauchow 17720, 15370, 15270, 11860, 11-12 JP 11745, 7130, 12-13 CH 17720, 15370, 15345, 15270, 11915, 11860, 11745, 9765, 7130, 13-14 Cantonese 17720, 15370, 11860, 9610, 13-14 VT 15345, 11915, 9765, 13-14 KR 11745, 7130, 14-15 Hakka 15345, 11915, 9765, 14-15 JP 11745, 7130, 14-15 Thai 17720, 15370, 11860, 9610, 15-16 Amoy 17720, 15370, 11860, 15-16 IN 15345, 11915, 9765, 19-20 CH 15370, 11805, 9852.5, 9510, 04-05 AR 11860, 9765, 20-21 FK 15370, 11860, 11805, 9852.5, 9765, 9510, 21-22 GM 11900, 11860, 9785, 9765, 9510, 9455, 21-22 JP 15345, 11745, 7130, 22-23 CH 11860, 9765, 9575, 9510, 22-23 EG 15370, 11805, 9955, 7355, 22-23 KR 15345, 11745, 7130, 23-24 CH 15370, 15345, 7130, 23-24 SP 15130, 11885, 11860, 9955, 9765, 9510, 23-24 Chauchow 11745, 9845, 9575, A Frq includes WYFR tx. (Matsuo Yamada)

CBS-4 Taipei, 6087, from 1400 CH pgm & songs to 2030 f/out, 14/11; often F-G thru jammer, the only daytime Asian on 49m; must be hi power, tho listed 7.5 kW in WRTH. WYFR relay, 6209.77, hrd 1300-1515 f/out in CH, G 8/11 (Ernie Behr Ont)

THAILAND RNMN reported 3/12: R Thailand, natl & extl svcs currently undergoing major expansion. US financial assistance has supplied some of the latest studio facilities, due to come on air next spring. Also new xmtrs for both dom and extl svcs, and already new fq band plan being researched in assn w/As-Pac BCing Union to relocate DS which now cover arnd 70% of country. ES now on 25 and 31mbs [11905, 9655]. Dir of Engineering at Public Rels Dept is Mr (Sawatitjai). He says the 9 MHz aerial is operating on 50 kW xmtr and 11 MHz 100 kW. ES has 10 langs, very old eqp; govt approved improvement and expansion of SW project for new xmtr eqp and ant fields; will be 250 kW, probably soon, but difficult to answer. Presenter: "Soon" means w/in next 5 years. VOA agmt for the 250 kW and six 500 kW SW xmtrs to be built here. ES of RT will have exclusive use of 250 kW and arnd 12 hpd on one of the 500s; the rest to relay VOA (WBI 11/12)

TUNISIA R Tunisia intends soon to renovate its SW antenna curtains, which have been in use for several years (JADX via IDXCI ADXR Oct) RTT and 1/12: At 2300 gmt, contrary to usual pgms, we'll have nx, and for first time in history begin new xmsn period until 0425, w/nx at 00, 03, summary at 02. NA at 0425, reopen w/Koran at 0430. RTT obs to bc overnight on 630 kHz. At 0425 7475 and 7310 s/on as usual (WBI 4/12)

TURKEY VOT GS in TK: 00-04 Eu/As/Am 17760 9445 7110. 05-10 Eu/As 15405 15200 11860. 10-11 Eu/ME 15200. 11-16 Eu/ME 15200 11965 11955. 16-1655 Eu/ME 15200. 17-23 Eu/ME 9660 9565.

VOT ES: 04-05 EG As/Am 17760 9445. 04-05 Azeri ME 11730 7110. 04-06 TK to Balkans 5965. 10-11 AR ME 11965 11955. 11-1130 EG 9670. 1130-12 RM 9670. 12-1230 SC 9670. 1230-13 AB 9670. 13-1330 HG 9670. 1330-14 EG As 15255. 14-1430 Urdu As 15255. 1430-15 Persian ME 15255. 15-1530 Std Ch 17785. 1530-16 RS Eu 7145. 16-17 AR ME 11965 11955. 17-18 GK Eu 7180. 18-19 AZ ME 7110. 18-22 TK Balkan svc 6155 incl daily 2037-2050 armed forces' pgm. 19-20 GK 7215, 20-21 GM 7215, 21-2150 EG Eu 7215, 22-23 FR 7215. 23-2350 EG Eu/ME/As/Am 17760 9445 7160 7135 (WBI 11/12)

UGANDA R Uganda Red Channel bcs in EG, Swahili, Luo, Ateso, Madi, Karajong, Kumam, Alur, Lubgara, Kakwa. Blue Channel in EG & SH. R Uganda Red: 0300 on 4976, 06 on 7195 to 1130 (Sat & Sun to 1300). From 1300 4976 is used

M-F, and 7195 Sat & Sun until 14 when 7195 is hrd Sundays and 4976 other days. From 1430 on 4976 only to 2105. [I am going to give significant pgms in full as per BBCMS, many in langs we have barely hrd of, let alone hrd, since this info is lacking in WRTH 87]; pgms are nx or nx summaries u.o.s.: 0330-0345 Luo, 0345-04 Ateso, 04-0415 EG(also on Blue), 0430-0445 Swahili, 05-0502 M-F EG. 0601-0602 M-Sat EG(also on Blue exc Sat). 0601-0615 Sur(also Blue). 07-0715 EG(also Blue exc Sun). 08-0802 Sun-Fri EG. 09-0902 EG. 0930-0945 Luo. 0945-10 SH. 10-1015 EG. 1030-1045 Ateso. 1045-11 Sat/Sun Lugbara. 11-1102 EG (also Blue on Sat). 12-1202 Sat/Sun EG(also Blue Sun). 13-1302 EG(also Blue exc Sat/Sun). 1330-1345 Sun-Fri Karamojong. 14-1415 EG(also Blue). 1430-1445 Sun-Fri Madi. 1445-15 Sun-Fri Alur. 15-1502 Sun-Fri EG. 1502-1515 Sun-Fri Lugbara. 1530-1545 Sat Madi. 1545-16 Sat Alur. 16-1602 EG. 1602-1615 M-F in Ateso. 1602-1615 Sat Lugbara. 1615-1630 Sat & Sun Ateso. 1630-1645 Luo. 17-1715 EG. 18-1802 EG. 1802-1815 SH. 1830-19 M-F Nx magazine in EG or SH. 19-1915 EG(also Blue). 1930-20 Sat EG Issues of the Week. 20-2002 EG. 2002-2055 M-F Current affairs pgm in SH. 21-2105 Natl Anthem. Also on AM & FM.

R Uganda Blue Channel: 0300(Sat/Sun 0345) on 5026. 06 on 7110 to 1130. Sat/Sun 1130-13 on 7110. 13-14 on 5026 exc Sat/Sun on 7110. 14-1430 on 5026 exc Sun on 7110. 1430-21 on 5026. Blue is in EG & SH; 04-0415 EG, 0601-0602 M-Sa EG. 0601-0615 Sun EG. 07-0715 M-Sa EG. 10-1015 EG. 11-1102 Sat EG. 12-1201 Sun EG. 13-1302 M-F EG. 14-1415 EG. 1730-1735 EG Up-country nx, or alternate timing 1745-1750. 1830-19 Current Affairs in EG. 19-1915 EG (WBI 4/12)

U S S R R Moscow WS on 6095 in EG 1400-1700* & //7345 to 1900 f/out, 22/11; both vy strong & sound like relays, but apparently via USSR at this time, tho at 0600 both seem via Cuba. RM relay via Cuba on new 6190 in SP *23-04*, vy strong & QRMing VOA in SP, 3/12; this is "glasnost"?

Krasnoyarsk on 5190 from 0100 RS nx, tlk & songs to 0300, relay of 1st pgm, G 30/11; path to my QTH is vy close to North Pole. Alma-Ata on 9780 & 11950, from 0200 KZ & RS nx, 0220 IS & "R St Zemlyá i Lyúdi" to 0239, UTC Sun 22/11; "R Stn Land & People" has own IS & probably also uses other Soviet xmtrs at diff times. (Ernie Behr, Kenora Ont, 10/12)

On R Moscow DX pgm 16/11, DX ed condemned R Tirana for using 40m hamband "illegally & in violation of intl law"; rather amusing, since nothing was said about R Moscow using this band to NAM for decades & other Sov violations of intl law. RM Cuban relay or. 6095 now hrd in EG to 1700*, //11840 14/11 (Behr)

TASS reported 17/11 from Alma Ata: Bcs in GM customary for Kazakhstan where about a million Sov citizens of German natinality live. Daily bc acquaints listners w/life facets: problems of restructuring, developing culture, science, sports nx. "We aspire to make our bcs as substantive as possible," said Adam Mertz, head of GM-lang bcng svc of republican radio of Kaz. Perfexion of lang of xmsns is especially important due to dialectical varieties. Colleagues from GDR give great assistance. [WBI published skeds 40, 12, and 9 weeks ago] (WBI 27/11)

In its 27/11 issue, BBCMS published its twice-yearly USSR ES bc sked for R Moscow, RSP&P, R Magallanes. Far too extensive to do justice to here; any particular lang svcs requested by readers may appear in next issue (gh)

R Stn Peace & Progress, in EG: 14-1430 As 15470 11835 9790 7440. 1630-17 ME/As 9715 9675 6005 5935; 1630-17 Af 9860 9515 9490 9470 9460 (WBI 27/11) RM EG to Af incl Afrikaans Fri at 1745 apx: 17-18 11725 9830 9820 9810 9630 9515 9490 9470 7325. 18-19 EG & Zulu to Saf on 9730 7400 7315 7200. 20-21 EG to Great Britain & Ireland 7170 7150 7115 6175 6030 6020 5935 5920 5905.

20-21 EG to Af 11725 9810 9760 9630 9620 9470 9450 7400 7315 7200.(WBI 27/11)

All Union R, Moscow, reported 26/11: A new Tajik R pgm in lang of Crimean Tatars, regular nx and mx bcs for Crimean Tatars living in the [Tajik] republic. Has requested this section of population to come up w/suggestions for pgm content. Also bcs in Tajik, Russian, Uzbek, Kirghiz, German (WBI 4/12) See WBI of 10 and 13 weeks previous.

Some ES from regional stns: Estonian R, Tallinn: 08-09 Sun Finnish 5925 & 1035, 09-10 Sun Swedish same, includin Esperanto 0923-0928 1st & 3rd Sun. 0915 -10 M-Sat FN 1035. 0930-21 Sun Estonian 5925, relay pgm 1. 1005-11 M-Sat Fin & Est 1035. 16-1630 M-Sa FN 5925 1035. 1630-21 M-St Est 5935 pgm 1 relay. 2105-2135 daily SD 5925 1035 incl Esperanto 2128-2133 1st and 3rd Thu. 2135-2205 Est daily 5925 1035. (WBI 4/12)

Latvian R, Riga. Svc in Lat goes under title "Amber Coast" radio [Dzintarkrasts]. Sun 08-0830 SD 5935 576. Sun 0830-0930 LV 5935 1422 1350 576. 12-13 M/W/T/S RS RStn Atlantika 5935. 15-16 Sun RS 5935 incl Sun 1510-16 Atlantika,

20-2020 Wed LV 5935 relay mx from first pgm. 2020-2050 Wed LV 5935 1422 1350 576. 2020-2050 T/T/S SD 5935 576. 2050-2103 T/W/T/S LV 5935 nx relay pgm I. 2103-2130 T/T/S LV 5935 relay mx pgm I. 2103-2200 Sun LV & 2130-2200 Wed LV Eu 5935 1422 1350 576. 2130-2200 T/T/S Eu 5935 1350 576 (WBI 4/12)

R Kiev: 0030-01 EG Am 13645 11860 11790 7165 6200 6020. 03-0330 EG Am on same [usually there's one fq the two xmsns don't have in common -gh] 0330-04 UK Am 7165 6200 6020. 1530-16 Moldavian Eu 891=unconfirmed. 17-18 GM Eu 7170 6165 6090 6010 5905. 18-1830 UK Eu 7170 6165 6090 6010. 19-1930 EG Eu same. 1930-20 UK Eu same. 22-23 UK Am 13645 11860 11790 7150 7135. 22-2330 UK Eu 1242 999. All one hour earlier in summer (WBI 4/12)

R Yerevan: Some pgms one hour earlier during summer time; exact timing of nx in EG, FR or SP at end of some AM xmsns is subject to slight variation. 0330-0355 AM & 0355-04 EG NAm 13645 11860 11790 7165. 08-0850 Sun AM & 0850-09 FR Eu 15510 15485 15455. 1630-1730 AM/TK/Persian ME 6065 4990 864. 1730-1830 AR ME same. 1830-21 AM/TK/Persian ME same. 2130-2150 AM & 2150-22 Sun AM & 2150-22 M-Sat FR Eu 7300. 22-2250 AM & 2250-23 SP LAm 9480 9470 (WBI ")

Mayak reported 20/11 from Riga: Many inhabitants of Riga are listening to today's News from Latvia in stereo. A new channel of comms w/Moscow has been set up and new switching and monitoring equipment has been installed in order to receive Mayak in stereo on medium wave [as hrd]. Its sound has now become much clearer and fuller. In future, it will be possible to receive Mayak stereo in all of Latvia (WBI 11/12) So did Kahn or C-QUAM win this one? I find possible fqs in WRTH 87 are 1071 & 1539. Wait'll they hear music in stereo! (gh)

R Tashkent ES: 0030-01 Uighur As 5915 5035. 0230-03 Uzbek ME 9785 7335 5975 5955. 03-0330 Persian ME same. 12-1230 EG As 11785 9600 9540 7275 5945. 1230-13 Urdu As same. 1230-1330 Uighur As 5915 5035. 13-1330 Hindi As, 1330-14 EG As, 14-1430 Urdu, 1430-15 Hindi all on 11785 9600 9540 7275 5945. 1430-15 Uighur As 5915 5035. 1520[sic]-16 Uzbek ME 7275 6045 5975 5945. 1530-16 Uighur As 6135 5915 5035. 16-1630 Persian ME, 1630-17 AR ME, 17-18 Uzbek ME all on 9540 7275 6045 5975 5945. 2230-2330 Uighur As 5915 5035 (WBI 11/12)

R Baku ES: 0330-0415 Persian ME 6135 6110 1296. 11-1145 Persian ME 6135 6110. 12-13 TK Eu 6135 6110 1296. 13-15 Azeri ME same. 15-16 TK Eu same. 16-17 AR ME same. One hour earlier summer (WBI 11/12)

Kazakh R, Alma-Ata ES in Kazakh to As on 5915 & 5035: 00-0030, 01-0130, 1330-14, 14-1430, 15-1530, 16-1630 (WBI 18/12)

UNITED ARAB EMIRATES V of UAE, Abu Dhabi, 5955, in AR 1400-1530 f/out, G 2/12 //9595 in QRM (Ernie Behr, Kenora Ont)

VATICAN LMI

U S A At 0230 2/12, WRNO and revised winter fq sked:00-0040[sic] 7355, 04-06 6185, 16-22 15420, 22-24 13760 (WBI 11/12) Also before 16 on Sundays on 11965. Look for possible resumption of Sunday morn bc of WORLD OF RADIO at 14 or 1430, on that fq or 9715 (gh)

WCSN revised sked effective 4/1 to 6/3: 12-14 5980 45 degrees to E Canada. 14-16 13760 60 ECan/Eu. 16-18 21515 105 SAf. 18-20 21515 75 Eaf. 20-22 15230 90 Waf. 22-24 9495 60 Eu. 00-02 9850 90 Waf. 02-04 9850 75 Eaf. 04-06 9870 90 Waf. 06-08 7365 60 Eu. 08-12 off the air. (George Jacobs, MD) One must wonder why so much concentration on Africa--twice as many hours as to Eu (gh) see also SAIPAN # Africans riper for CS conversion, not being into modern medicine

C L A N D E S T I N E C R A N N Y R Liberación Onda Corta, 5889.1, hrd 29/11 from 0200 SP & Misk tlks, NA to 0306*+; also 1/12 at *1055-1208* w/similar pgm, 4/12 until 1238*, strong sig in AM mode. R Liberación/SRRN [Sistema Radial de la Resistencia Nicaragüense], 5929.3v, hrd 1/12 from *1157 ID & "Informativo el Libertador" to1315 f/out, //6214.4, both AM & strong; also 9/12 at 2300-2415* w/NA on 5929.4 & 6214.4. Two contra stns now called R Liberación, all others apparently extinct (Ernie Behr, Kenora Ont)

Our Radio (Turkish: Bizim Radyo) supports Turkish Communist Party and was closely linked w/the V of the TCP, which closed down on 15/11/87. Our Radio was first hrd on 21/3/58. It gives addr as Box 16-367, S-103 27 Stockholm, Sweden. Some xmsns (svc 1) emanate from a xmtr believed to be in the GDR and these will be hrd one hour earlier during summer time. Remaining xmsns (svc 2) are believed to emanate from a xmtr in Romania. They are not affected by changes to winter [sic] time. Our Radio (1): 50 mins in TK to Eu: 07 on 6200; 08, 11, 12, 15, 16 on 7335. (2): 30 mins 1015 & 1445 on 9500, 20 & 2030 on 5915 (WBI 11/12)

Edu Puligalin Kural Indian Peace Keeping Force captured LTTE radio and TV stns while moving towards Jaffna in their mily operation to disarm the LTTE guerrillas. Eqp seized and that which could not be taken was destroyed. Employees in the installation arrested (Dr Supratik Sanatani, Oct IDXCI ADXR)

V of the People, presumed xmtd from S Korea, introed new svc on 6600, 3912, first noted 15/10. Svc on 4027v continues. Recent sked: 03-04 6600, 04-05 on 4027v, 09-10 6600, 13-14 4027v, 15-16 3912, 20-21 4027v & 3912. Pgm on 3912 does not synchronize w/4027v at 20-21. Some fqs are jammed (A Shibuta & Toru Yamashita, Japan, East Asian DX News from the Asian Broadcasting Institute, translated & via Tetsuya Kondo, 16/11)

V of National Salvation, favours reunification of Korea from N Korean point of view. First hrd 26/8/70 and opd under name V of the Revolutionary Party for Reunification until 15/8/85 when changed name to VONS (Korean: Kugukui Sori Pangsong). Stns xmtrs believed to be in N Korea. During summer time in S Korea pgms one hour earlier than: 03-06 & 20-23 on 4557 4450 3480 1053; 10-1630 on same plus 4120, all in Korean (WBI 4/12) Note some new fqs there! (gh)

[The following is so hilarious, I can't resist reprinting it in full -gh] KCNA News agcy, Pyongyang, reported in English 0814 6/12: The "South Korean National Democratic Front" (Hanminjon) strongly demands an immediate end to slanders and jamming of the S Korean military dictators against radio "Voice of National Salvation". It vehemently denounces the base intrigues of the military dictators, branding them as one more wicked fascist move to prevent the influence of the voice of truth, wave of Chuche [North Korean ideology], in this land and as a villainous challenge to the entire patriotic people thirsty for the freedom of speech and the voice of truth.

A spokesman of Hanminjon said this in its press statement which was issued on 2/12, condemning the Chon Tu-hwan/No Tae-u fascist clique for viciously resorting to slanders and jamming against radio "V of National Salvation".

He pointed out: In fact, radio "V of Natl Salvation" oi Hanminjon is an inspirer which gives courage and confidence to our people fighting for independence, democracy and reunification and a powerful dagger which gives uneasiness and fear to the reactionary forces engaged in aggression and treacheries.

This is why the fascist treacherous forces have resorted to all sorts of malicious slanders, abusing our radio "V of Natl Salvation" as "black radio of the North" and "illegal propoganda" in an attempt to block its influence from the first days of its beginning and addressed themselves to jamming against our radio wave.

The Chon Tu-hwan/No Tae-u fascist cliques' slanders and jamming against radio "V of national Salvtn", a genuine mouthpiece of the will of the people, fully show how hypocritical and deceptive are its "commitments" to the democratisation of society and the freedom of speech.

[Pitiful thing is, there is probably a grain of truth in the above tirade]

LAST MINUTE ITEMS MALI Don't be too hard on yourself for not having put two and two together, concerning the item in Nov LN about Beijing's aid to Malian R. I haven't hrd of anyone who made the connection [except in retrospect]. Too, the WBI item says nothing about possible RB use of the xmtrs. It makes the whole operation sound like an ordinary for aid project, the sort of thing which might eventually get a short mention on the RB pgm "In the Third World" and nothing more. Since I'm not technically minded, I was baffled as to possible QTH. At first, I considered W Hemisphere but quickly discarded-I didn't think agmt w/RFI reinstated; 9770 diff enough from RN Amazonia 9760 that it couldn't be Brazil; and any spare xmtr capacity in Cuba would be soaked up by RM relays. I had gut feeling wasn't Gabon because of mod. Nigeria possibility. However, nagging at me then was (under)used site at Nador, Morocco; that was my final guess as the 'surprise' site, until nx of Mali broke (Wm Westenhaber, Quebec)

NETHERLANDS Thx for complete RN sked in Dec LN; but not easily available on req from RN. Asked for one w/new Booklist from Marks, but only got Booklist (Wm W.)

SWEDEN I think 6065 for RSI at *2300 in Dec LN-32 is a WBI typo; I hrd them on 6045 as recently as 12/12. Granted, sig pretty poor due to QRMoscow, but there.

VATICAN Re Dec LN-33, Vatican R still using 7315 at *0050 EG, in addn to listed fqs: 7315 also for *0000 SP, *0030 FR, confirmed by monitoring last weekend (both: Wm. Westenhaber, Montreal PQ, 15/12)

DXLD-18 mailed to subscribers 22/12. 73 in 88!

QSL REPORT

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

ALASKA: KNLS 7335 f/d cd. in 19 ds. for ms. (Renfrew-NY). 11820 f/d cd. w/ ltr. & sticker in 26 ds. for 1 IRC. v/s Ann Bailey, Secretary. (Rutsch-SWIT).

ARMENIAN SSR: Radio Yerevan 13645 f/d plain paper cd. in 92 ds. for 1 IRC. (Wilkins-CO).

ASIATIC RUSSIA: Radio Moscow 17880 via Irkutsk f/d cd. in 50 ds. (Renfrew-NY). 9530 via Kenga f/d "Sherry Lynn" poster cd. in 2 mo. (Wallace-MA). Does anyone out there have a comprehensive listing of Soviet transmitter sites for NASWA country counting purposes?...Sam.

AUSTRALIA: VL8A 2310 via Alice Springs f/d ltr. in 30 ds. for 1 IRC. v/s Karen Kane, Broadcast Production Officer. (Cones-VA). VL8K 2485 via Katherine f/d ltr. in 32 ds. for 1 IRC. (Cones-VA). VL8T 2325 via Tennant Creek f/d ltr. in 1 mo. for 1 IRC. (Cones).

BANGLADESH: Radio Bangladesh 15525 n/d "Bengal Tiger" cd. w/ schedule in 73 ds. for 2 IRCs. (Stephens-AL).

BELGIUM: Belgium Radio and TV (BRT) 15590 ltr. in 115 ds. (Edwards-OH). cd. w/ ltr. in 31 ds. (Edwards).

BENIN: La Voix de la Revolution 4870 f/d cd. in 1 mo. for a FR rpt. and ms. (D'Angelo-PA).

BOLIVIA: Radio Panamerica 6105 f/d cd. w/ personal ltr. in 32 ds. after a f/up rpt. in SP. Total time was 158 ds. v/s Daniel Sanchez Rocha, Sub Director. Reply was received via registered mail. (Rutsch-SWIT).

BULGARIA: Radio Sofia 6070 f/d cd. in 18G ds. (D'Angelo-PA). 9700 f/d cd. in 13 mo. w/ pennant, sticker, maps, travel literature and other data. (Weber-OH).

CANADA: CBC Northern Quebec Service 6195 and 9625 f/d cd. in 18 ds. for ms. (Renfrew-NY). BBC 6120 via Sackville (RCI) n/d cd. in 40 ds. (Renfrew-NY).

CAPE VERDE ISLANDS: Radio Nacional Cabo Verde 3531 f/d ltr. w/ schedule in 30 * ds. for a PT rpt. and ms. (which were returned). This was after 9 f/up rpts. over a total of 947 ds! v/s Carlos F. Goncalves, Director. Persistence is the answer for this one - I've used ms., IRCs, cash and registered letters. Obviously my most sought after QSL!!! (Van Horn-FL).

CELEBES: RRI Ujung Pandang 4719 f/d B&W "RRI Logo" cd. in 89 ds. for an IN rpt. and US \$1.00. v/s A. Nyongki, BA. This was for a 1982 reception after 2 f/up rpts. (Buer-FL).

CHAD: Radiodiffusion Nationale du Tchad 4904.5 p/d "Natives" cd. in 34 ds. for a FR rpt. and ms. v/s P. Danhet Qualbadet. (Stephens-AL). Radio Moundou 5286 f/d prepared cd. w/ form ltr. and a hand written personal note in 31 ds. for a FR rpt. and 2 IRCs. v/s Mimos Jacques. (D'Angelo-PA).

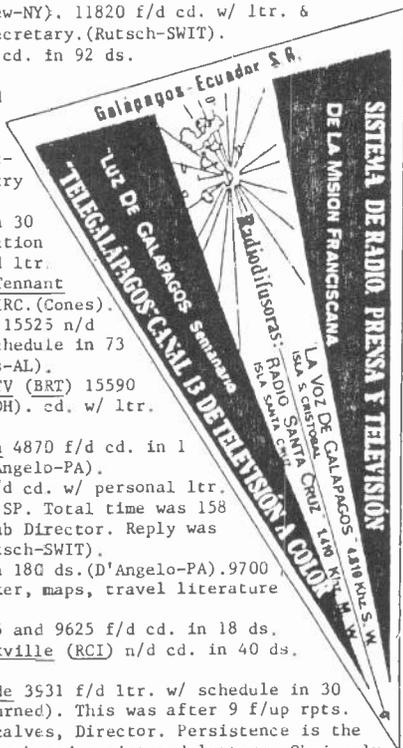
CHINA, PEOPLES REP. OF: Radio Beijing 9665 f/d cd. in 25 ds. w/ sticker, canvas bag, calendar and various books. (Leite-MA)...Steve, thanks for the letter. Haven't

* heard from you in quite a while...Sam. Swiss Radio International 15135 via Kunming f/d photo of "Glarus-Lansgemeinde, Open Air Parliament" cd. in 16 ds. (Buer).

CLANDESTINE: La Voz del CID 9940 p/d cd. w/ 2 stickers in 1 mo. for 2 IRCs. QSL arrived via the Costa Rica address. (Renfrew-NY).

COLOMBIA: Radio Melodia 6045.6 n/d personal ltr. in 3 mo. for a SP rpt. and ms. This was after 2 f/up rpts. Also rcvd. stickers. v/s Elvira Mejia de Paez, Gerente General. (Allen-OK).

COSTA RICA: Radio Reloj 4832 p/d "Globe" cd. in 36 ds. for ms. and a SP rpt. (D'Angelo-PA).



Dear Mr. Gavarasi:

We are pleased to confirm your reception of broadcasts of the Voice of America - Radio Martí Program.

We hope that this confirmation letter will be satisfactory until our QSL cards are printed. You will receive a QSL card when they become available.

The Radio Martí Program broadcasts on medium wave frequency 1180 kHz from 0930 - 1700 and 2030 - 0300 (UTC) (0930 a.m. - 1330 p.m. and 1630 - 2300 Eastern Daylight Time) with 50,000 watts power. Currently, the Radio Martí Program also broadcasts on shortwave frequencies as noted below:

TIME (UTC)	EASTERN TIME	FREQUENCY	POWER (Watts)
0930-1200	5:30 am - 8:00 pm	6075 kHz	250,000
1200-1400	8:00 am - 10:00 am	9570 kHz	250,000
1400-1730	10:00am - 1:30 pm	11815 kHz	500,000
2030-2300	4:30pm - 7:00pm	11960 kHz	500,000
2300-0300	7:00pm - 11:00pm	9660 kHz	250,000

Thank you for your interest in the Radio Martí Program. We hope you will continue to enjoy our programming.

ISRAEL: Reshet Bet 15615 f/d cd. in 40 ds. (Renfrew-NY).

JAPAN: Radio Japan 15300 n/d cd. in 30 ds. (Rei.Frew). 6120 (probably via RCI) n/d cd. in 21 ds. (Leite-MA).

JAVA: RKIP Surabaya 4699 f/d form * ltr. in 21 ds. for an IN rpt. and ms. v/s Mrs. Koen Tarjadi. (Wilkins-CO). RRI Sumenep 3365 ltr. in 370 ds. for an SASE (not used) in 32 ds. after a f/up rpt. in IN. (Darling-PAPUA).

KIRIBATI: Radio Kiribati 16431 cd. in 2783 ds! Sent station 2 cassette rpt.s., 5 IRCs and 3 f/up rpt.s. (Schulze). cd. in 25 ds. for 1 IRC. w/s Mrs. T. Paeniu. (Darling-PAPUA).

LITHUANIA: Radio Vilnius 13645 cd. in 50 ds. (Darling-PAPUA).

MALTA: Radio Mediterranean 6110 f/d cd. in 55 ds. for 1 IRC. (Renfrew). Deutsche Welle 9545 n/d cd. in 1 mo. (Renfrew-NY).

MAURITANIA: Radio Nationale Mauritanie 4845 f/d "National Colors Map" cd. in 21 ds. after 4 f/up rpt.s. in FR for US \$1.00. (Van Horn-FL).

NIGER: La Voix du Sahel 5020 f/d cd. in 74 ds. Also rcvd. a Radio Moscow cd. via Niger. All this for a FR rpt. and a tape. (Leite)...Great!

NIGERIA: FRCN-Radio Nigeria 6050 via Ibadan n/d personal ltr. for an B3 reception in 1 mo. for 1 IRC. v/s Mrs. Bisi Kasumu. Station says they are still on SW. (Allen-OK).

NORWAY: Radio Norway International 9655 via Kvitsoy and 15225 via Sveio f/d cd. in 35 ds. (Renfrew).

PAPUA NEW GUINEA: Radio West Sepik 3205 p/d personal ltr. in 25 ds. for 1 IRC. v/s Gabriel Deckwalen, Station Manager. (Allen-OK). Radio Eastern Highlands 3395 f/d "NBC" cd. w/ personal 2 page ltr. in 3 wks. for 1 IRC. v/s Robert Taula, Station Technician. (Allen-OK). PERU: La Voz de la Selva 4825 f/d personal ltr. in 1 mo. for a SP rpt., ms., and a taped rpt. v/s Dulce Nombre Padilla. (Eckert-PA).

Radio Tropical 4936 cd. in 1 mo. for a SP rpt. and 1 IRC. Pennant rcvd. (Schulze). Radio Ancash 4991 p/d cd. in 28 ds. w/ ltr. for a SP rpt. and ms. v/s Armando Moreno Romero, Gerente General. (D'Angelo-PA).

PHILIPPINES: FEBC 15445 f/d "Sunset over Manila" cd. w/ schedule and personal ltr, pennant and sticker in 36 ds. for 2 IRCs. v/s Mrs. Alida Landman, QSL Secretary. (Stephens). VOA 9670 f/d "White House at Night" cd. in 102 ds. (Stephens).



QSL

Certificado de Sintonia

Emisor: Radiodifusora Huanta, Huanta, PERU
A Sr. Kirk S. Allan

Muchas gracias por su informe de recepción. Tenemos el gusto de confirmar su control de nuestra emisión en 4891.7 kHz de fecha 27 de mayo de 1987 a las 05.09-06.21 horas de Perú con 1,000. vatios de potencia.



Signature and official seal of the station.

QSL

Verification Card

Station RADIO FREE GRENADA
To Mr. MICHAEL S. HARDESTER

This is to confirm your reception of our transmission dated 17 Jan 1987 2406 2202 hours UTC on a frequency of 16045 kHz. with _____ watts.

Sorry about the delay, Mike. We are now under new management. You are not the only one who got no response. Best lobbys around here. We care no longer on SW but I hope to re-activate that mode in the coming years.

Best wishes

X Signature

RADIO GRENADA

Signature & Official Seal

PORTUGAL: RFE/RL 11790 via Gloria f/d cd. in 2 wks. for ms. (Renfrew). 21500 via Gloria f/d cd. in 7 ds. For ms. (Renfrew). Adventist World Radio 9670 via Sines f/d cd. via Forli address. (Renfrew-NY). QATAR: Qatar Broadcasting Service 15265.7 f/d cd. in 2 mo. (Barto-CT).

SEYCHELLES: FEBA 11845 f/d "Map" cd. in 173 ds. for a taped rpt. and ms. v/s J. Reddy, QSL Secretary. (Stephens-AL).

SRI LANKA: SLBC 9720 f/d cd. in 90 ds. for 2 IRCs. (Wilkins-CO).



SOUTH AFRICA: Radio Oranje 3215 p/d ltr. w/ sticker in 28 ds. for US \$1.00. (Wilkins-CO). Radio Orion 3955 f/d "SABC" cd. in 40 ds. v/s Minnie Visser. (D'Angelo). cd. in 43 ds. (Darling). Southern Sounds 3927 ltr., sticker and schedule in 33 ds. v/s Robert E. Edwards. (Darling).

SPAIN: REE 9765 f/d cd. in 55 ds. (Renfrew). SULAWESI: RRI Ujung Pandang 5046 (?) cd. in 327 ds. for SASE (not used). (Darling-PAPUA).

SWITZERLAND: RCBS 9725 p/d cd. in 25 ds. for 1 IRC. Schwarzenburg possible site. (Renfrew). 6135 f/d cd. in 1 mo. for 1 IRC. (Renfrew). Radio Switzerland 9885 "Zurich National Museum" cd. in 16 ds. (Edwards-OH).

TANZANIA: Radio Tanzania 9684 p/d "Map" cd. in 35 ds. for ms. w/ SASE. (Archer-NC).

UNITED ARAB EMIRATES: Voice of the United Arab Emirates 11865 f/d cd. in 50 ds. for 1 IRC. (Renfrew-NY).

UKRAINE: Radio Moscow 9685 via Vinnitsa f/d cd. in 43 ds. (Paszkievicz-WI). 9865 via Simferopol f/d cd. in 43 ds. (Paszkievicz). 9880 f/d cd. in 50 ds. (Renfrew). 7105 and 7400 f/d cd. in 50 ds. (Renfrew-NY).

USA: VOA 6030 via Bethany f/d cd. in 10 ds. (Renfrew-NY). Radio Marti 9525 via Bethany f/d cd. in 75 ds. w/ separate enclosure indicating transmitter sites for each frequency. (Renfrew). Radio Earth International 7355 f/d cd. in 28 ds. (Edwards). WYFR 15440 f/d cd. in 1 mo. (Renfrew). Voice of Free China 5985 via WYFR f/d "Bamboo Forest" cd. in 29 ds. (Edwards-OH).

USA (Pirate): WBRI 7414 f/d cd. in 52 ds. for 3 ms. (Stephens-AL).

USSR: Radio Station Peace and Progress 13615 f/d cd. in 74 ds. (Paszkievicz-WI). Radio Rodina 13755 f/d "Logo" cd. in 123 ds. (Stephens-AL).

WEST IRIAN: RRI Biak 5982.5 p/d personal ltr. in EG in 2 mo. for an IN rpt. v/s Mughtar Yoshaputra BA. Addr: P.O. Box 505, Biak 98101, Indonesia. (Barto)



RRIAS
BERLIN

I guess that does it for another time. If the postal rates go up (as is presently being planned), this column may get even shorter. We'll see what happens. Anyway, best of DX and QSLing.....Sam.

Sam

Radio Melodias

TARJETA DE VERIFICACION

SR.: RON HOWARD

DIRECCION: P. O. BOX 30060 SANTA BARBARA

PAIS: CA 93130 USA.

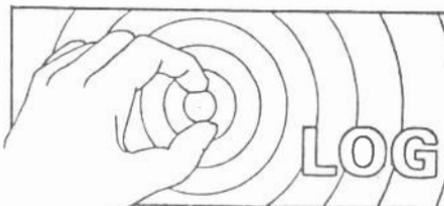
Confirmamos su recepción de fecha 14 de Mayo de 1986

en la frecuencia . . . 6240 hora 20.45 a 22.00 hrs.

la que es correcta y conforme a la programación de ese día.

Atentamente,





FRENDX LOG REPORTERS

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

FRENDX CONTRIBUTORS ** JAN. 1988 ** DEADLINE = 12th

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WELCOME TO FRENDX 1988 ===== MAY THIS BE OUR BEST YEAR EVER

I WOULD LIKE TO TAKE THE OPPORTUNITY TO THANK EACH AND EVERYONE OF THE (CONTR)IBUTORS WHO SENT ALONG HOLIDAY GREETINGS TO MY FAMILY AND I. THE VERY BEST TO ONE AND ALL IN NASWA AS WELL.....

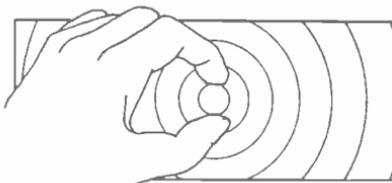
THIS MONTH FINDS SOME NEW NAMES AND SOME OLDER MEMBERS WHO ARE REJOINING US AFTER VARIOUS LENGTHS OF LEAVE. ANY OF YOU OUT THERE WHO HAVE BEEN ABSENT FOR AWHILE, PLEASE FEEL FREE TO REJOIN THE RANKS AT ANY TIME. WE WOULD LOVE TO SEE YOUR LOGGINGS ONCE AGAIN MY FRIENDS...

FOR THOSE OF YOU WHO HAD INQUIRED AS TO LOG C THIS PAST ISSUE, FEAR NO MORE. JERRY IRVINE HAS WORKED OUT THE BUGS IN HIS COMPUTER PROGRAMS AND THE ILLNESS THAT HAD HIM LAID UP HAS DEPARTED FOR THE MOST PART. PLEASE FOLKS, BEAR WITH ANY NEW EDITORS FOR A FEW MONTHS. IT TAKES A LITTLE TIME TO GET INTO THE SWING OF THINGS AND DOING A MONTHLY COLUMN, ESPECIALLY THE SIZE OF LOG-C IS NO PICNIC. IF YOU THINK IT IS, WHY NOT CLIMB ONBOARD AND GIVE ONE OF THE LOG COLUMNS A TRY NEXT TIME THERE IS AN OPENING, ITS NO EASY MATTER AND REQUIRES A LOT OF TIME AND EFFORT, BE THANKFULL THAT WE HAVE SOME OF THE BETTER EDITORS IN THE HOBBY !!!!!

THOSE OF YOU WHO ENJOY THE UTILITIES MONITORING ASPECT OF THE HOBBY AND HAVE PURCHASED THE "UTILITY QSL ADDRESS GUIDE", VOLUME ONE, EDITED BY JOHN HENAULT AND HIS GOOD FRIEND DARYLL SYMINGTON, WILL BE PLEASED TO LEARN THAT VOLUME TWO, "THE REST OF THE WORLD", IS NOW READY AND CAN BE ORDERED BY MAILING \$12.95 PLUS \$2.00 FIRST CLASS POSTAGE (USA ONLY). TO "RADIO INFO SYSTEMS", PO BOX 399, HOLLAND, OHIO 43528. THIS ISSUE IS ABOUT 100 PAGES IN LENGTH, AS WAS VOLUME ONE, HOWEVER THIS VOLUME TWO EDITION ALSO HAS A CALL SIGN CROSS REFERENCE SECTION INCLUDED AT THE END OF THE BOOK. FOR THOSE OF YOU WHO ARE INTERESTED, "TRY IT, I'M SURE YOU'LL LIKE IT", A LOT OF HARD WORK HAS GONE INTO THIS ADDRESS BOOK TO MAKE IT THE MOST UP TO DATE, REASONABLY PRICED BOOK AVAILABLE ON THE MARKET TODAY.

THAT ABOUT DOES IT FROM HERE FOR THIS MONTH FOLKS. HAVE TO FINISH UP MY LAST BIT OF CHRISTMAS SHOPPING FOR THE WIFE AND KIDS HHIH. TAKE CARE AND I'M LOOKING FORWARD TO ANOTHER YEAR AS YOUR EDITOR.

*Best Regards
John*



LOG REPORTS

section B

4900 to 6199 kHz

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

- 4902.5 EGYPT Cairo, Koran to 0428 11-30, talk, back to Koran 0432; ID 0500, familiar chimes. and mx bridges; spur? (Rippel-VA); genl AR prgm 0443 11-14, AR mx, //9620, 9805 (Johnson-GA); unid. IS 0330 11-10, ID by man, Koran (Leskowitz). Surely them--JB.
- 4904.5 CRAD N'djamena, *0458 11-13 with kids chorus, NA, ID, TC, prgm sked, blasted by Jamming after 0501 (Rugg-QUE); poor under crude jammer (Libya?) 0535 12-1(Figliozzi-NY).
- 4905 BRAZIL R. Relogio Federal, 0700 11-27, weak with PT talk by man, usual format of woman giving TCs every minute; covered by Araguaia s/on 0711 with ID, ballads (Alexander-PA).
- 4905 UNID. Oriental talk 2220 11-24, M&W, no mx, strong, QRM, Beijing listed (Wallace-PA).
- 4910 HONDURAS LV de la Mosquitia, 0220-0300* 11-7, ID, LA mx, address (Schulze-GFR); in EG with relig. prgm, ID in SP, 0226 11-11 (Paszkiwicz-WI); in EG at 0231 11-19, ID, relig. message (Bryant-GA); to 0301* 11-27, rel.talk, ID, instr.m. (Alexander-PA).
- 4915 BRAZIL R. Anhanguera, 0058 11-5 with talks by man, ID at 0100, short bits of mx, more talks, fair overall signal (Wallace-PA).
- 4915 GHANA Accra, *0525 11-8 with guitars, drums, vernac.ID, choir, ID as GBC "Radio 1" (Schulze-GFR); ID in EG 0530 11-24, relig.messages, morning mx, good sig (Figliozzi-NY).
- 4920 AUSTRALIA ABC-Brisbane, 0850 11-23 with opera mx, no ID hrd (Eckman-CA).
- 4920 ECUADOR R. Quito, in SP at 0120 11-25, LA mx, SP IDs (Feeley-GA).
- 4930 GEORGIAN SSR? RM, light mx 0245 11-25, IS, pips at 0300, talk by man, fair (Wallace-PA).
- 4932 NIGERIA R. Nigeria, 0605-0630* 11-26, EG talk on economics, //4990 (Alexander-PA).
- 4936 PERU R. Tropical, 0300-0402* 11-21, LA mx, DJ chatter, ID, s/off w/NA (Alexander-PA).
- 4940 MARSHALL IS. WS20, 0819 on 11-23 with island mx; no ID, so presumed (Eckman-CA).
- 4950 CLANDESTINE Voz de Verdade, rooster crow 0326 11-29, 9-note IS, full ID 0328, NA, talk, same ID as Galo Negro (Leskowitz); ID, talk by M&W, 0333 11-27 (Alexander-PA).
- 4952.5 ANGOLA R. Nacional, hi-life drums 0255 11-19, ID, nx for two minutes, back to mx, poor overall (Bryant-GA); 0200-0245 on 11-27 with PT talks by man, light pops, EZL mx, //3376, 3355 (Alexander-PA); pop mx at 0300 11-6, man talking, almost nightly (Leskowitz).
- 4957 MADAGASCAR Tananarive, *0157 11-27, IS, anthem, FR opening armts, local mx, //3288 (Alexander-PA); rock mx at 0230 11-26, talk, clear ID 0240; Baku usually here (Leskowitz).
- 4965 BRAZIL R. Poti, EZL mx at 0135 11-26, some movie themes (Tuchscherer).
- 4969 VENEZUELA R. Rumbos, 0250 12-1, poor with IDs, several men speaking (Bauernhuber).
- 4976 UGANDA Kampala, tentatively them at 2025 11-17, African mx, gal talking, //5026 possible but very weak (Leskowitz); 2040 on 11-29, soft EZL mx, man host, lady with prayer 2056, closing armts, fqys at 2057, 2100*, poor overall with deep fades (D'Angelo-PA); EG 0410 11-28, nx, hard to understand annrc (as usual), into vernac.talk at 0420; poor in static (Alexander-PA).
- 4980 SWAZILAND Swazi Comm Radio, EG relig.prgm with man at 2028 11-17, dates, phone number, ID at 2030 (Leskowitz).
- 4980 VENEZUELA Ecos del Torbes, 0125 on 11-25, "Eye of the Tiger" and SP mx, full ID at 0129, nx at 0130 (Feeley-GA).
- 4990 NIGERIA Lagos, EG nx 2202 11-29, ID, ad for AIDS prevention, distorted sig, //3326 (Paszkiwicz-WI); EG at 2250 11-24, 40's style jazz mx, short armts by man, pips at 2300, nx (Wallace-PA).
- 4991 PERU R. Ancash, rapid talk at 0050 12-6, ID 0058, fanfare, talk, fair sig (Wallace-PA).
- 4996 PERU R. Andina, *0834 11-27, s/on with OA mx, yipping, ID (Alexander-PA).
- 5000 SOUTH AFRICA ZUO time str, 2300 12-7 under WWV, poor with call in CW and time every five minutes (Morby). Not SWBC, but interesting--JB.
- 5004 EQUATORIAL GUINEA Bata, man talking 2035 11-17, R. Nacional ID, pop mx followed (Leskowitz); gal with nx 2101 11-29, ID and regional nx 2103; hrd earlier at 2020 also; fair signal (D'Angelo-PA); to 2159* 11-24, hi-life mx, armts, off with NA (Alexander-PA); talk by man at 2150 11-13, many mentions of Bata, Malabo, 2159 ID, short closing armt, anthem to 2203* (Johnson-GA).
- 5010 CAMEROON Garoua, 11-29 at 0510 with talk in local language, nice Afr mx, long talk by two men, no ID; lots of QRM from 5005 ute (Laskowski-IN).
- 5015 PERU R. Moyobamba, *1055 11-26, s/on with NA, opening armts, ID, OA mx (Alexander-PA).
- 5020 NIGER Niamey, EG nx 2000 11-18, FR at 2015, EG ID as "Voice of the Sahel," poor sig (K.Hill-MA); FR 2042 11-17, Afr hilife mx prgm, big W.Afr opening (Leskowitz).
- 5020 VENEZUELA R. Nacional, 1103 11-26, strong, distorted audio, //11861 (Alexander-PA).
- 5025 CUBA R. Rebelde, 0131 11-25 with nx, sports (Feeley-GA); 0308 11-30 with gal hosting prgm of Paul Simon mx, ID 0400, "Rebelde, La Habana," fair overall (D'Angelo-PA).
- 5031 PERU R. Los Andes, OA mx, armts, M&W annrcs, 1030-1040 11-26; also noted with NA at 0156* (Alexander-PA).
- 5035 BRAZIL R. Aparecida, singing IDs 2315 11-24, man DJ, jingles, good sig (Wallace-PA).

- 5035 CENT.AFR.REP. Bangui, exc in FR at 2046, 11-17, with light pop mx (Leskowitz).
- 5040 UNID. At 2050 11-17, gal anncr, pops, vy weak, static, Africans good (Leskowitz).
- 5040 GEORGIAN SSR Tbilisi listed, in RS 0046-0125, folk and concert mx 11-30 (Tuhscherer-WI).
- 5040 VENEZUELA R. Maturin, 0135 on 11-25, reading a list of names (Feeley-GA).
- 5050 ECUADOR R. Jesus del Gran Poder, 1010 11-16 with end of s/on anmts, NA, kids chorus, "Buenos Dias," ID, sermon, fade in QRM from arnd 1020; good sig (D'Angelo-PA).
- 5055 ECUADOR R. Catolica Nacional, prayer svc 0042 11-11, full ID with bells 0045 (Leskowitz); sermons, soft mx 1034 11-24, big ID 1056, nx, frequent IDs, fair-good (D'Angelo-PA).
- 5057 ALBANIA Gjirokaster, clas.mx at 2140 12-3, presumed them; good sig (Wallace-PA).
- 5075 CHINA CPBS2, 1141 11-26, tent., talk by lady, CH opera, ute QRM, //6890 (Sampson-WI).
- 5095 COLOMBIA R. Sutatenza, 0020 12-6 with local tunes, talk, ID, strong in hvy CW QRM (Wallace-PA); 0143 11-25, two men talking, bank ad, nx, severe CW QRM (Feeley-GA).
- 5163 CHINA CPBS, CH mx 1110 12-7, M&W talking, //5075, 5125, 51445 (Leskowitz).
- 5290 USSR Krasnoyarsk listed, M&W with RS talks at 0104 (Tuhscherer-WI); HS at 1255 on 12-7, RS, fair with discussion prgm on summit (Rigas-IL).
- 5905 USSR R. Stn.P&P, FR or Creole 0120 11-12, pol.talk, switch to RM SP at 0130 (Prath-FL).
- 5910 BELGIUM BRT at 0045 11-16, Belgian folk song, EG lang (Feeley-GA).
- 5940 USSR RM, EG talk on socialism, 0222 on 12-3, exc signal (Edwards).
- 5945 UZBEK SSR R. Tashkent, ID 1210, cmtry, mx, nx from Uzbek; all EG, 11-17 (Rugg-QUE).
- 5950 USA WYFR, in EG at 0114 11-16, live relig. prgm, answers to questions called in (Feeley-GA) "Insight" with Joe Neederhood, fair overall at 0634 11-23 (Lemke).
- 5960 CANADA RCI, EG at 0220 12-3, excellent signal (Edwards).
- 5980 YUGOSLAVIA Belgrade, woman reading EG nx at 2217 11-13, prgm on happenings in Yugosl Assembly at 2220 (Johnson-GA); EG nx, cmtry, pops, 2217-2230 11-11 (Paszkiewicz-WI).
- 5985 USA VoFC over WYFR, EG at 0210 on 12-3, nx, "Journey Into CH Culture," exc signal (Edwards); EG at 0735, poor overall, Jade bells and bamboo pipes, 11-23 (Lemke).
- 5990 ITALY RAI, in Italian 2237-2250 12-2 with gal, nx, IDs (Tuhscherer-WI).
- 6000 BRAZIL R. Guaiba, in PT 0836-0859, instr.mx, cmtry on current affairs and economy, ID 0858 as "R. Guaiba, Porto Alegre", 11-14 (Rugg-QUE).
- 6005 BERLIN RIAS, GM nx by man at 0330 11-8, jingle ID at 0335, then Wm.Tell Overture, clas.mx instead of the usual pops (Johnson-GA).
- 6005 CANADA CFCX, 0603 11-16 with nx, wx, deep fades and very weak (Eckman-CA); Larry King Show 0845 11-8, Ace Hardware ad (Feeley-GA).
- 6025 HUNGARY Budapest carrying R. Kossuth svc, ID by man 0541 11-14, instr.mx 0542, VOA IS wiped em out at 0543 (Johnson-GA).
- 6030 CANADA CFWP-Calgary, rock mx 2106 11-25, "AM 106" IDs (Lemke).
- 6055 FRANCE RFI, EG world nx, very good at 0332 11-6 (Lemke).
- 6070 BULGARIA R. Sofia, EG DX program with sked, power, address, ID, 0050 11-5 (Wallace-PA).
- 6080 AUSTRALIA RA, 1113 11-18, mx, gal anncr talking abt the tunes, good sig (Levison-PA).
- 6080 GDR RBT, EG at *0044 11-19 with IS, ID, prgm abt. religious freedom in GDR, after nx, //9730, both QRMed (Bryant-GA); EG 0045 11-19, IS, nx cmtry, //9730 (Prath-FL).
- 6085 GFR DW, EG world nx at 0130 12-1, good sig, off at 0153 (Baurenhuber).
- 6100 GFR DW, GM nx at 0005 11-19, read by man; ID, talk (Prath-FL).
- 6100 KENYA Voice of Kenya, hrd 2030-2100 11-29 with US pops, pips, ID 2100, into EG nx by gal (Rippel-VA); QRM from 6105 cleared up just in time to hear 6 pips at 2100, 11-8, ID, nx by man in EG; tnx to tips from Quaglieri, Daly (Johnson-GA).
- 6100 MICARAGUA LV de Nicaragua, in SP at 0200 on 11-12, ID, mx, co-channel with DW but fair signal (Rhyne-NC); in EG at 0300 12-5, talk on land reform, fair under DW (Eckman-CA).
- 6100 VENEZUELA YVTO, hrd 0214 11-16 with time pips (Feeley-GA).
- 6105 USSR RM, SP "Panorama Sovieticos" at 2345 11-18, //7560 (Prath-FL).
- 6110 IRAQ Baghdad, in EG at 0143 11-23, mx, ID, good sig but co-channel QRM (Rhyne-NC).
- 6115 INDIA AIR, fair at 1310 11-14, local vocal selections, introduced by female anncr (Rigas-IL).
- 6115 MEXICO R. Universidad, in SP at 0645 on 11-23, "musica mexicana," IDs, good sig over R. Moscow (Eckman-CA).
- 6130 CANADA CHIX, 0910 11-8 with continuous EZL mx (Feeley-GA); best ever at 1500-1600 11-30, IDs as "CHMS 96," ads, wx, etc. Barely a carrier on CFTX-6080, however (Rippel-VA).
- 6140 CUBA Havana in EG 0230-0300 12-1, second half-hr of EG, "Spotlight on LA," nx, cmtry, anncd unlisted //6415, unheard (Jordan).
- 6140 ENGLAND RCI relay in RS, 2032-2040 12-5, nx with ID, good with QSB, //6010 (not as good) (Buer-FL).
- 6150 VATICAN Vatican Radio, EG 0052 11-19, "Vatican Week" nx roundup, rpt on Pope's daily activities, very strong, as were //s 9605, 11780 (Bryant-GA); EG story at 0105 12-7, ID at 0108, excellent sig (Edwards).
- 6160 ALGERIA Algiers, AR network, slow singing 0150 11-25, 4 pips 0200, nx, "Know Your Country" historical prgm at 0203, ID 0241, good sig but audio kept breaking up (Johnson-GA).
- 6160 CANADA CKZM-St. Johns, relaying CBN at 1532 on 12-5, humor, mx, poor (Figliozzi-NY).
- 6180 CYPRUS BBC relay stn, EG world svc at 1445-1600 11-47, "This Musical World," "Radio Newsreel," "A Jolly Good Show," very good sig (Dillon-CRECE).
- 6190 USSR RM, SP at 2325 11-18, political talk by man, hrd well till VCA s/on at 2330; //7360 (Prath-FL). +++ Hey, where is everybody? Only two pages of LR-B in January? Please rpt what you hear; rare, common stuff, makes no difference. It's all welcomed. 73--



LOG REPORT

section C

6200 to 11699 kHz

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

- 6125 SPAIN REE *o455-0556*EG. IS & anmts. 00505 by om, Billboard, nx, "Panorama px." wld. nx, press review, art, mx. g. (Jordan-PA 10/9)
- 6209.5 CHINA REP. Taiwan WYFR 1422-1430 CH. Christian mx. //5275, f. (Kashiwabara-CA 10/17)
- 6450 AUSTRALIA Naval yime station near Canberra, per talkback and RMN tip 1135 w/pips and stretched sev. min. (Johnson-GA 10/24)
- 6576 NORTH Korea R. Pyongyang 1144-1150 EG. tk on U.S. imperialism, sked. freq. NA. s/off (Swaringen-NC 11/8) / 1106 "Exciting, unbiased and spell-binding world nx. by m/ancr. ID "R. Pyongyang and more "news". (Hardester-PA 10/11)
- 6589v CLAND R. Venceremos 0132-0154 SP. m/tk. ment. "El Salvador...." voc. & lite elec. organ mx. //6615 (Jordan-PA 10/5)
- 6606.6 CLAND. R. Venceremos 0209-0216 SP. Rev. speech/om. ID, LA mx. off mid-mx. (Klein 10/2)
- 6645 CLAND. R. Venceremos 0308-0322* SP. tk, mx., -ment 'R. Farebundo Marti' ID R. Venceremos, s/off. //10/22 on 6630 (D'Angelo-PA 10/21)
- 6667v CLAND. LV de Alpha 66 0102-0130 SP. m/w/tk. nmts of "...LV Popular" lite instr. mx. ref. to LA cties. QRM, f. (Jordan-PA 10/5)
- 6726.4 PERU R. Satellite 0330-0400 SP. ID, tk, elect. s. effects, SP. rock mx. f. (Kashiwabara-CA 10/12)
- 6873 USA VOA Greensville feeder 0219-0227 RS. nx. bul. IS, ID 00225 (Tuchscherer 10/25)
- 6791.8 PERU R. Sensacion 0048-0102 SP. LA songs, short talks/m, ID 0057. QRM f. (Tuchscherer 10/11)
- 7065 ALBANIA R. Tirana 0330 EG. nx & cmtry. SINPO-45434 (Bauernhuber 11/5) / (Jordan-PA 11/3)
- 7100nf ALBANIA R. Tirana 1928-1935 Lang IS, mx. tk; p.w/QSB + ham Qrm (Buer-FL 11/7)
- 7105 MONACO TWR 0628-*0630 EG. IS. s/on by yl. ID, into pgm. s/on time differs from RDI-88 (Hardester-PA 10/11)
- 7105nf GERMANY FRG VOA Wertachtal *0300-0330 RS. s/on ID, nx, tk, good; site per VOA D1987 freq. sked; is this via DW xmtr at Wertachtal? help? (Buer-FL 11/3)
- 7110 TURKEY R. Ankara? VOT? 0245-0300 Turkish, songsto 0300, pips + ID; QRM R. Moscow 7115. g. Buer-FL 11/2)
- 7125 USSR RM. 1136-1250* VT(p)/Lang. yl/om tk. RS mx. pos. Asian & Slavic langs. IS. f-g. (Jordan:PA 10/29)
- 7125 POLAND RP. 2230 EG. IS, s/on yl/nx, rev. weeks cmtries. //7270 (Prath-FL 10/17)
- 7145 MALAYSIA RTM-Kuching t 1325 Islamic singing; f. sig. //4835 Allen-OK 10/18)
- 7150 USSR RM. 0145 EG. SI0-555 (Edwards 10/16)
- 7160 HONG KONG BBC 1300-1330 EG. nx, tk p. due to Ham sb QRM; sked per BBC. "wave guide" pgm. (Buer-FL 10/12)
- 7170 UNID N. Caledonia? RFO? 0638 FR. yl ancr. variety of mx. w/"Big Band" and weatern pop. SI0-242 (Hardester-PA 10/11)
- 7180 HONG KONG 1124 JAP. "Just a moment" EG. lesson; 1st b'cast. BBC pros to E. Asia. (Cobb-Yucatan 10/1) / 0930-1001 EG./CH. Pos. stock mkt. rep; BBC ID. closing anmts. time pips into CH lang. svc. w/yl ancr; sig. strength increased 00945 ant/pwr. chg. Sunset (approx)=1009 UTC SI0-2-343 (Hardester-PA 10/13)
- 7200 NORTH KOREA R. Pyongyang *1100-1105 CH. IS, ID, tk, p-f. (Buer-FL)

7205.2 ALBANIA R.Tirana 0630 EG. y1/ancr.ID. tk on econ. growth in Albania. SIO-433 (Hardester-PA 10/11)

7210 JAPAN RJ-NHK 1500 EG. nx-spec. on new prime min.// 5990,9695, 11815,21700 (Zilmer 11/6)

7225t RWANDA DW,Kilgali relay 0300-0315 SW? sure about part of ID. very poor sig. (Jordan-PA 10/5)

7255 NIGERIA v of N 0530 EG. nx. of Nigeria, ID. (strong hum) (Cobb Yucatan 10/3)/0631-0639 FR. mx w/FR.horns,tk by om,heavy QRN, p, (hollerman-AL 10/11)

7260 VANUATU R. Vanuatu 0945 FR. IS? mx, peppy instr., then early 70's U.S. ID, tk. p.(Jordan-PA 10/13)

7290 USSR RM 0406 EG. nx,-Ortega, grain harvesting in the USSR, "News & views; Soviet-Finnish dialogue; SIO-444 (Sampson-WI 10/9)

7295 IRAQ RB 2230-2251* EG. sels of AR. mx w/vocals and stringed instr; om/EG. ID,sked,address; 2240 into pat.choral.(Jordan-PA 10/11)

7315 VATICAN VR 0035-0110* FR/EG. om/ tk. into EG pgm @0050; ID/m pgm "World Missionary Day", exerps of speech of Pope John Paul (Jordan-PA 10/19)

7325 USSR SSR R.Tashkent *1200-1205 EG. IS, s/on, pgm preview nx, q.w/QSB (Puer-FL 10/17)

7340 USSR RM 1135-1250 CH/Lang. accord. folk mx. om,y1/tk; 1200-1230 pos. slav.lang. nx. (Jordan-PA 10/29)

7345 CZECHOSLOVAKIA R.Prague 0120 comments on motor cars and make-children aware of the hazards; SIO-444 (Levison-PA 10/8)

7325 GREAT BRITAIN BBC 2126 EG. tsm to Australia; tk. SIO-455 (Edwards 10/23)

7355 USA WHRI 0303 EG. DX pgm. nx about other stations SIO-242 (Edwards 10/27)

7360 ITALY Euro. Christ. R. 0940-0957 EG Bel. pgm., address in Aus tria-near border, said to be a pilot;)Schulze-FRG 10/18)

7374 COSTA RICA R. for Peace Int'l. 0157-0210 EG 'RAGTIME' mx, om/ tk, ID, pgm on 'Peace Tk', rel. pgm rec. in PGH,PA.,qrm(Jordan-NC)

7380 USSR RM 1715-1740 Lang. tks/om,y1; ID. f. (Dillon-GR 10/2) 1120-1130 Lang. T/in to y1/tk, mx w/string & w/winds. CH dialect, not familiar; USB helped, RTTY qrm SIO-343 (Hardester-PA 10/14)

7412 INDIA AIR 2205-2216 EG Gen.svc, nx,cmtry. ID,f.w/qsb (Puer-FL 10/14)

7414.9 PIRATE V.o Laryngitis 2331-2359* EG wk/clear w/"Atilla Huxley Memorial Pgm." (Tnx Zeller for tip) (Allen-OK 10/31)

7419.7 PIRATE WINN 0043-0133* EG R &R, mx w/clever ad parodies; this and VOL only ones heard on Halloween; (Allen-OK 11/1)

7420 CHINA RB *0000-0005 PT IS,y1/ID, tk. wk w/flutter,ssb arm; (Puer-FL 11/2)

7450 SPAIN REE 1743-1800 SP 2 om/tkg, phone. mx, tps, ID,nx(Dillon 10/13)

7460 HONG KONG BBC rel. 1440-1615 CH Wld. nx & ID/EG; tsm not heard before; (Schulze-FRG 10/13)

7475 TUNISIA R.Tunis 2150-2330 AR om/tk, ment. Iran 6 Iraq; // 11550, 1200 (Jordan-PA 10/15)

7550 SOUTH KOREA RK 2225 PT? om,y1/ancr. p.sig.(Rhyne-NC 10/8)/ 1801-1815 AR sked, ID. nat'l & wld nx, ID, p.(Dillon-GR 10/13)

7700 CHINA RB 1645-1703 RS Classical mx, om, y1/ancrs, ID @1655, then IS, ID; f. (Dillon-GR 10/3)

7820 CHINA RB 1703-1720 RS nx/om, ments of Afghan. harp mx, ID/y1; f. (Dillon-GR 10/3)

8003 PERU R.Chinchiqui 0246-0255 SP. Folk mx, ad. ment "108 Prensa" ID "Chinchiqui, la voz oriente para un..." f. (Allen-OK10/11)

9022 IRAN Vohri 1735-1800 GM. om/tk abt Lebanon; mx interlude, yl ancr. tk abt Islam; ID @1800, sked. f. (Dillon-Greece 10/3)

9220 KOREA PDR R.Pyongyang 1712-1736 AR. yl tk abt. pol. system in N.K; classical mx. w/revolutionary tk; ID. mx. f. (Dillon-GR 10/5)

9290 CHINA R.Beijing 1741-1800 RS. Chorus w/songs, yl DJ; IS. str. het @1750.f. (Dillon-GR 10/25)

9345 CHINA PDR R.Pyongyang 1710-1730 KOR. 'N.Korea wants to host Olympics'; For.press stories, ID. anti-U.S. propaganda; cw qrm heavy; (Dillon-GR 10/6,10/7)

9360 SPAIN REE 2335-0003 SP. m/anncr. tk, SP.mx. (Malin 10/25)

9380 CHINA REP. RE Taiwan 1st svc. 0920-1015 EG/JAP. IS, yl/ID, mx m/tk, numbers? mx, f-p. (Jordan-PA 10/28)

9395 GREECE VOG 0130 EG. nx, tk. S10-455 (Edwards 10/19)

9410 GREAT BRITAIN BBCWS 1700-1715 EG. Wld nx, "A Letter From England" //12095 (Dillon-Greece 10/8)

9420 GREECE VOG 0130 EG. S10-555 (Edwards 10/19)

9425 GREECE VOG 2215 GR. Mx. pgm, ID, tk/om & yl. (Prath-FL 10/17)

9440 CHINA PDR RB 1715-1728 AR. 0m tk abt. M.E; mx, ID, IS @1725, carrier noted.p. (Dillon-GR 10/8)

9445 TURKEY VOT 0255-0300 TK. Guitar mx. (Swaringen-NC 10/20 // also rep. by Rhyme 2300 EG. 10/17; Jordan 0410 11/1; Kashiwabara 0426 10/24.

9450 TURKEY VOT 2300 EG. Nx, "Rev. of Turkish Press" 9560? (Rhyme)

9470 USSR RM 1711-1730 FR. Wld.nx, ID; cmtry. Soviet econ. (Dillon)

9480 USSR RMWS 1710-1720 EG. Wld.nx. ID. Cmtry. Arms cont. (Dillon)

9490 USSR RM Af.Svc. 1710-1725 EG. Wld.nx. ID, "People and Events" g. (Dillon-GR 10/13)

9510 SEYCHELLES FEBA R. *1732-1833* Oromo + Amharic tks, rel.mx, ID/yl f. (Jordan-PA 10/7)

9510 ALGERIAN Algiers 1900 EG nx, sports (Witzig 11/9)

9525 NORWAY RN 2200 EG Norway Today to S.A. //9605 (Zilmer 11/1)

9535 SWITZERLAND SRI 1745-1800 GM Swiss mx, ID, sked.g. (Dillon-GR)

9540 MADAGASCAR R.Ned. 2030 EG newslne //11740, 9715, 9895 (Zilmer)

9545 GERMANY FRG DW 1710-1725 GM nx, ID, IS; f. (Dillon-GR 10/15)

9550 SWAZILAND TUR 1725-1801 Swah. mx w/yl, nx, mx. ID/EG (Dillon-GR)

9555 IRAQ v. of the Masses (sawt ul-Jamaheer) 1711-1800 AR mx, tk, ID. sked/yl; (Dillon-GR 10/16)

9553 EQUATORIAL GUINEA Bata 2110 Rel.pgm, prayers, ID/SP/om, rel. pgm; (Johnson-GA 10/24)

9555 USA WYFR 0100-0115 EG Rel. tk, voc.mx ID; g. (Hollerman-AL)

9560 BULGARIA R.Sofia 1655-1715 TK/AR Nx, IS, ID, sked.nx. (Dillon-GR)

9570 S.KOREA RK 1400-1500* EG Nx, g. (Walley-CA 11/30)

9570 SPAIN REE 1715-1735 SP Interviews, ID, GRM Rom. (Dillon 10/17)

9570 GABON RJ relay 0458-0504 RS IS, ID, nx; bd.mod; (Kashiwabara 10/17)

9575 ITALY RAI 0025 IT tk on U. Angelo; (Cobb-Yuc. 10/12) 0200-0300 nx; L.A. countries ment. (Jordan-PA 10/31)

9575 FRANCE RFI 0115 SP on top of RAI EG svc. into FR. (Johnson-GA)

9580 AUSTRIA RAJ 2300 SP IS, ID/EG, pgm to S.A. (Zilmer 11/5)

9580 S.Africa RSA 0200 EG Nx //9615, 11730 to N.A.rep 6010 (Zilmer)

9580 CYPRUS BBCWS rel. 0520-0535 EG '24 Hrs' Scot.mx.nx. (Dillon)

9585 UK VOA rel. 1710-1735 RS Wld.nx, 'Panma' ID, qrm Budapest/EG; (Dillon-GR 10/18)

9590 CANADA BBC 2300 EG Nx-Cubans in Atlanta; f. (Walley-CA 11/30)

9595 UAE V of the UAE-Abu Dhabi 1655-1715 AR mx, drama, prayers; co-chan. qrm; f. (Dillon-GR 10/19)

9605 MALTA DW rel. 1715-1735 Turk. Nx, tk, qrm/unid; (Dillon 10/19)

9615 GERMANY-FRG DW 1710-1729 GM ID, wld nx, IS; g. (Dillon-GR 10/20)

9615 S.AFRICA RSA 0250 EG Tk on animals; (Cobb-YUC. 10/6)

9625 CANADA CBC-N. Quebec 1155 EG Mx, tk, ID; (Cobb-Yuc. 10/3)

9625 NORWAY RN 0345 EG Tk/om; (Cobb-Yuc. 10/12)

9430 UAE V o UAE-Abu Dhabi 1729-1800 AR Quran rec. ID,sked,nx,mx, interview; (Dillon-GR 10/20)

9430 SPAIN Sp. For. R. 0017 EG 'Panorama' SIO-555 (Edwards 10/16)

9440t UAE UAE R. 0335-0350 ART om/tk mx 'sing-song'(Jordan-PA 10/17)

9440 RWANDA DW Kigali 0200-0259* GM om/nx, om,yl tk, //9735 (Jordan)

9445 WATICAN VR 0b35 EG Pope beatifies 85 People at West. (Walley)

9445 CHINA RB 1155-1255* CH/EG mx, ID,ment Taiwan,lang.les.(Jordan -PA 10/9/ sports,tennis,diving & gymnastics (Swaringen-NC 11/8)

9455 THAILAND RT 1230-1305 EG ID/om, otherLangs. used;(Schulze-FRG)

9465 CHINA RB *0000-0012 EG IS, om/ID,nx, wk.sig.(Jordan-PA 10/19)

9475 BELGIUM PRT 2200 EG 'Brussels Calling' pgm to N.A.(Zilmer 21)

9490 ARGENTINA RAE 0407-0430 EG nx,'LA Panrma',DX pgm(ARland-PA10/1 / 0204 EG freq.sked, address, nx,mx,tk; SIO-312 (Edwards 10/22)

9495 BRAZIL R.Rio Mar 1150 PT? Rel pgm,mx, ID,comm ads(Johnson-11/1)

9700 PHILIPPINES RVA 1330 Lang tk,nx @1355; lang-Teluga?(Zilmer11/3)

9705 PORTUGAL RDPI 0300-0330 EG skeds, travel pgm, mx pgm; gd.(Jordan-PA 10/6)// loc. & wld. nx, SIO-444 (Karlsson 10/23)/ 0230 nx, cmtry, mx;(Zilmer 11/4)

9715 FRANCE RFI 0034 FR ID/om, mx. SIO-544 (Edwards 10/22)

9735 OMAN R.Oman 1341-1402 AR Quran rec mx,ID,pips/hr//15385(Allen)

9735 PARAGUAY R.Nac. 0050-0158* SP om,yl/tk, anmts, ID,mx(Jordan)

9760 ALBANIA R.Tirana 0255-0258 EG yl w/sked,ID,s/off, NA;(Jordan)

9765 USA WGSN *2356-0005 EG IS chimes, rel. svc.,f-g.(Buer-FL10/11)

9779.4 YEMAN AR. REP. 1938-2022 AR 'pop' mx,tk; no prayers, 'pop' mx nx/hr, call to prayers; SIO-343/2(Hardeste-PA 10/22)

9790 FRANCE RFI 0055-0102 FR Pop vocal, ID/om, ID/yl; rock mx. qrm from RCI. (Hollerman-AL 10/24)

9800 FRANCE RFI 2300 FR om/ancr ID SIO-555 (Edwards 10/21)

9815 USA VOA 0220 EG pgm on barbers and changing hairstyles(Walley)

9825 USSR RM EG nx, var. of features, tour guide; gd.(Jordan 10/18)

9835 HUNGARY R.Budapest EG 0304 nx,tk/s/r.stations-444-(Levison10/24)

9870 USA WGSN 0230-0236 EG 'letter box'ID, w/qsh; g.(Buer-FL 10/15)

9977 N. KOREA R.Pyongyang 1215-1230 EG nx, ID,mx;(Swaringen 10/25)

10010 VIETNAM VoV,Hanoi 1200-1229 Vt om/tk,nx re.Taiwan; g.(Jordan)

10060 VIETNAM (ZKHZ) VoV 1230-1300 Vt yl/tk g.(Jordan-PA 10/27)

11500 CHINA RB 2131 EG mx,'letter box'; SIO-333 (Levison-PA 10/18)

11615 PAKISTAN RP 1601-1620 EG nx/om, cmtry/yl, ID, mx,time check SIO-252;(D'Angelo-PA 10/24)

11625 SYRIA R.Damascus 2056-2130 EG mx,ID,freq & time,nx(ARland 9/26)

11640 SOMALIA R.Hargeisa 1210 Lang? mx,ancmts/yl,NA s/off(Johnson12)

11685 CZECH R.Prague 1615-1625 EG tk, Id, s/off, uteqrm; (Buer-F1)

11695 SWITZ. SRI 1330-1400 EG 'Dateline, parallel freq ancd//11955, 15135, 15570, 17830, 21695; (Zilmer 11/3)

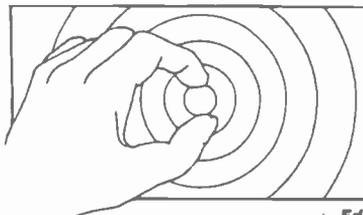
11670 FRANCE RFI 0035 FR ID/om @0330; SIO-555 (Edwards 10/22)

... ..
 Hello again. Please forgive, as illness and computer problems did mess me up. I hope this format is a decided improvement. Yes, I'm on the road to recovery. Thank you for your endurance.



NOTICE, PLEASE

"Contact" editor Stephen G. Moye was unable to contribute his column this month because of a recent death in his family. "Contact" will return next month.



LOG REPORT

section D

11700 and above

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

- 11710 ARGENTINA RAE in EG 2245, sports report, f (Rhyne NC 11/24) also in EG 0410 w/nx formation of "Group 8" nations, f, //9690 (Bryant GA 11/19)
- 11710 USSR R. Moscow in EG 1540, "Focus on Asia & Pacific", top tunes (Prath FL 11/22)
- 11715 MALI R. Beijing relay in EG 0029, ID, rpt on CH athletes (Laskowski IN 12/9) tlc on econ in EG 0337 (Tuchscherer WI) (Figliozzi NY) in CH 0455*, tlks (Jordan PA) ED: Last month's report that xmtr was in China apparently was incorrect.
- 11755 FINLAND RF in EG 0735, nx, items re FN economy & pensions, g (Bryant GA 11/16)
- 11775 SPAIN REE in SP 2350, political tlks re C. Amer, //11815 (Prath FL 11/9)
- 11785 USSR R. Tashkent in EG *1200-1228*, world nx, f //5945, 7275 (Hill MA 11/16)
- 11800 SRI LANKA SLBC in HN 0105, sub-continental mx, brief anmcts (Bryant GA 11/19)
- 11815 WEST GERMANY R. Liberty in RS 0135, polit tlc, IS, ID 0130 (Prath FL 11/14)
- 11826 SOCIETY IS. Tahiti in FR/TT 1430, non-stop pop/rock mx, ID (Buer FL 11/25)
- 11855 BRAZIL R. Aparecida in PT 2226, disc on current affairs, ID (RUGG Que 11/22)
- 11880nf EGYPT Nile Valley HS in AR 0500, Koran recit, Arab nx, ID (Johnson GA 11/14) in AR 0400, ID, nx2, hi energy AR vocal "trills", recitations (Jordan PA 11/4)
- 11925usb SWEDEN RSI in SW *1800, home service, tlks, QRM frm R. Marti (Buer FL 11/22)
- 11955 SWITZERLAND SRI in EG 1835, nx, tlc on steel drum, //9885, f (Sampson WI 11/29)
- 11980 CHINA R. Beijing in SP 0031, mx and features, //15100, 11650, g (Rhyne NC 11/12)
- 11990 KUWAIT RK in AR 1310, ID, brief mx, tlc, //15505 (Prath FL 11/28)
- 12005 TUNISIA RTVT in AR 0730, western mx, DJ, ID, nx?, g (Bryant GA 11/16)
- 12025 NO. MARIANAS Saipan in CH? 2230, tlks, relig mx interludes (Rippel VA 11/30)
- 12095 UNITED KINGDOM BBC in EG 1700-1745, world nx, "Music Now" (Dillon GREECE 11/6)
- 12982 AUSTRALIA Time Stn 1300-1320, //6448, believe this to be new time stn rptd in FT #450, electronic time tone beats each sec, triple beats each min (Jordan PA)
- 13645 USSR R. Kiev in EG *0030-0100*, IS, ID, nx, feature, g (Jordan PA 11/7)
- 13645 USSR R. Vilnius in EG *2300-2328*, ID, disc on benefits of Socialism (Jordan PA)
- 13760nf USA WHRI Indiana in EG 1815, relig pgm, 2nd US stn on 22 meters (Rigas IL 11/14)
- 13790 USSR R. Moscow in EG *1400, "Midnight in Moscow" theme at s/on, nx (Jordan PA)
- 15160 NO. KOREA R. Pyongyang in SP 2305, nx, ID 2313, g (Buer FL 11/22)
- 15150 NEW ZEALAND RNZ in Maori 0620, ID, //17705, p (Figliozzi NY 12/1)
- 15250 PORTUGAL RP in EG 1930, ID, light mx, into FR w/ID & more mx (Bryant GA 11/19)
- 15300 JAPAN RJ in EG 2305, ID, world econ mx, intl mkt rpts, g (Bryant GA 11/16)
- 15420 GUAM KTWI in IN 2315-2332*, tlc, organ excerpts, songs, ID, IS (Buer FL 11/16)
- 15474 ANTARCTICA RN Arcangel in SP 2300-2325, IA songs, big band mx, several ID's, (Tuchscherer WI 11/10) spot tlks, ID 2313, instrumentals, p (Jordan PA 11/24)
- 15475 GABON Africa #1 in FF/EG 2051, pop mx (Lemke 11/6) in FR 1749, rock mx w/DJ, no ID, p (Hollerman AL 11/26) in FR/EG 1945, reggae, cig ads, g (Bryant GA 11/19)
- 15475 USSR R. Moscow in EG 1334, RS folk songs, nx, cmntry, g (Sampson WI 11/22)
- 15520nf? NIGERIA VON in EG 0500, s/on to W. Afr, 15185 not hrd, vg (Eckman CA 11/8)
- 15595 USSR R. Moscow in EG 1430, nx briefs, "Folk Box", 1459*, f (Sampson WI 11/10)
- 17612nf USA WYFR Family Radio in EG 2009, "Open Forum", exc (Lemke ALB 11/25)
- 17555 ISRAEL KI in HB 1135-1355*, tlks, interviews, vocals, ID, nx, this is home svc "B" pgm, //11585, 15615, reception improved to g by s/off (Jordan PA 12/2)
- 17795 AUSTRALIA RA in EG 2340, docum re Aust wine making, ID's, vg (Morby 12/3)
- 17830nf USA WHRI World Harvest Radio, Indiana in EG 2057, relig mx (Lemke ALB 11/4)
- 21465 EAST GERMANY RBI in EG 1230-1258*, ID, big band mx, nx, f (Jordan PA 12/1) in FR 1510-1540, nx, cmntry, mx (Hawk 11/17)
- 21470 UNITED KINGDOM BBC in EG 1300-1330*, nx, tlks, analysis (Jordan 12/4)
- 21530 PORTUGAL Radio Free Europe in CZ 1430-1454, mx, g (Hawk 11/18)
- 21575 SPAIN REE in SP 1300, nx, tlks, pips 1300, ID, SP pop mx (Prath FL) in SP 1530, mx, nx, cmntry (Hawk 11/18) in SP 1716, pop mx, nx, ID (Tuchscherer WI 11/13)
- 21590 SOUTH AFRICA RSA in EG 1511, mx, p (Edwards 12/5) nx, cmntry in EG 1529 (Hawk) in EG *1300-1350, IS, NA, ID, Afro choral mx, fqys, nx, mailbag (Jordan PA)
- 21645 FRANCE RFI in EG 1245, nx, contest to win a trip to France, f (Sampson WI 11/7)
- 21685 NETHERLANDS RN in DT 2100-2125*, tlks, fqys, Afro pop vocals (Jordan PA 11/26) in EG 1900, mx, cmntry re Dutch prisons (Shilling CA)
- 21695nf GABON R. Japan relay in EG 0715, ID, sked, nx, JP rock mx, drama (Dillon GREECE)
- 27530 NORWAY RNI in NO 1300, tlks, folk mx, choral hymns, ID, NA (Jordan PA 11/29)

More than one-third of the loggings received this month were repeats of loggings reported in the December issue and were not included this month. Please refer to last month's FRENEX for a more complete update. Thanks to all who contributed their DX reports.

Thanks to George Jacobs and Anna Case of George Jacobs & Associates for the D87 schedules of KUSW, KVOH, KSDA, KYOI, WCSN, WHRI, and WRNO. Also thanks to R.C. Watts for the Ivory Coast schedule.

Notes (in no particular order): Anyone catch the tremendous LW and MW opening to Europe December 8? Russia on 171 kHz LW was heard for over three hours, Norway on 1314 kHz MW was 10 db/9 heterodyning stateside 1310 and 1320. The strange conditions affected SW too. The next morning I heard the 9600 outlet (never heard before) parallel to 9977 from North Korea, and the following evening R Veritas Asia on 19m was doing very well here, and there were extraordinary strong signals from the Far East on 19 and 25m. Instigated by Bob Brown, I have been poking around the 60 and 90 meter bands around 20-24 and 03-05 UT. Many Africans, a Russian running the standard interval signal on 4795 up to 2000 UT (what/where is this one?) and some English news offerings. Ghana combines its two networks for news at 2245, but at 2100 news in English is only on 3366. The Botswana (4520 kHz) tuning signal that starts up between 0340 and 0350 is probably the strangest tuning signal you will ever hear on the air, but no English heard yet. TGNC-3300 Guatemala runs 85 minutes of religious programming from 03 UT. On nights when the LW band is open, compare the signals from the BBC on 200, 5975 and 6175. They all are WS programming, and the satellite delay on 6175 (Antiqua) is quite striking. Some nights the LW outlet offers a clearer signal than the 49m outlets being trashed by who knows what. KTWR-Guam, with Pacific DX Magazine Saturday mornings, has been quite readable this past month. Arthur Cushen's Pacific DX Report is one component of this DX show. Want to listen to Media Network in the morning? At 1150 and 1450, check out 15560; at 1450, also 13770. On the east coast, you'll hear the long path delays quite clearly. A new DX/communications program, "Communicator," nearly 30 minutes long replaces Talkback in 1988, and program times remain about the same as Talkback's. Although I have a telex from the PR office of Radio Australia saying the new "bicentennial" schedule and program information was airmailed the second week of December, it is not here yet; the frequency information has to be updated. Anybody else note that China's Mali 9770 relay gets nailed to the wall by Radio Australia at 12-13 UT? Jon Cohen and I were listening to rock and roll music around 02 UT 12/25 on 6020 but the announcements were few and at such a low level neither of us could make anything of it. We agree that it was not English. Anyone know who this might have been? Steve Bohac called to say KUSW began regular operations on December 26. Glenn reports some new frequencies for WCSN effective January 4, via Jacobs. The target areas are a "best guess" until I get the confirming mail here.

Don't forget the East Coast SWL Net, Sundays 15 UT (note the NEW time, for a bunch of reasons) on 7240 kHz, and February 13-14 for the Willow Grove SWL gathering. See Rippel's column for details.

 Thomas R. Sundstrom : Telex: 6502446376 (via WUI)
 PO Box 2275 : MCI Mail: 244-6376
 Vincentown : The Source: BCF811
 NJ 08088-2275 : Compuserve: (send via MCI Mail)
 : Packet Radio: W2XQ @ WB2MNF
 : Pinelands RBBS: 609-859-1910 (24/12/3 8N1)

12/27/87

ENGLISH LANGUAGE SW BROADCAST SCHEDULES: By Start time
Compiled by Thomas R. Sundstrom, W2IG

Start Time (UTC)	Country	Station	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Freq #8	Target Area	Notes	Record Last Updated
0000 0100	Australia	R Australia	17795	17750	15395	15320	15240	15160	15140		As/Pac/PapNG		03/14/87
0000 0100	Bulgaria	R Sofia	11720	6070							NA/W EU		11/10/87
0000 0130	Canada	R Canada Int'l	9755	5960							NA	Tue-Sun (Sun-0030)	10/19/87
0000 0100	China	R Beijing	11715	9770	9665						ENA	11715, 9770 v Hal1	11/21/87
0000 0200	Cuba	R Havana	6140								Americas		11/22/87
0000 0045	German Dea Rep	R Berlin Int'l	9730	6080							ENA		09/27/87
0000 0200	Guam	KSDA	15125	11700									12/03/87
0000 0030	Israel	Kol Israel	9845	9435	7465						NA		11/29/87
0000 0245	Luxembourg	R Luxembourg	6090								regional		10/28/87
0000 0050	North Korea	R Pyongyang	15160	15115							NA		11/13/87
0000 0030	Norway	R Norway	9605	9580							ENA/CA/SA		10/18/87
0000 0100	Spain	Sp Foreign Radio	9630	6125							NA	Eng Mon only	11/04/87
0000 0300	USA	KUSW	11680									70 deg	12/20/87
0000 0400	USA	KVOH	9495										11/11/87
0000 0200	USA	MCSN	9850								S EU	60 deg	10/25/87
0000 0100	USA	WHRI	11770	7400							EU/CA/SA		12/03/87
0000 0400	USA	WRNO	7355										10/25/87
0030 0055	Belgium	BRT	9925	5910							SA/NA		09/22/87
0030 0130	Ecuador	HCJB	11910								Americas		04/19/87
0030 0330	England	BBC	9515	7325	6175	5975					World Service/NA		11/12/87
0030 0230	Pakistan	R Pakistan	15115	11570							S & SE AS	World Service	09/06/87
0030 0100	USSR	R Kiev	13645	11890	11790	7165	6200	6020			NA		11/10/87
0035 0200	Ecuador	HCJB	15155	11775	9870						NA		11/10/87
0045 0130	German Dea Rep	R Berlin Int'l	9730	6080							ENA		09/27/87
0045 0330	New Zealand	R New Zealand Int'l	17705	15150							Fac/Aus/Melanesia	Sat only	12/13/87
0045 0100	South Korea	R Korea	15575								BOS	World News Service	10/03/87
0050 0110	Vatican State	Vatican Radio	11780	9605	7315	6150					NA		11/10/87
0059 0200	Canada	R Canada Int'l	9755	5960							NA		10/19/87
0100 0200	Australia	R Australia	17795	17750	17715	15395	15320	15240	15160	15140	As/Pac/PapNG	Sun-Mon	03/14/87
0100 0130	Canada	R Canada Int'l	11940	11845	9535						LA		11/12/86

0245	0330	German Dem Rep	R Berlin Int'l	6165 6125		LA	12/05/87
0300	0400	Australia	R Australia	17795 17750	17715 15395	As/Pac/PapNB/Afr	03/14/87
0300	0400	Austria	ORF	6075	15240 15160	MA	12/06/87
0300	0400	China	R Beijing	15455 11980	11715 9770	WNA	11/21/87
0300	0357	Czechoslovakia	R Prague	11990 9740	9630 9540	MA	06/06/87
0300	0350	Fed Rep Germany	R Deutsche Welle	9700 9545	6045 6010	MA	09/22/87
0300	0345	German Dem Rep	R Berlin Int'l	9560 6080		WNA	11/10/87
0300	0425	Guatemala	TGNC	3300			12/23/87
0300	0330	Hungary	R Budapest	11910 9835	9585 9520	MA	11/13/87
0300	0400	Japan	R Japan	21610 17845	17810 5960	60S/Asia/NA	12/01/87
0300	0430	Netherland Antilles	Trans World Radio	9535			05/19/87
0300	0400	Poland	R Polonia	11815 9525	7270 7145	MA	08/07/86
0300	0426	South Africa	Radio RSA	11900 9580	7295 4990	Afr	10/26/87
0300	0400	Taiwan	V of Free China	15345 11745	9745 9555	NA/Jap/As/AusNZ	11/26/87
0300	0600	USA	KUSH	9755	7445 5985		12/20/87
0310	0327	Switzerland	Red Cross BC Service	12035 9885	9725 6135	NA/CA	12/24/87
0310	0330	Vatican State	Vatican Radio	6150		NA	09/07/87
0330	0400	Albania	R Tirana	9760 7065		NA	03/07/87
0330	0400	Austria	ORF	6075		NA	12/06/87
0330	0345	England	BBC	7325 6175	5975	World Service/NA	11/12/87
0330	0355	Finland	R Finland	11945 9635		MA	10/09/87
0330	0344	France	R France Int'l	11995 9860	9790 9550	MA	11/22/87
0330	0630	New Zealand	R New Zealand Int'l	17705 15150		Fac/Aus/Melanesia	12/13/87
0330	0400	Sweden	R Sweden	11705		ME	11/12/86
0330	0415	United Arab Emirates	R Dubai	17890 15435	11940 9640	NA	05/23/87
0340	0348	Greece	V of Greece	9420 9395	7430	NA	02/17/87
0345	0430	England	BBC	6175 5875		NA	11/12/87
0350	0410	Italy	RAI	15330 11905	9710	World Service/NA	07/20/87
0358	0600	USA	WRNO	6185		S As	10/25/87
0400	0500	Argentina	RAE	11710 9690		Americas	05/31/86
0400	0500	Australia	R Australia	17795 17715	15320 15240	As/Pac/PapNB/Afr	03/14/87
0400	0500	Bulgaria	R Sofia	11840 11735	9560 7115	Afr/NA	10/03/87
0400	0500	China	R Beijing	11980 9645		WNA	11/08/87
0400	0600	Cuba	R Havana	6140 6115	6090 6035	5965	11/22/87
0400	0415	Hungary	R Budapest	11910 9835	9585 9520	6110 6025	11/13/87
0400	0425	Netherlands	R Nederland	9850 7210		NA	10/30/87
0400	0430	Norway	R Norway	9630 9530		ME/E Afr	10/18/87
0400	0455	Romania	R Bucharest	11940 11810	9570 9510	6155 5990	11/13/86
0400	0430	Switzerland	R Swiss Int'l	12035 9885	9725 6135	NA	05/24/86

0400	0450	Turkey	V of turkey	17760	9445	SE As/NA	11/08/87
0400	0600	USA	MCSN	9870		SEW Afr	12/26/87
0400	0430	USSR	R Kiev	13645	11890 11790 7165	NA	11/10/87
0400	0800	USSR	R Moscow	13645	12050 11790 7290 7260 7165	6150 WNA	11/27/87
0415	0645	Pakistan	R Pakistan	17660	15605 12015	ME	09/06/87
0425	0440	Italy	RAI	7275	6165	Mediterranean	12/01/87
0430	0500	Albania	R Tirana	11835	9480	Afr	12/24/86
0430	0500	Austria	ORF	11805	6075	ME/WNA/Eu	12/06/87
0430	0545	England	BBC	9510	5975	World Service/NA	11/12/87
0430	0515	Fed Rep Germany	R Deutsche Welle	9765	9565 7225 7150	6065	11/11/87
0430	0515	German Dem Rep	R Berlin Int'l	9560	6080	WNA	11/12/87
0440	0450	France	R France Int'l	11700	9800 9790 9550 7175	7135 6055	11/10/87
0445	0530	German Dem Rep	R Berlin Int'l	11920	9620 5965	4890 ENA/LA/E Eu/ME/Afr	11/12/87
0500	0600	Australia	R Australia	17795	17750 17715 15395 15240 15160 11910	As/Pac/PapNG	12/05/87
0500	0550	Fed Rep Germany	R Deutsche Welle	9635	6130 6120 5960	WNA	03/14/87
0500	0700	Guua	KSDA	17865	11980		11/11/87
0500	0515	Israel	Kol Israel	17615	9435 9385 7410 7355	NA/Eu/Aus/NZ	12/03/87
0500	0600	Japan	R Japan	17810	15235 5990	60S/As/NA/Oceania	12/13/87
0500	0800	Kuwait	R Kuwait	15345		Far E/SSE As/Aus/NZ	10/25/87
0500	0530	Norway	R Norway	9620	6015	ME/Afr/WNA	04/18/87
0500	0600	Spain	Sp Foreign Radio	6125		NA	09/25/87
0530	0545	Czechoslovakia	R Prague	11990	9505 6055	Eu	10/11/86
0530	0555	Finland	R Finland	11755	9605 6120	NA/Eu/ME	10/09/87
0530	0625	NetherLands	R Netherland	9715	6165	WNA	09/19/86
0530	0600	Romania	R Bucharest	15380	15340 11940 11840 9685	9530	12/14/86
0530	0600	United Arab Emirates	R Dubai	21700	17775 15435 11955	Afr	07/21/87
0545	0600	England	BBC	5975		Far E/Aus/As	11/12/87
0600	0630	Australia	R Australia	17795	17750 17715 15395 15315 15240 15160 11945	World Service/NA	03/14/87
0600	0715	England	BBC	9640	5975	As/Pac/PapNG/Afr	11/12/87
0600	0700	South Korea	R Korea	9570	7275 6060	World Service/NA	10/03/87
0600	0700	Taiwan	V of Asia	7285		As/60S	07/20/87
0600	1100	USA	KUSW	6135		SE As	12/20/87
0600	0800	USA	MCSN	7365		N Eu	08/18/87
0600	0800	USA	WHRI	7400	6100	Eu/CA/SA	09/04/87
0615	0630	Canada	R Canada Int'l	15325	11840 9760 9740 7155	6140 6050	11/19/87
0615	0700	Fed Rep Germany	R Deutsche Welle	11765	9700 9610 7195	W Afr	11/29/87
0630	0700	Albania	R Tirana	9500	7065	Eu	12/24/86
0630	0700	Australia	R Australia	17750	17715 15395 15315 15240 15160 11945 11910	As/Pac/PapNG/Afr	03/14/87
0630	0700	Austria	ORF	15415	6155 6000	ME/Eu	11/22/87

0630	0655	Netherlands	R Nederland	11930	9895	W Afr	09/19/86
0630	0730	South Africa	Radio RSA	17825	17790	SW Afr/UW/Ireland	10/26/87
0630	0700	Switzerland	R Swiss Int'l	17570	15430	Afr	05/09/87
0645	0700	Canada	R Canada Int'l	15235	11840	Eu/Afr/NE	11/19/87
0645	0730	German Dem Rep	R Berlin Int'l	21540	21465	SE As	09/27/87
0645	0715	Romania	R Bucharest	21665	17805	Pac	11/13/86
0650	0830	Ecuador	HCJB	11835	9845	Eu	04/22/87
0700	0730	Australia	R Australia	17750	17715	As/Pac/PapNG	03/14/87
0700	1030	Ecuador	HCJB	11925	9745	S Pac	04/18/87
0700	0745	German Dem Rep	R Berlin Int'l	11810	5965	NE/Eu	12/05/87
0700	0900	Guam	KSDA	17855	11980		12/03/87
0700	0800	Japan	R Japan	21695	17810	60S/As/Am/Oc/Eu/NE	10/25/87
0700	1115	Pakistan	R Pakistan	17660	15605	Eu	09/06/87
0700	0800	Taiwan	V of Free China	5985		NA	07/21/86
0730	0800	Australia	R Australia	17750	17715	As/Pac/PapNG	03/14/87
0730	0800	Bulgaria	R Sofia	11720	9700	W Eu	10/03/87
0730	0800	Czechoslovakia	R Prague	21705	17840	S&E As/Pac	09/13/87
0730	0755	Finland	R Finland	11755	9560	Eu	10/09/87
0730	0825	Netherlands	R Nederland	9715	9630	NZ/Aus	09/19/86
0740	0757	Switzerland	Red Cross BC Service	21695	17830	Australasia	12/24/87
0800	0830	Albania	R Tirana	11835	9500	As/Aus	12/24/86
0800	0900	Australia	R Australia	17750	17715	As/Pac/PapNG	03/14/87
0800	0825	Belgium	BRT	17600	5910	SE As/Aus	10/27/87
0800	1700	N Mariana Is	KYOI	11900		Mon-Fri	12/03/87
0800	0900	South Korea	R Korea	13670	7550	340 deg	10/03/87
0800	1100	USA	KRLS	6150		Eu	11/27/87
0800	1100	USA	WHRI	7355	6095	Eu/CA/SA	09/04/87
0805	0930	Guam	KTHR	11805		Japan	08/31/87
0815	0900	German Dem Rep	R Berlin Int'l	21540	21465	Fair E/Eu	09/27/87
0828	0855	Netherlands	R Nederland	9630		Aus	09/19/86
0830	0900	Austria	ORF	15415	11915	NE/Aus/As/Eu	11/22/87
0830	0930	China	R Beijing	15440	11755	S Pacific	11/14/87
0830	0900	Czechoslovakia	R Prague	21705	17840	S&E As/Pac	09/13/87
0830	0900	Italy	ANR Europe	7257		Eu	11/27/87
0830	0925	Netherlands	R Nederland	21485	17575	Asia	09/19/86
0830	0900	Switzerland	R Swiss Int'l	21695	17830	Aus/NZ	11/18/87
0900	1000	Australia	R Australia	15415	9710	As/Pac/PapNG	03/14/87
0900	0915	Austria	ORF	11915	6155	Eu	08/29/87
0900	0950	Fed Rep Germany	R Deutsche Welle	21680	21650	Aus/As	11/29/87
0900	1100	Guam	KSDA	11980	11700		12/03/87
0900	1000	Japan	R Japan	17810	11840	60S/As/Dc	10/25/87

1300	1500	USA	MHR1	11790	9455		Eu/Cr/SA	11/08/87
1300	1400	USSR	R Moscow	17820	15540	15530	World Service	11/27/87
1301	1400	China	R Beijing	11755	11600	9530	SE Asia	11/14/87
1310	1327	Switzerland	Red Cross BC Service	21695	17830	15570	S/SE Asia	12/24/87
1330	1355	Belgium	BRT	17600	15590		NA/SE As	09/22/87
1330	1415	German Dem Rep	R Berlin Int'l	21540	21465	17860	SE As	09/27/87
1330	1500	India	AIR	15335	11810	9545	60S/SE As	04/17/87
1330	1400	Switzerland	R Swiss Int'l	21695	17830	15570	E Afr/India/Aus/NZ	11/18/87
1330	1400	United Arab Emirates	R Dubai	21605	17865	15435	Eu/Afr	09/13/87
1330	1355	USSR	R Tashkent	11785	9715	9600	As	12/25/87
1400	1430	Albania	R Tirana	11985	9500		As/Aus	12/24/86
1400	1430	Australia	R Australia	9580	7135	6080	As/Pac/PapMG	03/14/87
1400	1500	Austria	ORF	12015	11855		E As	04/26/87
1400	1700	Canada	R Canada Int'l	17820	15440	11855	NA/Carib	11/19/87
1400	1500	China	R Beijing	15165	11600		S Asia	11/14/87
1400	1500	England	BBC	11750	9740		World Service/NA	11/12/87
1400	1425	Finland	R Finland	15400	11945		NA	10/09/87
1400	1600	Guaa	KSDA	11980	9830			12/03/87
1400	1500	Japan	R Japan	11815	9695	7210	60S/As/Am	10/25/87
1400	1430	Norway	R Norway	15315	15310	15245	EMR/CR/As/Aus	10/16/87
1400	1500	South Africa	Radio RSA	21590	17810	15125	Afr/NE/UK/Ireland	10/26/87
1400	1500	South Korea	R Korea	15575	9750	9570	Am/SE As	10/03/87
1400	1430	Sweden	R Sweden	15345	9695		NA	10/25/87
1400	1600	USA	WESH	13760			SAW Afr	12/26/87
1400	1500	USSR	R Moscow	17820	15540	15475	World Service	11/27/87
1430	1500	Australia	R Australia	9580	7205	6080	As/Pac/PapMG	03/14/87
1430	1457	Czechoslovakia	R Prague	21505	17730	15155	S/E As/Pac	05/15/87
1430	1600	Guaa	KTKR	9870			India	11/05/87
1430	1500	Hungary	R Budapest	17780	15160	11910	As	04/18/87
1430	1525	Netherlands	R Nederland	17575	15560	13770	S/E As/Eu	09/19/86
1500	1530	Australia	R Australia	9580	7215	7205	As/Pac/PapMG	03/14/87
1500	1600	China	R Beijing	15165	11600		S Asia	11/14/87
1500	1700	Costa Rica	AMR	15460			LA	06/14/87
1500	1515	England	BBC	15260	11750	9740	World Service/NA	11/12/87
1500	1550	Fed Rep Germany	R Deutsche Welle	21600	17825	9735	S/E Afr	11/29/87
1500	1600	Japan	R Japan	21700	11815	9695	60S/As/Am/Eu/NE	12/01/87
1500	1530	Philippines	R Veritas Asia	15215	9770		As	08/25/87
1500	1530	Romania	R Bucharest	15335	15250	11940	As	05/23/87
1500	1556	South Africa	Radio RSA	21590	17810	15125	Afr/NE/UK/Ireland	10/26/87

1900	2000	Australia	R Australia	9580	7215	7205	6080	6060	6035	As/Pac/PapMG	03/14/87
1900	1930	Canada	R Canada Int'l	17820	15260					Afr	09/30/86
1900	2000	China	R Beijing	9740	6860					Eu	11/14/87
1900	1957	Czechoslovakia	R Prague	7345	5930					Eu	09/08/87
1900	2000	Ecuador	HCJB	17780	15270	11790				Eu	12/13/87
1900	1930	Japan	K Japan	9505						60S/Americas	10/25/87
1900	2200	M Mariana Is	KY01	9670							12/03/87
1900	1930	Norway	R Norway	9590						NR/Afr	10/18/87
1900	1930	Portugal	R Portugal	15250	11870					Afr	12/22/87
1900	2200	USA	KUSM	17715						70 deg	12/20/87
1900	2100	USA	MRI	17830	13760					Eu/CA/SA	12/03/87
1900	2100	USA	WFR	17845	11905					Canada	11/04/87
1900	1930	USSR	R Kiev	7170	6165	6090	6010			Eu	11/10/87
1915	2000	Berman Dem Rep	R Berlin Int'l	6115	6080					Eu	09/27/87
1920	1930	Greece	V of Greece	11645	9425	7430				Eu	09/07/87
1930	2000	Bulgaria	R Sofia	9700	7155	6070				M Eu	12/04/87
1930	2000	Canada	R Canada Int'l	17875	15325	15140	11945	7285	5995	M Eu	11/19/87
1930	2030	China	R Beijing	9440	7480	6955				MRN Afr	11/14/87
1930	1955	Finland	R Finland	11755	9530	6120				Eu	10/09/87
1930	2025	Iran	R Tehran	9765	9022	3778				Eu/N Afr/ME/As/ENA	02/05/87
1930	2000	Portugal	R Portugal	11740	9470					Eu	12/22/87
1930	2025	Romania	R Bucharest	11940	9750	9690	7145			Eu	05/19/87
1935	1955	Italy	RAI	9575	7525	7290				Breat Britain	12/01/87
1945	2030	German Dem Rep	R Berlin Int'l	15255	11920	9665				C Afr	12/05/87
1945	2045	India	AIR	11855	11620	9910	9755	7412		60S/M Eu/Afr	04/17/87
2000	2030	Australia	R Australia	9620	9580	7215	7205	6035		As/Pac/PapMG	03/14/87
2000	2100	Buam	KSOA	11700							12/03/87
2000	2030	Israel	Kol Israel	9845	9435	9011	7462	7355		MR/Eu/Afr	11/29/87
2000	2030	Norway	R Norway	9525	7125					SA/Eu	10/18/87
2000	2400	USA	KVOH	17775							08/16/87
2000	2200	USA	WCSN	15230						S Eu	12/26/87
2005	2105	Syria	R Damascus	11625	9950					Eu	12/15/87
2015	2145	Egypt	R Cairo	9670						Eu	08/17/87
2025	2045	Italy	RAI	9575	7235					Near East	12/01/87
2030	2100	Albania	R Tirana	11835	9480					Afr	12/24/86
2030	2100	Australia	R Australia	9620	9580					As/Pac/PapMG	03/14/87
2030	2130	China	R Beijing	9440	7480	6955				MRN Afr	11/14/87
2030	2200	Egypt	R Cairo	15375						M Afr	08/17/87
2030	2125	Netherlands	R Nederland	11740	9895	9715	9540			M Afr	09/19/86

2030	2130	South Korea	R Korea	15575	7550	6460	Eu/NE/Afr	10/03/87
2030	2130	Spain	Sp Foreign Radio	9765	7275		Eu	04/11/87
2045	2230	India	4IR	11715	11620	9910	60S/W Eu/Aus/NZ	03/28/87
2100	2130	Australia	R Australia	15395	15240	15160	As/Pac/PapMG	03/14/87
2100	2115	Cameroon	R Cameroon	5010	4850			12/23/87
2100	2130	Canada	R Canada Int'l	15325	11945	7130	W Eu	11/19/87
2100	2200	China	R Beijing	9740	6660	6165	Eu	4/8/75a v Switzerland
2100	2150	Fed Rep Germany	R Deutsche Welle	9765	9605	7130	Aus/As	11/29/87
2100	2110	Ghana	Ghana BC Corp	3366				12/23/87
2100	2300	Guia	KSDR	11965	11700		Eu	09/22/87
2100	2130	Hungary	R Budapest	11910	9835	9585	Eu	12/03/87
2100	2300	Iraq	R Baghdad	7295			Eu	11/04/87
2100	2130	Japan	R Japan	17835	7280	7140	60S/As/SA/Oc	10/25/87
2100	2130	Romania	R Bucharest	11940	9730	9690	Eu	05/19/87
2100	2156	South Africa	Radio RSA	11900	9580	7295	W/C Afr/UK/Ireland	10/26/87
2100	2130	Sweden	R Sweden	9700	6065		Eu/Afr	10/25/87
2100	2130	Switzerland	R Swiss Int'l	15570	12035	9885	Afr	05/09/87
2100	2150	Turkey	V of Turkey	7215			Eu	10/03/87
2100	2300	USA	WKK1	37830	9770		Eu/CA/SA	12/03/87
2100	2200	USSR	R Moscow	11840	7195	7150	World Service	11/27/87
2105	2205	Syria	R Damascus	11625			NA	12/15/87
2130	2200	Australia	R Australia	15395	15240	15160	As/Pac/PapMG	03/14/87
2130	2200	Austria	ORF	11720	9655	6000	W Afr/As	08/29/87
2130	2200	Bulgaria	R Sofia	7152	7115	6070	R/R	12/04/87
2130	2200	Canada	R Canada Int'l	17820	15150	11860	Afr	10/03/87
2130	2200	Ecuador	RCJB	17780	15270	11790	Eu	12/13/87
2130	2200	USSR	R Vilnius	6100			ENA/Eu	05/31/87
2145	2230	German Dem Rep	R Berlin Int'l	6125	5965		Americas	09/27/87
2200	2300	Argentina	RAE	11710	9690		As/Pac/PapMG	09/25/87
2200	2400	Australia	R Australia	17795	15395	15320	As/Pac/PapMG	03/14/87
2200	2225	Belgium	BRT	6035	5910		NA/Eu	10/27/87
2200	2300	Canada	R Canada Int'l	11945	9760		W Eu	10/03/87
2200	2230	Czechoslovakia	R Prague	6055			Eu	05/14/87
2200	2200	England	BBC	6175	5975		World Service/NA	11/12/87
2200	2225	Finland	R Finland	9670	6120		SA/Eu	11/26/87
2200	2200	Italy	RAI	9710	5990		Japan	12/01/87
2200	0200	Mariana Is	KY01	15405				340 deg
2200	2230	Norway	R Norway	9605	9525		SA	12/03/87
2200	2300	Taiwan	V of Free China	15370	11900	11805	Eu/Aus/NZ	10/18/87
				5955	7355			WYFR:11805 & 7355

2200	0000	USA	15580		70 deg	12/20/87
2200	2400	USA	9495	C Afr	90 deg	12/03/87
2200	0000	USA	13760			12/03/87
2200	0900	USA	15445	15425 13665 12050 11770 7310 7195 7115	World Service	11/27/87
2200	2300	USSR	13645	11860 11790 7165 6200 5980		12/25/87
2200	2330	USSR	9620	7240 6100		09/25/87
2230	2300	Yugoslavia	9480	7065		12/24/86
2230	2300	Albania	11720	6070		12/04/87
2230	2330	Bulgaria	6165	3985		11/05/87
2230	2300	China	9845	9435 9011 7462 7355	v Switzerland	11/29/87
2230	2300	Israel	6110			03/28/87
2230	2330	Malta	7270	7125 6135 5995		08/07/86
2230	2300	Poland	7325	6175 5975		12/23/87
2245	2300	England	4915	3366		11/08/87
2245	2255	Ghana	17705	15150	News in English	11/08/87
2245	0045	New Zealand	11730	9755		06/29/87
2300	2330	Canada	9590	9515 7325 6175 5975		11/12/87
2300	0030	England	7295	6165 6125 6070 5965	9590 S, 9515 A	09/27/87
2300	2345	German Dem Rep	11700			12/03/87
2300	2400	Guam	15300	15280 15195 11800 7280 7140		12/01/87
2300	2400	Japan	13660	11735	11800 Gabon relay	12/20/87
2300	2350	North Korea	9695	6065		11/21/87
2300	2330	Sweden	17760	9445 7160 7135		11/08/87
2300	2350	Turkey	11770	9770		12/03/87
2300	2400	USA	12050	11770 7310 7215 7150 6045 4000	add'l freqs in use	11/27/87
2300	0400	USSR	9760	7065		12/24/86
2300	0000	Albania	15575			10/03/87
2330	0030	South Korea	11645	9395		08/03/87
2335	2345	Greece	15205	11580 9775 9445 6130 5995	Eng news	12/05/87
2355	0100	USA			Americas	

NOTICE - NOTICE - NOTICE - NOTICE - NOTICE - NOTICE - NOTICE

The EAST COAST SWL NET is changing times effective January 3.
The new start time is one hour later: 1500 UTC. Come listen
to the latest happenings:

EAST COAST SWL NET
SUNDAYS - 1500 UTC - 7240 kHz LSB

12/27/87

ENGLISH LANGUAGE DX SHOWS: By Day of Week
Compiled by Thomas R. Sundstrom, W2IQ

Shortwave Dx Program	Show	Time	Start Time	Country	Station	Freq #1	Freq #2	Freq #3	Freq #4	Freq #5	Freq #6	Freq #7	Target Area	Notes re Dx Show	Record Last Updated
** DAY OF THE WEEK: Sunday															
World of Radio	0630	0000	USA	WRMG	7355								SA/NA		10/17/87
Radio World	0645	0030	Belgium	BRT	9925	5910							NA		09/22/87
SWL Digest	0105	0059	Canada	R Canada Int'l	9755	5960							NA		10/19/87
Communications World	0110	2355	USA	VQA	15205	11580	9775	9445	6130	5995			Americas		12/05/87
SW Merry-Go-Round	0220	0200	Switzerland	R Swiss Int'l	12035	9885	9725	6135	5965				NA		05/16/86
Communicator	0230	0230	Australia	R Australia	17795	17750	17715	15240	15180				As/Pac/PapMG		12/27/87
Dx Party Line	0230	0200	Ecuador	HCBJ	11775	9720	6230						NA		05/03/86
Dx Corner	0315	0300	South Africa	Radio RSA	11900	9580	7295	4990					NA		09/20/86
SW Merry-Go-Round	0420	0400	Switzerland	R Swiss Int'l	12035	9885	9725	6135					NA		05/16/86
Dx Party Line	0630	0200	Ecuador	HCBJ	11775	9720	6230						NA		12/20/87
Dx Corner	0650	0630	South Africa	Radio RSA	17825	17790	15125	7295					SW Afr/UK/Ireland		09/28/86
Communicator	0730	0730	Australia	R Australia	17750	17715	15395	9655	5995				As/Pac/PapMG		12/27/87
Pacific Dx Magazine	0840	0805	Guam	KIMR	11805								Japan		08/31/87
Shortwave Panorama	0905	0900	Austria	ORF	11915	6155	6000						Eu		09/13/86
SW Merry-Go-Round	0915	0900	Portugal	AMR Europe	9670								Eu		11/27/87
Dx Corner	0929	0900	Japan	R Japan	17810	11840							60S/As/Oc		05/09/87
Dx Corner	1129	1100	Japan	R Japan	17810	7210	6120	5990					60S/Asia/NA		05/09/87
Dx Program	1200	1200	USSR	R Tashkent	11785	9715	9600	7275	5945				As		10/16/86
Communicator	1230	1230	Australia	R Australia	9770	9580	7215	7205	6080	6060			As/Pac/PapMG	Su after 2nd Sat/no	12/25/87
Shortwave Panorama	1233	1230	Austria	ORF	15320	11915	6155						EMW/Aus/As/Eu		05/09/87
Shortwave Panorama	1430	1400	Austria	ORF	12015	11855							E As		09/28/86
Communicator	1730	1530	Australia	R Australia	9580	7215	7205	6080	6060	6035			5995 As/Pac/PapMG		12/27/87
Shortwave Panorama	1805	1805	Australia	ORF	12015	11825	6155	6000	5945				ME/EAS Afr/Eu		09/28/86
Dx Spot	1850	1830	Spain	Sp Foreign Radio	15375	11840	9765	7275					Afr/ME/Eu		05/31/87
Dx Show & Mailbag	1915	1900	USSR	R Kiev	7170	6165	6090	6010					Eu		10/19/87

DX Corner	2020	2000	Israel	kol Israel	9845	9435	9011	7462	7355	NR/Eu/Afr	09/04/87	
Comunicator	2030	2030	Australia	R Australia	9620	9580				As/Pac/PapNS	12/25/87	
DX Spot	2050	2030	Spain	Sp Foreign Radio	9765	7275				Eu	04/11/87	
DX Corner	2140	2100	South Africa	Radio RSA	11900	9580	7295			M/C Afr/UK/Ireland	09/07/86	
DX Corner	2250	2230	Israel	kol Israel	9845	9435	9011	7462	7355	NR/Eu/LA	09/04/87	
SWL Digest	2305	2300	Canada	R Canada Int'l	11730	9755				Carib	05/31/86	
R Sofia Calling	2315	2230	Bulgaria	R Sofia	11720	6070				NR/W Eu	10/03/87	
DX Corner	2329	2300	Japan	R Japan	15300	15280	15195	11800	7280	7140	60S/As/OC/Au/NE	05/09/87

**** DAY OF THE WEEK: Monday**

DX Corner	0020	0000	Israel	kol Israel	9845	9435	7465			NA	04/04/87		
DX Spot	0020	0000	Spain	Sp Foreign Radio	9630	6125				NA	01/11/87		
SW Feedback's DX Cor	0025	2330	South Korea	R Korea	15575					As	10/03/87		
Radio World	0045	0030	Belgium	BRT	9925	5910				SR/NA	09/22/87		
R Sofia Calling	0045	0000	Bulgaria	R Sofia	11720	6070				NA/W Eu	10/03/87		
DX Show & Mailbag	0045	0030	USSR	R Kiev	13645	11890	11790	7165	6200	6020	10/19/87		
DX Corner	0120	0100	Israel	kol Israel	9845	9435	7465			NA	04/04/87		
DX Spot	0120	0100	Spain	Sp Foreign Radio	9630	6125				NA	01/11/87		
DX Corner	0220	0200	Israel	kol Israel	9845	9435	7465			NA	09/04/87		
DX Corner	0240	0200	South Africa	Radio RSA	11730	9615	9580			NA	09/07/86		
DX Show & Mailbag	0315	2300	USSR	R Moscow	12050	11770	7310	7215	7150	7115	12/20/87		
DX Corner	0329	0300	Japan	R Japan	21610	17845	17810	5960		6045	05/09/87		
Shortwave Panorama	0435	0430	Austria	ORF	11805	6075				60S/Asia/NA	05/19/86		
R Sofia Calling	0445	0400	Bulgaria	R Sofia	11840	11735	9560	7115		RE/WNA/Eu	10/03/87		
Waveguide	0450	0430	England	BBC	9510	5975				Afr/NA	12/01/87		
DX Spot	0520	0500	Spain	Sp Foreign Radio	6125					World Service/NA	10/03/87		
Radio World	0615	0600	Belgium	BRT	17600	5910				NA	09/22/87		
DX Party Line	0830	0700	Ecuador	HCJB	11925	9745	6130			SE As/Aus	05/03/86		
Radio World	1015	1000	Belgium	BRT	17795	15510				S Fac	09/22/87		
DX Party Line	1206	1158	Ecuador	HCJB	6075					Afr	05/14/87		
DX Corner	1315	1300	South Africa	Radio RSA	21590	17810	15125	9750		Far/E/Jap	02/09/87		
Radio World	1345	1330	Belgium	BRT	17600	15590				Afr/NE/UK/Ireland	09/22/87		
DX Party Line	2130	2130	Ecuador	HCJB	17780	15270	11790			NA/SE As	05/03/86		
RBI DX Club	2205	2145	German Dem Rep	R Berlin Int'l	6125	5965				Eu	09/27/87		
RBI DX Club	2320	2300	German Dem Rep	R Berlin Int'l	7295	6165	6125	6070	5965	EMA/Eu	09/27/87		
DX Program	2350	2300	USSR	R Moscow	12050	11770	7310	7215	7150	7115	6045	EMA	10/05/87

** DAY OF THE WEEK: Tuesday													
R61 DI Club	0020	0000	German Dem Rep	R Berlin Int'l	9730	6080	7215	7150	7115	6045	ENA	biweekly	12/13/87
R61 DI Club	0105	0045	German Dem Rep	R Berlin Int'l	9730	6080					ENA	biweekly	09/27/87
DI Program	0140	2300	USSR	R Moscow	12050	11770	7310	7215	7150	6045	ENA		11/10/87
R61 DI Club	0230	0200	Ecuador	HCJB	11775	9720	6230				NA		05/03/86
R61 DI Club	0235	0215	German Dem Rep	R Berlin Int'l	9730	6080					ENA		09/27/87
SW Merry-60-Round	0305	0100	USA	WHRI	7400						Eu/CR/SA	R Earth repeat	11/10/87
Sweden Calling Diers	0310	0100	USA	WHRI	7400						Eu/CR/SA	R Earth repeat	11/10/87
R61 DI Club	0320	0300	German Dem Rep	R Berlin Int'l	9360	6080					ENA	biweekly	11/10/87
DI Program	0340	2300	USSR	R Moscow	12050	11770	7310	7215	7150	6045	ENA		11/10/87
DI Program	0440	0400	USSR	R Moscow	13645	12050	11790	7290	7260	7165	6190	WNA	11/10/87
R61 DI Club	0450	0430	German Dem Rep	R Berlin Int'l	9560	6080					WNA		09/27/87
DI Party Line	0630	0200	Ecuador	HCJB	11775	9720	6230				NA		12/20/87
DI Program	0640	0400	USSR	R Moscow	13645	12050	11790	7290	7260	7165	6190	WNA	11/10/87
Sweden Calling Diers	1410	1400	Sweden	R Sweden	15345	9695					NA		12/23/86
Sweden Calling Diers	2110	2100	Sweden	R Sweden	9700	6065					Eu/Afr		05/19/87
Sweden Calling Diers	2310	2300	Sweden	R Sweden	9695	6065					NA		05/13/86
** DAY OF THE WEEK: Wednesday													
Sweden Calling Diers	0240	0230	Sweden	R Sweden	9695						NA		06/17/87
World of Radio	0300	0100	Costa Rica	R for Peace	7375						NA		11/13/87
DI Party Line	0930	0700	Ecuador	HCJB	11925	9745	6130				S Pac		06/25/86
DI Party Line	1206	1158	Ecuador	HCJB	6075						Fare/Afp		05/14/87
Dier's Special	1800	1730	Argentina	RAE	15345						Eu/Afr/AE		12/13/87
DI Party Line	2130	2130	Ecuador	HCJB	17780	15270	11790				Eu		06/25/86
Dier's Special	2230	2200	Argentina	RAE	11710	9690					Americas		12/13/87
** DAY OF THE WEEK: Thursday													
Waveguide	0130	0030	England	BBC	9515	7325	6175	5975			World Service/NA		12/16/87
Dier's Special	0230	0200	Argentina	RAE	11710	9690					Americas		12/13/87
DI Party Line	0230	0200	Ecuador	HCJB	11775	9720	6230				NA		08/25/86
Dier's Special	0430	0400	Argentina	RAE	11710	9690					Americas		12/13/87
DI Party Line	0630	0200	Ecuador	HCJB	11775	9720	6230				NA		12/20/87
Media Network	1150	1130	Netherlands	R Nederland	21460	17605	17575	15560	9715	5955	Eu/NE/As		06/22/86
DI Corner	1315	1300	South Africa	Radio RSA	21590	17810	15125	9750			Afr/AE/JUK/Ireland		09/28/86
Media Network	1450	1430	Netherlands	R Nederland	17575	15560	13770	11735	5955		SE As/Eu		09/04/86
World of Radio	1615	1559	USA	WRND	15420						SE As/Eu		12/20/87
Media Network	1650	1630	Netherlands	R Nederland	15370	6020					SE Afr		09/04/86
Media Network	1850	1830	Netherlands	R Nederland	21685	17605	15180	6020			Afr/Eu		06/22/86
Media Network	2050	2030	Netherlands	R Nederland	11740	9895	9715	9540			W Afr		08/22/86

ELIGIBILITY

The 1988 DX Championship is open to all DXers residing in North America (as defined by the country list of the North American Shortwave Association (NASWA)). Members of the NADXC Administrative Committee and the judges are excluded from participation.

LISTENING PERIOD

The contest listening period will commence at 0000 UTC on February 13, (Friday evening local time) and end at 0000 UTC on February 22 (Sunday evening local time). The DXer can choose any continuous or noncontinuous 48 hours within the contest listening period. Any portion of a one-hour period counts as a full hour, therefore the period 2150 to 2210 UTC counts as two hours. Contestants should submit a summary of time periods listened.

PRIZES

Trophies will be awarded to the Top 3 finishers in the DX Championships. All entrants will receive a participation certificate indicating that they competed in the 1988 North American DX Championship. The certificates for the Top 20 will have their place of finish in the DX Championships indicated on their certificates by Numero Uno's resident artistic designer-John Herkimer.

SCORING

Contestants are to log as many stations as possible from as many countries as possible within the prescribed listening period. The first station logged from each country = 5 points. Each additional station from that country = 1 point. For contest purposes, all clandestine stations and hobby pirate transmissions will be considered one "country". A station is a shortwave broadcaster whose transmissions are intended for reception by the general public. Each transmitter site of a broadcasting organization will count as a separate station. Different services of the same broadcast organization do not count as separate stations. Transmissions of a single broadcast organization on various frequencies may only be counted once. The use of multiple frequencies does not create as many new stations as frequencies used. For country counting and station counting purposes, the country list of the North American Shortwave Association (45 Wildflower Road, Levittown, PA 19057) will be the sole criterion.

The 1988 NADXC will utilize the shortwave spectrum defined for contest purposes as 2 MHZ to 22 MHZ.

Participants are required to submit a running log to include country, station, frequency, time, date, SINPO, and the basis of station identification (i.e. spoken ID, interval signal, language, program, known // frequency checked, etc.).

Each contestant is required to total his own entry and provide a summary of the number of countries, and stations claimed to support the point totals. Logs will be judged on accuracy, completeness and neatness. If the judges cannot read a log, that log will not be counted for scoring purposes. The decision of the judges is final.

FEES

A small administrative fee of \$2.00 plus a business size SASE must be provided for each contest entry. All entries must be postmarked by Monday, March 7, 1988 and sent to:

Mr. Kent Corson
4015 Tanglefoot Terrace
Bettendorf; IA 52722
USA

Results of the contest should be available in July. Notification of the winners will be sent to each of the ANARC member clubs for publication.

Good luck from the 1988 NADXC Administrative Committee-Kent Corson, Richard D'Angelo, Gerry Dexter and John Herkimer.

WINTER SWL FESTIVAL

When: February 13-14 1988. Meeting room will be open Friday evening.

Where: Fiesta Motor Inn
1130 N. Easton Road
Willow Grove, Penna 19090
215-659-9300

Take Exit 27 of the PA turnpike to Route 611 South. Motel is 2 blocks on the right.

There is limo service from Phila. International Airport directly to the Fiesta.

What: Roundtable discussions and DX chatter - meet your fellow DX'er. Listen-a-thon -- The motel has given us the go ahead to put up antennas on the roof. We will have listening posts set up for DX'ing. A large board will be set up to track the countries logged during the festival.

This festival is being set up independently from any organization. The intent here is to give everyone an opportunity to meet fellow SWL'ers, exchange ideas and info, and above all else to HAVE FUN.

Registration is \$15. Please try to register by January 22. Checks should be payable to WINTER SWL FEST. Registration for motel room should be made directly to the FIESTA MOTOR INN - As soon as possible! Special rates \$36 single, \$42 double, \$3 each additional. Our function code with the motel is SWL-NET. Please refer to this to get the special room rates. Listen to the SWL Net on 7.240 at 1400 UTC Sundays for up to the minute info.

Please submit the above with your registration to:

Bob Brown
238 Cricklewood Circle
Lansdale, PA 19446

Name: -----

Address: -----

City: ----- State ____ Zip -----

Phone: (____) -----

Interests: -----

Are you willing to bring a receiver for the listening posts? _____

* * *



ASSOCIATION OF NORTH AMERICAN RADIO CLUBS

November 27, 1987
FOR IMMEDIATE RELEASE

ANARC
P. O. Box 143
Falls Church, VA 22046-0143
U S A

87/2

ANARC: CHANGES AND CONTINUITY

Effective December 1, 1987, our new headquarters mailing address is: Association of North American Radio Clubs, P.O. Box 143, Falls Church, VA 22046-0143. All correspondence concerning ANARC activities - except for requests for club lists and newsletter subscriptions - should be sent to this new address.

The ANARC Newsletter will resume publication with the January 1988 issue. Mike Knitter continues as Publisher, and Bob Gunderson is staying on as Publications Manager. Current subscribers from before June 87 will get the full number of issues paid for. Subscriptions ordered since last June will begin with the January issue. The Newsletter is our primary medium for publicly reporting ANARC and member clubs' activities. It will be structured to complement, not compete, with the club newsletters. Harold Sellers' "Marketplace Report" continues as a regular feature. Subscriptions for 12 monthly issues (one year) cost \$7.50 for 1st class delivery in North America, \$10 elsewhere via airmail. Sample copies will be available in January for 60 cents plus a business size SASE. Order from:

ANARC Publications
P.O. Box 462
Northfield, MN 55057

Bill Krause is staying on as sysop of the ANARC bbs (217-368-3124). We expect to make increased use of this system for disseminating time-critical information; soliciting help for projects; and distributing noncommercial radio-related software (texts, programs and lists). Your suggestions are needed on how we can better serve you electronically.

Randy Erickson found the press of other commitments too great to continue as ANARC's Publicity Coordinator. Mike Harris (P.O. Box 294, Pickerington, OH 43147) will now take on that role. Mike's primary responsibility will be producing ANARC's regular radio reports on RCI and HCJB. He will also manage outreach projects with the help of other volunteers.

Next July's ANARC Convention in Orange County, California, will provide an opportunity to review some of the changes we're initiating, and chart our future course. Hosted by the American Shortwave Listeners Club (with help from the Southern California DXers), the theme will be "World Friendship Through Radio Communications." This is one meeting you won't want to miss.

Additional changes and plans will be announced shortly. Thanks for your patience and support as we regroup in preparation for the 1990s.

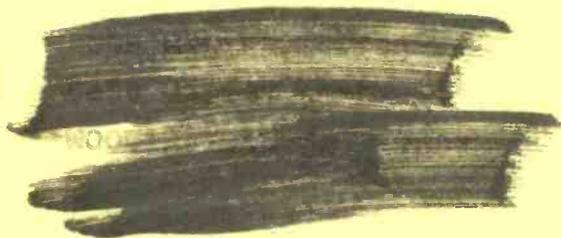
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NORTH AMERICAN SHORTWAVE ASSOCIATION

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Airmail to Asia, Africa and the Pacific	\$28.00

All remittances must be in U.S. funds and mailed to:

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

DXtra

Besides **FRENDX**, NASWA also publishes **DXtra**... a mid-month newsletter with the very latest DX news while it's still news. It is available only to NASWA members.

DXtra SUBSCRIPTION RATES PER YEAR:

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

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

North America	\$1.00
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