

North American Short Wave Association

F R E N D X

SWBC NEWS 2-75

SCADS Southern California Area DXers will meet in Tustin CA at the Bel Air Motor Hotel, 140 West 1st Street, on Feb 15 & 16, from 0900 PST. If you want to stay overnight, please contact the motel for reservation. Their phone number is (714) 544-5560. Registration fee is \$4, which covers meeting room rent, refreshments & door prizes. You can pay at the door, or in advance. Additional information from Don Johnson, P.O. Box "E", Elsinore, CA 92330.

ANARC FREQUENCY RECOMMENDATION COMMITTEE needs qualified monitors. Must have DX experience and be able to read frequencies to the nearest 5 KHZ. Takes some time in monitoring. Write NASWA's SWC editor (he's also FRC Chairman) Charlie Wootten, at 4911 Battery Lane, Apt. 1, Bethesda, MD 20014.

CLANDESTINE BULLETIN ENDS With this issue the Clandestine Bulletin will terminate, for reasons explained in the column itself. This has been a very successful section of FRENDX, and sincere thanks go to its editor, Larry Magne, for a job well done. We will be making other use of the pages formerly used by CB, possibly with some new sections.

DSWCI TROPICAL BAND SURVEY This survey is still available to members in North America. Cost is \$1.50 postpaid. An excellent listing of the stations and their schedules - covers SW frequencies below 5900 KHZ. Order from HDQ.

NEW ADDRESS for Editor BOB HILL is given in his section. Please make note that it is effective February 1, 1975, so should be used for reports for the March issue. NOTE also that section A, edited by Bob Hill, will henceforth cover frequencies below 5899 KHZ. 49 meter band frequencies should be sent to the section B editor. These changes are effective immediately.

BOLIVIAN SURVEY covering stations monitored by Tony Jones in Paraguay, with details on ID ams, schedules, etc., continues to be available. Cost is \$1.50 in NA. Order now while the DX is still rolling in! Order from HDQ.

LANGUAGE REPORT GUIDES have been out of print for some time and Dan F. has been in no hurry to get them reprinted because he would then have to handle orders for them, and he's so lazy he didn't want to do that. However, Mac Leonhardt will be taking on that job (distributing reprints & special publications) shortly, and efforts will be made to get the language report guides redone and available.

PLEASE! It will be a great help if material for the sections of FRENDX is sent direct to the editor of the proper section. Material sent to HDQ, or to the wrong editor takes much longer to get to where it should go, and adds to the burden at HDQ. Thanks.

EDITORS TO CHANGE Mac Leonhardt will, in 2 or 3 months, begin handling the distribution of reprints, etc., and the B section of the Log Report will be handled by Jim Young. For the time being, Mac will continue with the B section. Further details on the change will be given next month. Meantime, continue to send B section reports (5900-11600) to Mac Leonhardt.

renov now!

THE LOUDENBOOMER REPORT

Oh crud, it's that time again. Yep, time to dig into the stack of mail heaped up on my desk, obscuring the rig.

Hmmm, here's a promo from PILFER. They've got a new antenna they're offering for only \$59. "Weeks in the making! -- the fantastic new 'Coat Hanger'! Equally good on all bands, made of tough, turable high grade steel in our unique 'flattened-triangle' design! Handy hook allows instant set-up and take-down of the CH20. Also comes in special low-frequency version which incorporates wooden supportive slats. If you want the low-freq. model (CH001) be sure to specify you want the 'Pants Hanger'."

What's this next one? A QSL? Well I'll be a son of Shogunle. Postmarked "Zanzibar", and as soon as I can reip it open...there. "Dear Odd Fellow: I have what you want and you will get it as soon as I want you to. I cannot confirm nor deny whether or not this is a verification, but until I can QSL report, let me acknowledge that it was indeed a report. Signed, Oh My M. Ohmy, B.A." Jeez, maybe for my next ploy I can get a CIA operative on the island to help...

Oh boy, here's that weekly junk from Ghana, the pen-pal list I inadvertently got on when I sent a report to Accra many moons ago. It's called "Ghana put the bite on you." This correspondent, Bwana George Mbuji-Maya writes: "Dear Yankee: please send any extra communications-type receivers you might have on hand. Also, I am starting a collection of American currency. Major interest is for pictures on bills. I have Washington, Lincoln and Hamilton...need Ben Franklin. Can U help? Your buddy, G.M.M. Hey guy, I need BF myself!

Well surprise, surprise -- a QSL from Hong Kong Meteorological Station. And they were so easy to hear with that oob frequency 8827 kHz. Lessee ..."Dear friend, Thank you for your interest. The temperature in Hong Kong is 75 degrees. Sincerely, Sari Noverie." Eeeeeeeeeeeeeeahhhhh!

Couple of letters from new clubs here. The first one is "Like a Local DXERS." The members of this elite organization, it says, specialize in hearing the rare outlets "like a local." Of course, this entails a lot of travel. The prexy writes to say that he's swung it so's he can meander Cook Islands-ways on "business", and while he's there, hi...HI indeed! Hrumph.

The second one looks important. I can tell because on the outside of the envelope is the big red word "important." Why, it's a letter from that self-acclaimed DX-bigwig Ford Ppffft. Howsabout that -- he's starting up a rival newsletter that he promises in no time will surpass SCDXers. Both of 'em will arrive bi-weekly, and that seems to be the major raison d'etre (besides Ford's ego!) Something tells me the \$5 would be better spent on Bhutanese mint stamps.

Talk about a name out of the past -- here's one you'll all recognize. "Dear Mr. Loudenboomer: Perhaps you've heard of me. My name is Dr. Johnny B. Good. I teach Sikkimese at OPU (Oshkanosh People's University). I noticed that in your loggings section of the IWWCDXA, you had an item on that clandestine Sour Milk Radio -- the Voice of Curdistan. The transliteration of the Parsi ID "Eh-ni Meh-ni Meye-ni Mo" was incorrect (I am also an expert on Parsi, of course, along with 26 other languages). This translation, without the tilde over the Eh-neh means "Sour Cream Radio", rather than sour milk. Signed, Prof. Johnny B. Good, PHD and BS." Hmm, I wonder where he gets the time to write to mere mortals like me. In between rewriting his annual rehash of receivers for those Madison Avenue mags, I wonder that he has any time to DX at all.

Hmm, here's the last one. Colly, from the looks of the dog-eared and yellow envelope, it's been sitting around for quite awhile. The Acme DX-Finance Co. Uh-oh. "Dear Mr. Loudenboomer: Since you have been consistently negligent in paying your monthly installments, we are forced to repossess your Crate B4U radio equipment. We will be at your home on Wednesday, the 21st. -- Acme." Ha, it's already the 23rd and I guess it must've been an idel threat, you know, to scare me. Well, I'll just take my Crate and put it in the clos.... Uh, I thought it was over here on my....Uh.....

THE NASWA AWARDS PROGRAM

Within the past year, NASWA has undertaken an extensive revamping of its awards program. In order to acquaint all members with the various awards and the requirements for receiving each award, the Awards Chairman, Dan Henderson, has provided the following information concerning each award.

Award

Requirement

European Continental DXer	Verification of one station in at least 25 European Broadcast countries.
African Continental DXer	Verification of one station in at least 40 African Broadcast countries.
African Continental DXPert	Verification of one station in at least 50 African Broadcast countries.
Asian Continental DXer	Verification of one station in at least 30 Asian Broadcast countries.
Asian Continental DXPert	Verification of one station in at least 50 Asian Broadcast countries.
North American Continental DXer	Verification of one station in at least 15 North American Broadcast countries.
South American Continental DXer	Verification of 10 South American broadcast countries.
DXer De Pacifica	Verification of one station in at least 10 Oceania Broadcast countries.
All Continent "QRP" DXer (For 50, 25, 10, 5, and 2 Kw-- revisions stickers 10 cents each)	For verification of one station from each radio continent, with the power from the lowest powered station verified in each continent totaled together for the <u>lowest</u> possible wattage combination.
All Voice of America DXer	For verification of 14 different VOA transmitter sites.
Maple Leaf DXer	For verification of 8 Canadian Shortwave broadcasters, of which RCI can be only one. Includes CHU, CFRX, CKFX, CFCX, CHNX, CKZN, CKZU, and RCI, for a minimum.
Soviet Sphere DXer	For verification of one station in at least 10 Soviet Sphere Broadcast Countries Includes only those stations in Soviet Union--not stations in E.Germany, Poland, etc).
Master Soviet Sphere DXer	For verification of one station in 15 Soviet Sphere broadcast countries.
Ecclesiastic DXer	For verification of 15 Religious Oriented Broadcast Stations--any station that is owned or operated by a religious organization.
ORTF DXer	For verification of at least 7 of the present stations controlled by the ORTF, one in each of 7 broadcast countries. (Includes <u>Fr. Guyana, Martinique, France, Afars & Issas, Reunion, Comoros, Tahiti, New Caledonia.</u>)
Emissora Nacional DXer	For verification of at least 1 station in each of 6 Broadcast countries that were Portuguese Territories on 1 January 1974 (Includes <u>Port. Guinea, Azores, Sao Tome, Angola, Mozambique, Timor, Cape Verde, Portugal</u>)

Award	Requirement
Senior Indonesian DXer	For verification of at least one Indonesian station in each of the 7 Indonesian broadcast countries.
Master Indonesian DXer	For verification of at least one Indonesian station in 13 or more provinces of special districts, including one from each broadcast country.
Senior Subcontinental DXer	For verification of at least one Indian station in 5 of the Indian states or districts.
Master Subcontinental DXer	For verification of at least one Indian station in 10 of the Indian states.
Senior Nigerian DXer	For verification of at least one station in each of the 4 Nigerian Regions and the Federal District at Lagos--at least one station in each region.
Master Nigerian DXer	For verification of 9 or more Nigerian transmitter sites.
Senior Ecuadorian DXer	For verification of at least one station in 12 or more of the Ecuadorian provinces.
Senior Brazilian DXer	For verification of at least one station in each of 20 of the Brazilian states and Federal Territories.
Senior Venezuelan DXer	For verification of at least one station in each of 15 of the Venezuelan states.

DX CENTURY AWARDS

World Wide DXer	For verification of at least one station from 50 different Broadcast countries.
DX Centurian	For verification of at least one station from 100 different Broadcast countries.
Senior DX Centurian	For verification of at least one station from 150 different Broadcast countries.
Master DX Centurian	For verification of at least one station from 200 different Broadcast countries.

As you can see, there are a great number of awards available, with most of them being difficult to obtain. However, there are a number of the awards that should be obtainable by the beginning DXer after some work. We hope that the club membership will be receptive to the awards program, and that you will participate in it. The awards are rather inexpensive, considering today's inflated economy, with each award being only \$.50 in stamps, coin, or check for US members, and 3 IRCs for Overseas members. All award applications should be sent to the awards chairman at the address shown below. All applications should be complete for each award, and should clearly show the country, station, date QSL'd, frequency, type QSL, and verie signer(if any). For QRP awards, the power MUST be given. Specific Enquiries on individual awards should be made to the awards chairman. It is the intent of the awards chairman to answer each application in as short a time as possible--I also hate waiting on the mails!! Any questions on the program, and enquiries about new awards should also be addressed to the awards chairman. Incidentally, there are at least 2 or 3 new awards being considered at the present time. Each award certificate is individualized, and will make a nice addition to the listener's collection. Hope to hear from each and every one of you!

Dan Henderson
 317 Brock Bridge Road
 Laurel, Maryland, 20810 USA

Shortwave Center

Charles A. Wootten
4911 Battery Lane, Apt.1
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YOUR MONEY'S WORTH

Anti-Inflation Maneuvers

"CUTTING COSTS ON VERIFICATIONS"

by
Scott Reeves

Saving money when sending for QSLs can be done without lowering your reply average. To start with, let's look at what every DX-er uses, whether or not he sends off for verifications:

Envelopes and paper (writing or typing): These items when bought in bulk can save you 30-50% off the retail rate. Most types of envelopes and paper can be bought in larger, money-saving quantities in stationary, drug, and other stores of similar ilk. However, legal-sized air mail envelopes, a necessity of most DX-ers, usually are not sold in quantities larger than 50 or so. One mail order company does sell more than a dozen type of every envelope in thousand envelope lots. Their air mail envelope saves about 35% from retail envelopes. For no extra charge your name and address is printed on the envelope. They send a listing and order form from: Envelope Sales Co., 800 Frontage Rd., Northfield, Illinois, 60093, U.S.A.

Postage: Most radio stations with some type of foreign service will verify without requiring return postage, however, some of these replies will be sent via sea mail. Return postage is not as important as the actual content of the reception report. A well-written interesting report with no return postage often times has a better chance of a reply than a poor report with three or four I.R.C.'s. I do not suggest that DX-ers stop using return postage, but that they research first to see if it is needed. The much publicized DX Stamp Service (83 Roder Parkway, Ontario, New York, 14519) will save you money as compared to the three or four I.R.C.'s - and, in any case, is more effective.

Taped Reports: These undoubtedly convince the station that you heard their broadcast, and are of some use to station engineers, but as far as I am concerned, they are a luxury I can do without. Leaving aside the cost of a taped report, I ask the membership to name a station that only verifies taped reports!

Correct Address: Some may laugh, but a correct address is of utmost importance, because it is your only link between you and the station. Reports to the wrong address are wasted reports. Most station address lists invariably have typographic and other errors. I suggest cross checking of addresses between two different sources, such as the current WRTVH, Gerry Dexter's "SWL Address Book" (from Gilfer Associates), and also NASWA's past QSL Report column for address information on the station. Relying on just one source can be sometimes disastrous.

Language of Report: An English language report is wasted if the station personnel have no knowledge of English. Reception report forms are available from NASWA and other sources for all major languages. (ed note: HAP has a translation committee that can do your report in 15 languages for a very slight fee. Write to Gene Moser, 6605 Woodland Court, Coloma, Michigan, 49038, for more details - and be sure to enclose a SASE!) Writing a Spanish report to Latin America costs only your time and the nominal fee of the report form, but often means the difference between getting a reply or not.

Gifts or Souvenirs: Many DX-ers send a small gift or souvenir to stations to increase replies, and some of the best DX QSLs have come to DX-ers as the result of a 45-rpm sent to the station. The cost of sending a record to each station is prohibitive to me, but there are much cheaper methods of thanking the station and the verification signer for the reply. Three gifts or souvenirs can be sent for a total of less than 3¢ per report. First of all, franked (used) stamps of your country or the world are often collected and appreciated by someone at the station. (ed note: not to dampen spirits or anything, but some countries do not allow used stamps to be mailed to that country. Be sure to check current postal regulations to be sure.) In the last week alone I have received QSLs from three countries thanking me for franked stamps and

Finance (Cont'd)

and requesting an exchange of such. The cost of these is only the seconds required to tear them off your correspondence. A second gift of nil cost is newspaper and magazine articles about the country you are writing to. In depth research articles and other articles are often appreciated, but it is a good idea to stay away from sensitive topics, such as politics. A third gift or souvenir is the small postcard of your area. It is small enough not to raise your postage costs, but large enough to give a full color picture of something in your general area with room on the back for a message. This is all for less than 3¢ per post card. Of course, the standard 10¢ postcard can also be sent and appreciated.

Consolidate Reports: Save postage by not sending unnecessary letters. If possible, verify more than one frequency/station with each report. In several countries, (such as Nigeria), network stations can be verified through the head station.

When To Send Follow-ups: Check QSL Report and the SWL Address Book for the average time required for a QSL from the station in question. Some stations normally take a year or more for the reply. Therefore, a follow-up or new report after just a few months would be premature. Patience saves money: QSLs have been known to come in after one report years ago!

We would like to hear of other ways of cutting costs without cutting the hobby. If you have any such ideas, send them to: FINANCE, in care of SWC. A penny saved can be a penny earned toward a new receiver. Think about it!

CONTIBUTED BY: William Trubee KH6DXSJ
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Fight renewed for right to rule Falkland Isles

BUENOS AIRES (AP) — The Falkland Islands, the bleak South Atlantic home of 2,000 heavy settlers and 300 times that many sheep, are again exciting Argentine nationalists.

Argentina says British seamen stole the islands in 1832 and it is high time they were returned.

Britain says that may well be but she is not leaving without the consent of the islanders, who still rise and weep to "God Save the Queen."

"Thieves and cynics" read an enormous front-page headline in the popular Buenos Aires daily Cronica last week over an editorial demanding control of the islands, called the Malvinas here.

The issue heated up again late last month when Britain told the United Nations General Assembly it would not give up its colony, 300 miles from Argentina, without a referendum.

ARGENTINE FOREIGN Minister Alberto J. Vignes restated Argentina's case: They were talking about the islands, not the people, and a plebiscite now would be 140 years too late.

Since then, Cronica and other newspapers have carried repeated statements from Argentine legislators and other leaders whose views go so far as to call for immediate occupation.

At stake is a short string of islands, altogether the size of Connecticut, with hills and peat bogs whipped by icy antarctic winds. Until lately, their only contact with the world was a ship every three months and cable link to London.

Falklanders live a hard but tranquil life. There are four pubs, no movie houses and a lot of signs saying "Keep the Falklands British."

THE ISLANDS are ruled by a crown-appointed governor and locally elected official.

The residents are practically all of British origin, whose ancestors arrived after Britain took the islands as a coaling station for the long sail around nearby Cape Horn.

Only a few Argentina gauchos peopled the islands before then but Argentina kept a governor and a small garrison which it says the British expelled.

Koran Has Kept Arabic Uniform

CAIRO — Not only is the Koran basis of the religion and the canon of ethical and moral life for Muslims, also the textbook in which they begin their study of the Arabic language.

The Koran has kept the language uniform. Although today a Moroccan uses a dialect different from that used by an Arabian or an Iraqi, all write in the same style.

Amazon Network

BRASILIA — The Amazon River itself is about 4,000 miles of its tributaries and waterways are navigable. Several million miles of passages through swamps and woods are penetrable by canoe.

TAKE 'EM ALL OFF . . .

**RINGS
WATCHES
&
JEWELRY**

**WHEN WORKING ON
HIGH VOLTAGE
& EQUIPMENT**

Carroll R. Patterson

presents:



The Buryats, a Mongol people, have been under Russian control since about 1700 and have retained their language and culture. They are the dominant nationality in a population of 542,170.

The Buryat Republic is located in Asiatic Russian Republic, east of Lake Baikal, and has an area of 127,020 sq. miles. Plateau and mountain ranges make up the terrain on which the Buryats raise cattle and horses. The area is forested and contains numerous fish in its main rivers and in Lake Baikal, a fresh water lake of 13,197 sq. miles. Fish, forests, and fur-bearing animals make up the republic's important natural resources.

Locomotive building at Ulan Ude, the capital, is important to the republic's well being. Ulan Ude, a city of 201,000, is a modern industrial population center and is located on the Trans-Siberian railroad.

Under the Empire, the country of the Buryats long remained a backward area but has made progress since the Revolution.

The republic's only shortwave broadcasting station is at Ulan Ude and operates on a frequency of 4794 kHz, output power not listed.

There's a bit of dillying in Dili,

TIMOR!!!

(Voz de Portugal, Montreal, 4-10-74)
Djakarta (ANI) - Two politicians from the Portuguese sector of Timor Island denied that their fellow-countrymen want to unite to Indonesia. Domingos Oliveira and Augusto Mousinho criticized the Australian Prime Minister for having made declarations concerning the future of Portuguese Timor, before the referendum, scheduled for March 1975, is carried out; they also underlined their opposition to the meeting carried out at the UN between Indonesian Minister of Foreign Affairs, Adam Malik, and his Portuguese counterpart, Mario Soares. After his recent contact with President Suharto of Indonesia, Whitlam declared that Australia's position on Timor would be influenced by Indonesia's. "There was no Timor representative at the UN meeting" said Oliveira, who is, like Mousinho, a member of the Democratic Union Party which seeks federation with Portugal until the Territory is self-sufficient. Timor has a population of 600,000 inhabitants. The rest of the island is Indonesian territory.

(Voz de Portugal, Montreal, 18-10-74)
Dili -(by Colin Macintyre) - The Portuguese Minister of Interterritorial Coordination, Dr Antonio de Almeida Santos, arrived here in order to discuss the future of this territory where 600,000 people live and which is located at Lisbon's antipodes. Dr Santos was expected here earlier, but his flight from Macau was delayed. There are three weekly flights by light plane to Dili; this is the only way to reach Dili - a small town (pop. 3500) lying in a valley surrounded by high volcanic mountains.

The Portuguese control the eastern half of the island; they also own a small enclave on the northern coast, while the western part of Timor Island is under Indonesian administration.

In Dili's cafes and bars, people now talk politics, a subject which was practically dormant during the five centuries of Portuguese rule.

Both of these articles were translated by Victor C. Jaar of Canada. Timor's radio station at Dili can be heard on 3668 kHz, 10 kw, 2330-0100, 0600 (Sunday's 0200)-1500 GMT. A tentative report from DSWCI's Tropical Band Survey has placed a transmission from RPKD Timor on 3462 kHz heard at 1148 GMT.

REPORTER'S JOURNAL

with guest commentaries courtesy of the American Radio Relay League (permission granted by ARRL letter 4 December 1974) and by the Chairman, ANARC Frequency Recommendation Committee. Opinions expressed herein are not necessarily those of ANARC or NASWA...and are not to be construed as such.

This conference is one of the most important of its kind to come along in recent years. It would behoove us all to watch the preparations and the Conference itself. What might interest us most is the outcome of the frequency allocations as it will have an effect on what we will be listening to many stations. Many of us agree that the SWBC bands should be expanded, and many of us have long screamed the same. However, why expand the band when rigid frequency discipline will do more wonders than any expanding? But, we could go on and on here expounding our pet theories so that they could be heard.

Anyway, the conference is to be represented by many administrations made up of the various users of frequencies. It could be said with tongue-in-cheek that SWL's are users of the bands, but we are not internationally recognized as an "Administration". Our only chance to be heard will be thru our correspondence with responsible administrative officials and the radio stations concerned.

Part I.b. of the Frequency Recommendation Committee's Guidelines states "The FRC is the means by which (SWL's) make their wishes known in the field of frequency selection and management..." The FRC Chairman has contacted various people who are concerned with the upcoming conference, and the feeling received is that the FRC is looked on with some skepticism. And understandably so. We haven't done enough yet to be recognized. Several stations have taken us seriously enough to cooperate with us in full—even to the point of changing tactics in near mid-season. This is all well and

CONFERENCE PREPARATION

A DECISION of the International Telecommunication Union, two years ago, to hold a World Administrative Radio Conference in 1979, caused the United States to begin preparations, perhaps farther in advance of a conference date than ever before. And with good reason, as it's going to be a tough conference, particularly when the delegates come to grips with the allocations table.

The first move in the United States was made by the OTP (Office of Telecommunications Policy) which directed the IRAC (Interdepartment Radio Advisory Committee) to set up a number of working groups, one for each major radio service—aviation, fixed, maritime, amateur, broadcasting, and so on. These groups have held a number of meetings and conducted studies in the past twelve months, and most of them have now reported to IRAC. Even though one of our own Hq. staff is a member of the amateur service study group, its proceedings have not been immediately available for public release. Now, however, the word is officially out. The Hon. Robert E. Lee, senior Commissioner in length of service and FCC's designated representative in international matters, discussed in a banquet speech to the OCWA national meeting in Orlando, Fla., in October, the essence of the amateur working group's recommendations:

- return the 160-meter band to amateurs
- eliminate sharing in the 80-meter band
- expand 40 meters; eliminate sharing with hf broadcasting
- expand 20 meters; eliminate sharing with the fixed service
- expand the 15-meter band by 100 kHz
- establish new amateur bands at 10.1, 18.1 and 24 MHz.

"With the bands so located," the Commissioner stated, "amateurs would have frequencies about every 3 MHz throughout the spectrum, and their communication efficiency would improve dramatically. Amen!"

But this is not the whole story, by any means. Mr. Lee added, "Only time will tell whether it is possible for these requests to be incorporated in the United States' position at the 1979 conference." The reason of course is that working groups in other services will most certainly be asking for additional assignments—broadcasting particularly—and conflict is inevitable. Compromise will be necessary, as it always is in these matters.

Preparation for the 1979 conference is going on at an ever-increasing pace. OTP has formed an Ad Hoc Committee 144 under the chairmanship of Mr. Richard Probst, of the Defense Communications Agency. It will be the responsibility of this committee to oversee all preparation for the 1979 con-

ference. The committee already has the extensive report prepared by the amateur service study group, and there will be additional input in the months ahead as the FCC, representing the U.S. civilian users of the spectrum, asks for industry input. (In something like this, we're considered industry!)

Yes, it's going to be a tough conference, because although we can surely expect strong support from the U.S. Government when it adopts its final conference position, and from some of the other major powers, the fact of the matter is that in these times the voting strength of the ITU is controlled by several blocks of developing countries in South America, Africa, and the Middle East. The League is already embarked on a program of "selling" amateur radio in these sometimes hostile areas, working with other societies in the International Amateur Radio Union. In the months ahead there will be more extensive travel by Hq. staffers and by ARRL and IARU Hq. officers, and by the representatives of the regional IARU divisions. In addition, we are calling on the services of those amateurs whose business travels take them into critical areas and who have the linguistic skill and the knowledge and enthusiasm to bolster the amateur cause.

But even though it's going to be a tough conference, there does exist a great opportunity for the amateur service—a once-in-a-lifetime opportunity, as it were. Because of the vast technological changes that have taken place since the conference in 1959, particularly in the areas of satellites and cables, there exists the possibility that some bands of frequencies now assigned to long-distance telephone and telegraph circuits can be reassigned to other services. We, the amateur service, want some of those frequencies, and we have many strengths to draw on in going after them.

But we also have some weaknesses, areas in which our membership can help. For instance, there is the current problem of the static total of amateur licensees. It weakens our case. You can help by taking part in a program, either by yourself or through your club, to conduct training programs to enlist more amateurs. Another serious area of weakness is the intentional jamming and malicious interference that occurs all too frequently. Those that indulge in this sort of behavior are only a very small percentage, but their antics are so unlike the rest of amateur radio that they make a much too prominent impression. They don't deserve to be protected, and we ought to take every legal means to expose them and put an end to their operation. Solution of these two problems alone would be of significant aid in preparation for the 1979 conference. Can you help?

good, but it is not enough. We are only projecting the views of a minority of SWL's to these stations in the realm of frequency management. What is necessary is to effect a united front to these broadcasters and show that we are very much concerned with what is going on. While we will never be recognized as an administration, we can be recognized as persons who are concerned in the field of proper frequency selection and management. This fact may well have some bearing on the

1979 Conference. When the United States position is known, we should support it to the fullest extent with proper emphasis on the SWBC angle. And we should also be concerned over the position of other nations as it affects our hobby.

There is one way to do this. Part I.d.4. of the FRC Guide lines states in part: "Discourage individual frequency recommending by apprising others of our FRC approach by authoritative direction

and control involving adequacy of the services rendered, and responsiveness in satisfying the requirements of the majority of DX-ers in establishing a central focal point for any and all frequency recommendations concerning the North American Continent." All this statement is saying is that we should all pull together in the same direction concerning proper frequency selection and management. If we had done it this way starting many years ago, then perhaps we could have had a voice in the Conference, even if only to have a paper read. It may be too late for this, but we will never know until we try.

There are many ways to try and influence the Conference. Writing to your favorite station - or any station - and give them your views. It only takes a few minutes to write a letter. You could write the VOA and ask that your views be passed along to the U.S. delegation.

Or, you could become an active member in the ANARC frequency Recommendation Committee and help us become the official means "by which shortwave listeners make their wishes known in the field of frequency selection and management". The only requirements for being a FRC member is at least 1 year DX-perience, be able to determine frequencies to within 4 kHz (either by direct dial receivers or other means), and the cost of only a supply of SASE's. The address of the FRC is the same as that of SWC.

Even though this small editorial wound up as an advertisement for the FRC, mainly due to lack of information on the U.S. position, it is sincerely hoped that the point of being actively involved in YOUR hobby, as it affects you, was made. No matter how you do it, somewhere reflect your views on proper frequency selection and management.

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ANARC-FRC

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SCHOOLS CONFERENCE

A SPECIAL REPORT

by
Dr. Richard E. Wood
Adelphi University

"LANGUAGE TEACHERS FOCUS ON SHORTWAVE MEDIUM"

The Grand Ballroom of the Denver Hilton was the scene for the presentation, on November 30, of "Radio in Foreign Language Teaching", at the joint Annual Meeting of the American Council on the Teaching of Foreign Languages, American Association of Teachers of French, and American Association of Teachers of Spanish and Portuguese.

The session, attended by well over one hundred professors in the field of language instruction from all parts of the United States, at high school, college and university levels, was the culmination of three years activities of the Language by Radio Interest Group, an affiliate of ACTFL. The session was chaired by Professor Alan Garfinkel of Purdue University, whose Ph.D. dissertation focused on the creation of radio programs as a Spanish teaching technique. There were four speakers, representing both high school and university levels and several languages of specialization.

Dr. Philip D. Smith, Chairman of the Department of Foreign Languages at West Chester State College, Pennsylvania, offered an illustrated slide presentation outlining the prime requirements in the selection, purchase, operation and maintenance of an adequate shortwave receiver. He emphasized the importance of avoiding gimmickry, unnecessary bands, fancy but useless controls, multiple but unconnected transistors, and other features which simply distract the user of shortwave equipment from the major international broadcast bands and the two basics of selectivity and sensitivity. Smith emphasized that the basics of shortwave broadcast technology have not changed for thirty years. Half the panel members themselves use receiving equipment dating from the 1940's. Not only does it have a lifetime of use, but a substantial, careful investment will procure a receiver with a high resale value. Smith displayed slides of band surveys, equipment catalogs, and some popular receivers.

The second speaker, Richard Schwartz of Dover, Delaware High School, spoke on the role of shortwave radio as an educational technique. The language is authentic, the message direct and immediate, the content of news broadcasts already largely familiar to the alert student, thus enabling him to work on the linguistic medium in which the news is presented, the target language. He illustrated this with a recording of the Deutsche Welle news and interval signal. (SWC ed. note: Mr Schwartz's talk will be presented in a future SWC column).

Dr. Richard E. Wood, Chairman of the Department of Languages and International Studies at Adelphi University, Garden City, New York, then spoke on the choice of frequencies and listening times for different languages, with especial attention to French, Spanish, German and Russian. He distributed a handout giving times and frequencies for these as well as other languages.

Thanks to excellent cooperation received from Radio Australia, Belgian Radio and TV, Radio RSA (The Voice of South Africa), Radio Moscow and Radio Sweden, language-by-radio books and program schedules were distributed free to dozens of teachers in attendance, though the size of the audience was even greater than had been planned. Expressions of interest and support were also received from other stations. Radio Prague's Director, Ing. Otto Adrian, explained that "Czech by Radio" was not running at present due to the high sunspot count and the irregularity of reception across the Atlantic. For a language lesson, clear reception is a necessity. Radio Moscow responded similarly, that its "Russian by Radio" was beamed to British listeners but not this year to North America.

Dr. Wood discussed the French programs available from France, Canada, Tahiti and the Voice of America, and the massive new international network of the Deutsche Welle, providing added opportunities to learn German by radio. He explained the reasons for the use of different frequencies at different times and seasons. His handout gave details of the main resource in the field, the World Radio and TV Handbook, the ShortWave Listening section which he edits in Communications Handbook, the SWL and DX Clubs, and free schedules available from all international stations.

The concluding speaker was Dr. Robert J. Nelson of the University of Illinois, Urbana, an experienced writer in the field of radio and language. He described the successfully operating system of twelve telephone lines which provide 24 hour access, for the price of a long-distance call, to a French-language ORTF broadcast from Paris recorded off shortwave fresh every day. This widely popular initiative has attracted national interest. There are few native Franco-Americans in central Illinois, but calls come, late at night when rates are cheap, from Chicago and all over the country from those who lack the time, money or inclination to install a shortwave receiver for themselves.

Dr. Nelson played a cassette recording of one of his ORTF newscasts, and conducted a quick poll on its intelligibility. It was noticeable that the panel members — experienced shortwave listeners — gave it a higher readability rating than most of the audience. The speech clipping on the telephone lines carrying the recorded news service improves voice intelligibility.

Much of the discussion and audience interest centered on the teaching of French language and culture since the American Association of Teachers of French was holding its convention concurrently with ACTFL in the Hilton. Dr. Richard Wood of Adelphi, introduced the following resolution which was accepted by acclamation for transmission to ACTFL headquarters:

RESOLUTION

"The members of the American Council on the Teaching of Foreign Languages, the American Association of Teachers of French, and other professionals in the field of the teaching of French, other languages, culture, civilization, and international studies, assembled in Denver, Colorado, in a session devoted to Using Radio in Foreign Language Teaching,

NOTE with concern the announced intention of the Office de Radiodiffusion Television Française, Paris, to undertake a radical curtailment of its international shortwave broadcast service, including a total abolition of English, Spanish and most other language programs,

POINT OUT that such a retrograde and incomprehensible act will remove France from the ranks of the world's nations communicating their national message to foreign listeners by shortwave radio,

EMPHASIZE that such an act will reduce France to a position of extreme weakness in the field of world communications and one without any parallel among the nations of the European continent, and

NOTE that the sharp decline in the study of French language and culture in recent years is caused, in part, by misunderstandings and lack of communication to which the ORTF's proposed action will further contribute.

THEREFORE BE IT RESOLVED that these members of the American Council on the Teaching of Foreign Languages, and the American Association of Teachers of French, urge the ORTF that it rescind its plans for withdrawal from short wave broadcasting; that it introduce a full-scale broadcast service in English and French for listeners in the United States; and that it make full use of the powerful shortwave medium in the instruction of the French language and culture."

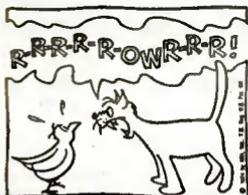
This is an expanding field. There is a bibliography of some forty items already. These, and a summary of the state of the art will be contained in a forthcoming publi-

cation of ERIC (the Educational Resources Information Center) and MLA (the Modern Language Association), to be co-authored by Drs. Robert J. Nelson and Richard E. Wood.

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Learning a Language by radio is a heckuva lot of fun! It is one of the few ways to study and have fun at the same time. If you have any experiences in learning a language this way, drop SWC a line and tell about it...even if it is just a short anecdote. ed.



And in This Corner. . . Radio Waves Frighten Thousands

NOW YOU KNOW

Guglielmo Marconi needed police protection from people who threatened to kill him because they thought his radio waves were harmful. Frightened people complained that the radio signals were passing through their bodies and making it impossible for them to sleep. A wealthy woman charged that the waves made her feet itch. A German man publicly made plans to go to England and shoot Marconi but he was turned back by British authorities.

The hostility toward the inventor came after years of being ignored. In 1894, the 20 year old electronic pioneer coaxed his crude equipment to send a signal a few feet across his room. Next year his signals spanned the length of his father's home in Bologna, Italy. When Marconi patriotically offered his invention to the Minister of Posts and Telegraphs, he was snubbed.

Marconi packed up his equipment, and with his Irish mother, sailed to England. Surely, he thought, the world's greatest maritime power could use ship-to-shore communications. British customs officials ignored his frantic efforts to explain that his radio was not a bomb. The delicate instrument was damaged by their forcing it open.

The following year a family friend helped

him gain the attention of the British Postal authorities and he demonstrated that he could send a signal from the General Post Office to a nearby building. The press and public showed no interest in the feat.

Marconi then constructed a bamboo tower that thrust his transmitter 90 feet into the air and sent his wireless signals nearly two miles. He had built something too big to be ignored and the press took notice. Years later, he sadly observed, "The calm life is over."

The publicity aroused fears in a previously indifferent public about the possible harmful effects of radio waves. A flood of crank mail - some containing threats on his life - came pouring in. Guarded by police, Marconi moved his operation to Wales in 1897. Soon he was transmitting signals out 25 miles, then to 150, and in 1901 had spanned the Atlantic with his wireless signals.

It was more than two years after this that the public outcry diminished enough for Scotland Yard to withdraw the police guards protecting the man who developed radio for the world. 73 MAGAZINE

Reprinted from the Two Rivers ARG (Pennsylvania) "Spark Gap" - via WESD CARRIER.

Malays Form Half Of Malaysian Total

KAULA LUMPUR — Malaysia was formed in 1963 by the union of Malaya with Singapore, Sarawak and Sabah. Two years later Singapore withdrew.

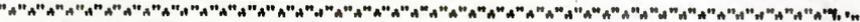
About half of Malaysia's more than 10 million people are Malays, a third are Chinese and a tenth are Indians. Dayaks and other aboriginal groups make up the rest.

Island of Cyprus Was Seized Often

NICOSIA, Cyprus — Egypt conquered Cyprus about 1500 B.C., and other invaders followed. The island was ruled in turn by Greeks, Phoenicians, Assyrians, the Egyptians again, and Persians.

It was part of the Roman Empire for seven centuries. Then Cyprus underwent three centuries of Arab invasions.

Cape Horn, the southernmost tip of South America, is 1,391 feet high.



FINDING THE HEIGHT OF A TREE, POLE, OR TOWER

Marty Harstein WB6NWW
5349 Abbeyfield Street
Long Beach CA 90815

Many times it is necessary to know the height of an already standing pole, tree, or tower for antenna raising purposes. Climbing the pole or tree to measure its height can sometimes prove difficult as well as dangerous; however, there is a much easier way to find the height. By using the laws of similar triangles, it is quite easy to derive the height of the pole or tree in question. Wait until the sun is in such a position as to cast a nice shadow of the pole or tree along the ground. Now measure the length of the pole shadow. Next stand another pole of known height in the sun and measure the length of its shadow. By using the following formula, the height of the pole, tree, or tower in question can be derived:

$$\text{Tree height} = \frac{\text{TV mast height} \times \text{Tree shadow length}}{\text{Length of TV mast shadow}}$$

The SWC desk of FRENEX received a reply from H. S. Borodzicz in response to a query about his activities. The reply is entitled:

THE POLISH PATHFINDERS BROADCASTING STATION

"Rozgłoszenia Harcerska" of Warsaw - Polish Pathfinders Station is broadcasting on short waves only in 41,06 (7306 kHz) and 43,80 (6850 kHz) meter bands, from 6 to 8 hours daily, between 1100 and 1700 GMT on weekdays, and from 0900 GMT on Sundays, with Monday being a day off. Over and above, every Sunday we are broadcasting between 1000-1040 GMT on medium waves in the 367 meter band, as a guest programme in the Polish National Radio schedule.

We are using the Windom type antenna and a RCA transmitter of 300 W power with Anodal Screen Modulation for our transmissions.

About 60% of our broadcasting time is devoted to the popular music, mainly of teenage appeal. Polish youths, by far, are the most numerous part of our listeners. Since the station is heard in most of the European countries, some of our programmes consist entirely of music from abroad. Such programmes bring us thousands of letters from many countries, some of them well outside the Europe, for example, like America.

It is worth to remember also that the Polish Pathfinders Union is probably the only youth organization in Europe owning an independent broadcasting station with a regular programme.

The signature tune of the Station was taken from the popular Pathfinders' Song, usually sang by the campfire. The Station is under the patronage of the Polish Pathfinder Union, the organization for youths between 10 and 18 years of age, roughly with two million members wearing uniforms.

And how did it come to establishing that kind of radio station? Well, in May of 1957 a group of young pathfinders and their instructors met over a cup of coffee in order to discuss the best possible way of keeping in touch with all Union members all over the country. One of them suggested "short waves" communication. The bright idea was accepted enthusiastically, and it was decided to seek the assistance of the authorities. The first step was taken up successfully and the young promoters discovered themselves before long, in charge of the handsome, amateur radio station.

Today Polish Pathfinders Station is working on the premises of approximately 200 square meters, with the professional staff of eight engineers, twelve editors and a considerable number of part-time radio journalists, employing very modern equipment.

Now, the last thing to tell about, are the reception reports and all the letters from our listeners abroad. They come occasionally from the USSR and Japan, from the USA and Canada, etc., but 75% of foreign correspondence comes from Europe, mainly from Scandinavian countries.

If you need other information in addition for your short wave hobbyist community, please do not hesitate to write again and all your queries will be answered.

The address is: Polish Pathfinders Station, ul. M. Konopnickiej 6, Warsaw, Poland.

#####

Q R P - - V A C

Marvin E. Robbins has this QRP total:

CONTINENT	CALL	FREQ	WATTS
N.A.	CKFX	6080	10
S.A.	HC2RL	6633	200
EUROPE	CS2WI	12865	250
AFRICA	ELBC	6025	500
OCEANIA	R.O.N.G.	7126	500
ASIA	XTPA(China)	11650	1000
TOTAL			2460

Marvin has been at it since 1946. He follows up by saying that there are differing QRP readings for XTPA: one for 500 watts and the other at 1000 watts. He wishes conditions were like the period between 1946 and 1952; QUIET!!!!

Don't we all?

WHERE'S YOUR QRP READINGS ? ? ? ? ? ? ?

BBC to Cut Programming

The New York Times News Service

LONDON — The British Broadcasting Corporation, in severe financial trouble, will cut radio and television programs in the new year. The cuts will save 1 million pounds (about \$2.31 million), but the BBC faces a deficit of 20 million pounds by next March.

Television programs will be shortened by 20 hours a week. This will be mainly at the expense of afternoon programs, but Saturday sports coverage is spared. The two television channels will close at 11:30 p.m. Sunday through Thursday.

Radio will lose about 50 hours a week by merging channels and closing at 11:30 on weekdays. These are only the initial waves of cuts in the BBC's struggle against rising costs. Its spokesmen have warned that it might be necessary to dismiss some employees unless the government gave permission for increases in broadcast-receiving license fees.

The BBC does not carry commercials, and apart from license fees receives an annual grant voted by Parliament — \$261 million last year.



CLANDESTINE

BULLETIN

Larry Marno, 15 Central Avenue, Philadelphia PA 19111 USA. Telephone: 215-379-2574.

LAST EDITION OF "CLANDESTINE BULLETIN"

A little over four years ago I found a number of stations operating on shortwave that were undocumented by the WRTH and only poorly documented elsewhere. It turned out these were extralegal broadcasters disinclined to provide accurate data on their own operations.

For my own benefit, I began organizing data from secondary sources and from my own listening. A few colleagues wondered if they could have access to this material, so a list of clandestine radio operations was mimeographed. The whole thing began to get out of hand, so an updated edition of the effort was provided for the 7th (1973) edition of How to Listen to the World and a monthly column was inaugurated in FRENDX to keep the material current.

Since then, a gratifying process has taken place. No longer are clandestine stations regarded as mysterious illegitimate offspring; instead, information on them regularly appears in DX columns (and even news reports) throughout the world. Furthermore, the data are generally accurate and free from unfounded speculation. Although some editors (mainly in Europe, where domestic hobby pirates are a problem) still maintain a policy of refusing to print or air most news on clandestine radio, the typical DX journalist now handles the subject intelligently and matter-of-factly.

The raison d'être for a specialized treatment of clandestine radio has thus diminished substantially, and for that reason this column will end with this issue. What formerly appeared here will go where it belongs, in the various FRENDX columns dealing with international radio: schedules to "Listener's Notebook" (whose editor has access to BBC MS material); QSLs to "QSL Report"; Loggings to "Log Report"; late news to "Flashsheet"; and feature articles to "Shortwave Center". And, of course, my tent hasn't folded up; I'll contribute to these columns, too.

As for a "WRTH of clandestines", this should, barring any hitches, appear later in 1975 in the form of a lengthy article in the 9th Edition of How to Listen to the World, published by the World Radio-TV Handbook organization.

Like the Marines, CB has been fortunate to have at its core a few good men. Some you know from earlier columns; others must, of necessity, remain anonymous. Their efforts include exhaustive monitoring to establish complete and accurate schedules, as well as collecting firsthand data from station sites and personnel. That last category, although accounting for only a small percentage of published material, has had its interesting moments: vanishing contributors who turned out to be security personnel (East & West); brushes with secret police and border guards; and, in one case, hostile gunfire (which, fortunately, landed high of the mark).

I would especially like to thank the BBC Monitoring Service, John Campbell, Victor Goonetilleke, Don Jensen, Rumen Pankov, and Isao Ugusa for their seemingly endless stream of useful material. Also, Offer Barth, Ernie Behr, Bob Bundy, Gregz Calkin, Bernard Chenal, Carol Feil, Glenn Hauser, Hiroyuki Nagase, Alan Roth, Lars Rydén... plus the most regular contributor of all, Miss Diane Lévesque, whose clever cartoon has been the masthead for CB almost since its inception.

* * *

The piece beginning on the next page appears mainly thanks to the efforts of the BBC Monitoring Service, Offer Barth, and Bernard Chenal. The BBC MS material is, as usual, copyright by them and reproduced here by permission. It may not be reproduced elsewhere without their express consent.

WHAT CAN I HEAR?

(last in a series)

In the past three issues of "Clandestine Bulletin" you have been introduced to the art of DXing European, Asian and African clandestine radio stations. This final portion of the series will outline the situation as it now exists in the Middle East.

* * *

By and large, the signals from the Middle East and North Africa tend to be fairly reliable as compared with those from most of Europe, as they stand a better chance of passing south of any polar disturbances. However, most SWL's know little about Middle Eastern stations because so few beam clear programming to North America, while DXers often ignore them because they rarely make use of the tropical bands below 5.9 MHz.

Clandestines from that zone are even more widely missed; for the most part, they operate at times when DX is inconvenient and when propagation is less than ideal. Too, those operating via Radio Baghdad tend to come and go so quickly that there is hardly time to get a sure ID before they are off. Finally, unlike many clandestine operations, the Middle Eastern variety tends to operate within the ITU SWBC band limits, and are usually lost in the interferences as a result.

However, those interested in this unusual topic can do surprisingly well. Ernie Behr of Canada, for example, has discovered Middle East clandestines operating well before professional monitoring agencies have. And, for starters, there is the easily-heard "Voice of Palestine" via Algeria, which you should be able to log on any given day.

Clandestine verifications are never easily-obtained, but in the Middle East even that one-mile walk for a camel won't get you a QSL card. Still, a few have been obtained at one time or another and unless you're into the country-counting syndrome you'll probably prize any such verification you can get.

Channels that are decent bets for reception in eastern and central North America are underlined.

* * *

Afars & Issas

and

Ethiopia

Unconfirmed reports indicate the Eritrean Liberation Front has recently been airing low-powered clandestine broadcasts to Eritrea, plus a once-weekly broadcast to Afars & Issas from 0500-0530 & 1800-2100 on unspecified channels in the 49 and 25 meter bands. Try verification via B.P. 9029, Beirut, Lebanon.

Additionally, the Front for the Liberation of the Coast of Somalia reportedly has been active over the facilities of Radio Mogadishu with revolutionary broadcasts to Afars & Issas on 6095v, 7120 and 9585 kHz. Times are unknown, but the official Radio Mogadishu schedule lists transmissions in the Afar language from 1215-1230 GMT.

Iran

National Voice of Iran ("Seda-ye Melli-e Iran"), a/k/a Voice of the Iranian People. Broadcasting pro-communist fare for over 15 years, this station uses a 50 kw transmitter of Radio Baku, USSR.

1730-1745 Farsi, 1745-1800 Azerbaijani, 1800-1815 Farsi on 6025 kHz

Radio Courier of Iran ("Radyo-ye Peyk-e Iran"). This pro-communist station of the Iranian "Tudeh" party operates via the facilities of Radio Sofia on 9560 (120 kw), 11415 (50 kw), and 11695v (100 kw).

1430-1500 Kurdish, 1500-1530 Azerbaijani, 1530-1620 Farsi on 9560, 11415, 11695v kHz

1620-1650 Kurdish, 1650-1720 Azerbaijani, 1720-1810 Farsi on 11415, 11695v kHz

There is a tough UTE on 11694, but reception is still often possible on 11695v, especially when it drifts up one or two kHz.

ID: Kurdish: "Peyk-e Iran Sohoneliak"; Azerbaijani: "Danishir Peyk-e Iran Radyosu"; Farsi: "Inja Radio-ye Peyk-e Iran". S/on: brief orchestral march.

Radio of the Patriots: This months-old Iraqi operation broadcasts pro-Palestinian and anti-Shah programming in Farsi. Jammed.

1030v-1130v & 1515v-1615v on 7230 kHz

Iraq

Voice of Iraqi Kurdistan ("Denge Kurdistan Eraqa"). As yet unheard in North America, but a real DX possibility, this low-powered operation is run by General Mustafa al-Barzani's "Kurdish Democratic Party", which is in the midst of an armed uprising against the Baghdad authorities. Not only is it weak, but its times and frequencies vary often and without notice, and it is jammed by nonstop pop music (Santana's "Soul Sacri-

fice"). Unlike most Middle Eastern clandestine stations, it does transmit in English. 1500-1630 (1700 Fri) Kurdish, 1630-1700 Assyrian (Su/Tu/Th), 1630-1700 Turkmen (M/W/Sa), 1700-1800 Arabic, 1800-1825 English (news 1800-1810) on 1205v, 1440v*, 1550v*, 3605v*, 5868v, 6935v*, 10050v kHz *probably inactive channels

Israel & Vicinity

Voice of Palestine ("Saut al-Filistine"). This, the radio organ of Yasir Arafat's Palestine Liberation Organization (PLO), is easily heard all over the globe, including North America. Except for the Syrian transmitter, which programs in Arabic and Hebrew, the Voice of Palestine operates exclusively in Arabic.

1200-1300 via Syria (clandestine) on 6662 kHz
 1600-1630 via Radio Sanaa, Yemen, on 1202, 5805, 7275 kHz
 1700-1800 via Radio Baghdad on 760, 7225 kHz
 1730-1930 (1630-1830 summer) via Radio Cairo on 872, 9755 kHz
 1830-1930 via RTV Algérie on 533, 548, 980, 6145, 7195, 7245, 9610v, 9665, 9685, 11715, 11810, 11965v, 15160 kHz

ID: "Huna Saut al-Filistine, Saut ath-Thowrah al-Filistiniyah". Verification: very rarely by letter. Best bet is to contact the Hon. Sadaat Hasan, United Nations Observer, Palestine Liberation Organization, 101 Park Avenue, New York NY. Barring that, you may contact any PLO office -- they are scattered throughout the world. Future plans: increased transmission times via the Syrian transmitter.

Oman

Voice of Oman ("Saut al-Uman"). This fairly-new station represents the Popular Front for the Liberation of Oman.

1445-1615 Arabic on 6478v kHz (reported 6485v kHz), site unknown
 1600-1650 Arabic, 1650-1700 Farsi on 7190/11770 kHz via Aden Radio

ID: Arabic: "Huna Saut al-Uman (music), Saut al-Thowrah al-Umaniyyah". Verification: by Arabic-language letter. Write Popular Front for the Liberation of Oman, P.O. Box 5037, Ma'alla, Aden, People's Republic of Yemen; or, alternately, 20 rue Dirah Hydra, Algiers, Algeria.

Saudi Arabia

Voice of the Arabian Peninsular People ("Saut ash-Sha'b al-Jazirah al-Arabiyyah"). This fairly-new station, operating via Radio Baghdad, broadcasts martial music, readings from the Koran, and takes a viewpoint hostile to the Saudi Arabian government. 0400-0457 & 1200-1257 in Arabic on 7195v, 8885v (11950v alt.), 9525v, 9570v kHz

Southern Yemen (PDR)

Voice of the Free Yemeni South ("Saut al-Janub al-Yamani al-Hurr"), a/k/a Radio of the Free Yemeni South ("Idha'at al-Janub al-Yamani al-Hurr"). According to American sources, this station, which has been broadcasting since mid-1970, represents the National Salvation Army, which leads the 18th Sh'ban Revolution. Its programs oppose the Aden government and call for the population of certain provinces to revolt.

Although the station's location has not been determined, it is believed to be either in Saudi Arabia (the successor to the defunct "Mutawakkilite Kingdom of Yemen Radio") or in the Yemen Arab Republic (Sanaa). Currently, signals are not jammed.

East Coast listeners should try the 8404 kHz channel before 2000, while West Coast listeners may have better results with 5345 kHz around 1430 via the long path.

1130-1430 (varies to 1500) & 1630-2000 (varies to 2100 Ramadan) on 5344½, 8404 kHz

Voice of the Alliance Forces from Al-Qatn. This new station is operated by the Central Committee of the Southern Yemen National Front.

1600-1930 in Arabic on 6634 kHz

Reception is unlikely, but maybe possible, along the East Coast just before sign-off.

Turkey

Our Radio ("Bizim Radyo"). This station of the Turkish Communist Party has been operating from Cluj, Romania (Program 1) and Schwerin, East Germany (Program 2) for nearly 17 years. All programming is in Turkish and is sometimes jammed by nonstop music and hash.

Program 1: 0600-0650, 1050-1115, 1640-1705, 1740-1810, 1910-1925 on 9584v kHz;
 2005-2020, 2120-2145 on 6200 kHz.

Program 2: 0600-0630, 1015-1045, 1445-1515 on 9500v kHz;

1740-1810, 2005-2030, 2030-2100 on 5915 kHz (5915 ancd, not always traced).

ID: "Bursi Bizim Radyo". Interval signal: 9 notes from a Turkish xylophone, then ID.

MALAYAN ENGLISH-LANGUAGE BROADCASTS FINALLY HEARD (yawn)

As indicated in the last issue of CB, the pro-Chinese "Voice of the Malayan Revolution" had inaugurated English-language transmissions on November 14, 1974, from 1500-1530 on 11830 and 15790 kHz. The rest of the station's schedule was unchanged.

We tried a couple of times in Philadelphia to hear these thrilling messages but, alas, the uncooperative ionosphere conked out just before the critical moment -- a diabolical imperialist scheme, no doubt.

However, our sharp-eared colleague in Bangkok, Kricha Wasanasong, kindly taped a complete broadcast for us.

This may be easy listening for West Coasters, but for we the deprived along the Old Coast this tape is precious, indeed. With anxious fingers trembling, we threaded the tape. Here's some of what we heard...

Broadcast of December 29, 1974, 1500-1530 GMT

"This is the Voice of the Malayan Revolution. This is the Voice of the Malayan Revolution." (martial orchestral intro music)

"This is the Voice of the Malayan Revolution. This is the Voice of the Malayan Revolution.

"Comrades and friends, good evening to all of you. The Voice of the Malayan Revolution broadcasts in English at 10:30 PM on the 15790 and 11830 kilocycles in the 19 and 25 meter bands.

"Attention, please! Attention, please! At 2:05 AM January 1st, we will broadcast our New Year program in English on the 15790 and 7305 kilocycles in the 19 and 41 meter bands. You are cordially invited to listen in.

"In today's program, we present three battle news entitled:

1. 'Our Army's land mines blow up enemy Land-Rover and wipe out a batch of enemy soldiers on the East-West Highway.'
2. 'Our Army wiped out a number of enemy soldiers in the Mongol Dam project site. Work on enemy project grinds to a halt.', and
3. 'Our Army wiped out 89 enemy soldiers on the eastern sector of the East-West Highway and in the Perak-Thailand border area.'

Then, a short commentary entitled, 'Hail our Army's new victory on the East-West Highway!' Finally, we will bring you selections from instrumental music.

"Our Army's land mines blow up enemy Land-Rover and wipe out a batch of enemy soldiers on the East-West Highway.' (excerpts) In order to cover up their failure, the chairman of the puppet Perak State Security Committee boasted that it was because sandbags were (unintelligible) inside the Land-Rover as a protective measure that many of the security forces (unintelligible) wounded. All these thoroughly expose the ugly features of the panic-stricken enemy. You have just heard the battle news entitled, 'Our Army's land mines blow up enemy Land-Rover and wipe out a batch of enemy soldiers on the East-West Highway.'"

"...It has given another resounding slap on the face for the Razak clique and their agents, who have attempted in a thousand and one ways to obstruct and sabotage the southward advance of our Army."

"We bring you now the instrumental piece, 'Our Shock Brigades Advance Southward!'"

"Now we bring you the short commentary, 'Hail our Army's new victory on the East-West Highway'. A unit of our Army's shock brigade, which has been active in Kelantan, has displayed the spirit of arduous struggle, continually taken the initiative in attacking the enemy, and scored big successes. ...But frenzied howls can never cow the fighters of the National Liberation Army, who are heroically waging battle in the interests of the People! Their hearts filled with pride, Comrades have said that they would doubtless turn the East-West Highway into the enemy's graveyard. ...One, the puppet Minister of Works and Power, who had originally planned to inspect the East-West Highway by helicopter, hurriedly cancelled his trip simply because of a piece of news broadcast by the Voice of the Malayan Revolution. Aha, what a coward! On December 3rd, while debating the reactionary regime's defense expenditure for the next year, in the puppet Dimon Reat (my spelling, apparently the Malaysian Parliament - Ed.), a National Front M.P. (unintelligible) his own experiences in conducting anti-communist activities in the border areas, to prove that many secrets of the puppet army have been leaked out to the communists through radio communication. This panic-stricken M.P. asked the reactionary authorities to tighten up control over radio communications during military operations to avoid leakage of operational secrets lest they fall into the hands of the enemy."

"This is the Voice of the Malayan Revolution. We have come now to the end of our program in English. We will be on the air again tomorrow at the same time and on the same wavelengths. Comrades and friends, we wish you new victories in your work and struggle! Good night."

* * *

Charlie Loudenboomer says he heard that New Year's program over his East Wind 2000 receiver. It consisted of 1001 ways to boil running dogs while not being cowed. Ah, well, we tried, Charlie, but with only an R-4B, what can you expect? 73, Larry

QSL REPORT

REPORTS SENT TO:
BOB ZABOT
POB 62659
VIRGINIA BEACH, VIRGINIA
23462

FEBRUARY 1975

Again we have many good reports this month. I hope that all will find this month's column of interest.

QSL's RECEIVED

ALBANIA: R. Tirana, paper veri no freq, 7065 in 165d, no rp (Brewer) 7300, full data Revolutionary card in 3m for 1 LRC (Keller)

ANTARCTIC: AFAN, 6012, mimeo v/l, v/s J. T. Adams, Public Affairs Officer, in 1 month ...IF needed QRA AFAN c/o J T Adams, PAO US Naval Support Force, Antarctic, FPO, SF 96601 (Sheedy) another good veri, congrats. ed

ARGENTINA: LRA-31 6060, Radio Nacional de Buenos Aires in 1m for SS report &ms (Barto)

LRA-32 6180, R Nacional de Mendoza in 1m for SS rpt & ms (Barto)

RAE 9690, blue & white card in 49d (Mechan)

LOL 15000, Naval Observatory card in 45d for 2 IRC (Wala)

AUSTRALIA: ABC Brisbane 4920, card with a different veri in 107d (Powers) whats different ed ?

ABC Perth, 9610 full data map card in 1m for 2 IRCs ((Keller)

RA 9580, Kangaroo cards (2) in 85 & 87d (McCarthy) 9580 & 11710 Kangaroo and also Tropical Fish cards in 97d (Zobro)

AUSTRIA: ORF 6155 card in 22d air for 2 IRC. Sked & Info & Christmas card (Higman) 9770FD card & sked in 3m air (Slaff)

AZORES: R. Nacional 4865, ship card in 1m for 1 IRC & tape (Hagen)

BELGIUM: ORU 6055, card & sked in 6 wks sea (Pyatt) standard grey card with little man in corner in 7d for 1 IRC for EE rpt. Also 2 pennants (Dean)

BOLIVIA: R Altiplano, 5045, Elf card w/date & freq in 1 year air for SS report with mint stamps and f/up. Most pleased since they are inactive (Yamron) nice Larry!

R La Cruz del Sur, 4875, card, ltr, sked in 3 wks air for ms (Pyatt)

BOTSWANA: R Botswana, 4845, card w/no info in 210d for 3 IRC (Gavaras)

BULGARIA: R Sofia, 9700, University card in 2m for 1 IRC (Keller) 9700. Seaside Hwy card, 2nd in series of 6, full data in 109d (Brooker) same in 171d for EE rpt and 1 IRC (McCarthy) 11970. card, ltr, sked, & ms for ms in 92d (Davidson)

radio super

BOGOTA — COLOMBIA

1040 Khz — 6065 Khz — 92.5 Khz — 106.9 Khz — 107.7 Khz

Señor LAWRENCE TALBOT
Confirmamos la sintonía de MEMONONEE FALLS, WISCONSIN (USA).
el día 19 del mes de OCTUBRE /74 a las 05.55 A 06.30 GMT
en su receptor HEATHKIT SB-313.
Antena 31 MTS DIPOLE.

AGRADECEMOS SU INFORME DE SINTONIA

BOGOTA es la capital de la República de Colombia. Su nombre es derivado del vocablo indígena "Bacatá".
Habitantes: 3.300.000. Altura sobre el nivel del mar: 2.600 metros. Temperatura: 14° centígrados. Fundada el 6 de Agosto de 1538 por el conquistador español Gonzalo Jiménez de Quesada. Tiene 15 galerías de arte, 29 museos, 14 parques, y por su aeropuerto internacional Eldorado, que tiene la segunda pista en longitud en el mundo, se movilizan anualmente 3.000.000 de pasajeros.

Posee alrededores de atrayente importancia, y ardientes climas tropicales a solo 90 minutos del centro de la ciudad. Si alguna vez visita nuestra ciudad le recomendamos especialmente el museo del Oro, único en el mundo, Guatavita, al pie de la laguna de Tomibá, el Salto del Tequendama y la Catedral de Sal en Zipaquirá.

Hay también temporadas de esquí acuático, Toros, Teatro, Exposiciones, y una exótica vida nocturna famosa en todo el continente.

RADIO SUPER, CALLE 39-A N° 18-12 - APARTADO AEREO 23316 - BOGOTA - COLOMBIA

BRAZIL: R Inconfidencia, 6000, EE ltr w/station data from Caio de Almeida, PR, and PC in 30d for es prt & no rp (Peraaho)

R Nacional, 11780, Congress card in 1m for 2 IRC FD (Keller) same in 2m air for 2 IRC (Keller) same beach card sked in 1m air for 2 IRC (Courtney)

R Rio Mar 9695, card in 3w for PP rept &ms (Barto)

R Clube de Pernambuco, 11865, EE & PP card, decal in 57d air for 2 IRC and NASWA PP rpt form (Recd dupe of all the above in 1d later) (Peraaho)

CANADA: RCI 6085, WDXF 73 card s/by McFarland in 21d (Zobro)

CHNS 6130, card w/no time 2w for 13¢ stamp (Tobin)

CKZN 6160, card in 1m for 1 IRC (Hagen)

CAMEROON: R Yaounde, 4972, FD yellow blue card in 108d surface for 1 IRC (Mayer)
 CENTRAL AFRICAN REP: R Centraficaine, form lttr veri sked stating QSL not printed yet.
 1 month for 1 IRC (Brewer)
 CHAD: R National Tchadienne, 4904.5 28d for FF rpt & 1 IRC The card pictures 3 scenes,
 a city, a mountain, & a country native. (McCarthy)
 CHILE: La Voz de Chile, 8280, maybe a feeder relay, card in 5w for SS pt and ms (Barto)
 9560, statue card with FD in 42d (Powers) 9560, FD picture card in 80d air for EE rpt
 & 2 IRC V/s Gustavo Heitmann (Wala) 15150 strange forrest scene ppc, sked in 40d (Brewer)
 15150, card & sked in 1m 2 IRC (Pyatt)

Dear Mr. Talbot,

We are glad to have your reception report on our program
 transmitted on 9940 kc/s dated Oct. 30, 1974.

Your further reception reports on our broadcasts are welcome.

English Section
 RADIO PEKING

Night Cruise Through the Yangtze Gorges (painting in traditional Chinese style)

By Li Hu

CHINA: R Peking 7120, Yangtze Gorge painting card, no time, pennant and Red Book. Also
 many other books stamps etc in 17d no rp (Brewer) 7120, Tirana relay canal card sked in
 3w air (Keller) 11940, lttr, sked, & calender in 5w (Fino) 12055 card & pennant in 2
 m air (Pyatt)

COLUMBIA: R Bucaramanga, 4845, short SS lttr and bumper sticker in 12d for 1 IRC (Smith)
 La Voz del Cinaruco, 4865, card and lttrs in 120d (Gavaras)
 R Nacional, 4955, country house card and pennant in 11d for mint stamps (Powers)
 R Sutatenza, 5075 & 5095, foldout QSL picturing the tx room for SS rpt for 1 IRC
 in 87d (McCarthy) 5075, card in 110d for IRC (Gavaras)
 R Super, 6055, card in 19d for SS rpt (McCarthy)
 HJTE 6115, La Voz del Llano, lttr in 3w for SS rpt & ms (Barto)
 R Continental, 6125, Christmas type card in 129d for SS prt. v/s Ramiro Gallo. RP
 not used (Gavaras)
 La Voz del Huila, 6150, lttr, book, & pennant. v/s Fernando Segura. air for ms in
 6w (Pyatt)
 R Nacional, 9635, Hotel del Prado Patio card FD in 3w air for 2 IRC and EE rpt v/s
 German Vargas, Dir (Brunner) card in SS of Isl de San Andres for SS pt and 1 IRC in 25
 days (Zobro)

COSTA RICA: TIPC, 9645, FD card and lttr in 2w air & 2 IRC (Keller)

CUBA: R Habana 9525, card in 105d no rp (Hagen) 11930, FD card in 69d air no rp (Wala)
 same for Fino, Brewer, Zobro, & Davidson.

CZECHOSLOVAKIA: R Prague, 5930, QSLs of Sv Barbory Church & Uprising Mounment, comm.
 stamps for EE rpt in 20d (Zobro) 7345, black/white card in 3w (Fino) 9540 ppc of Prague
 form lttr from Otto Adrian, book-mark pennant, politic books, and even a copy of the
 constitution (Brewer)

DENMARK: R Denmark card in 1m for 2 IRC 15165 (LaCroix)

DOMINICAN REPUBLIC: R Clarin 4850, lttr & pennant in 3w air for ms (Pyatt)
 RTVD 9505, SS lttr v/s R.A. Font Bernard. Station info, pennant, pc, in 29d for
 2 IRC and EE rpt (Peraaho) 9505, lttr, pennant, tourist info, in 1m for SS prt (Keller)

ECUADOR: R Luz y Vida, 4825, SS card v/s Hermana Amada, flashy pennant in 23d air for
 2 IRC and NASWA SS rpt form (Peraaho)
 Emisora Gran Colombia, 4910, SS lttr v/s Eduardo Cevallos Castaneda. 30th annive-
 rary pennant in 16d air for 2 IRC and NASWA rpt form (Peraaho)
 HCJB 5970, Mt card w/FD sked, calender, info in 28d air (Peraaho)

EGYPT: R CAIRO 9475, card & sked in 2m (Pyatt)

FINLAND: TLE, 15185, Autumn card & sked in EE in 15d (Zobro) FD winter card in 1 m
 no rp (Tobin)

FRANCE: ORTF 15120 card & sked in FF for EE rpt and 1 IRC in 52d (Zobro)



l'office de
radiodiffusion - télévision française
vous remercie d'avoir écouté son
émission du 3/7/74

sur la fréquence de 11710 Khz
et vous présente ses compliments.

OS. 15 GMT. Thank you for
your report, which has been
received. We appreciate your
support.

Best Wishes -
English Section

maison de la R.T.F.

116, avenue du président-Kennedy, Paris-16^e

RELATIONS PUBLIQUES DE L'O.R.T.F. - ÉDITIONS PUBLICATIONS - RÉPUBLIQUE FRANÇAISE

Mr Allan Le Courtney
801 Mt. Vernon Dr.
Lexington, Kentucky
40502 USA

GABON: La Voix de la Renovation, 4777, picture map of Africa & 17 tx points. FF rpt for 1 IRC in 27d (McCarthy)

GHANA: GBC 9545, distinguished looking green, yellow, red card. v/s Joseph L. Ghiner in 5d for no rp (Brewer) 9545, card & sked in 347d (Powers)

GUATEMALA: TGEA 2360, 3325 R Maya de Barillas, Hushuetenango, cards in 3w for SS rpt & ms v/s Loran W Veith Jr (Barto)

TOGA 3300, card & sked in 3w air for ms (LaCroix)

GUYANA: GBS veri ltr w/FD & history of country in 18d for 1 IRC (????)

HONDURAS: R Progreso, 4820, ltr, pennant v/s Jerry Tolle, air for ms (Pyatt) same in 3 weeks (LaCroix) same also note from Tolle stating he went to school in this area (Brewer) same for SS rpt (Powers)

HUNGARY: R Budapest 5965, card in 2w (Barto) 11910, green monument card w/FD, red, blue white pennant also in 55d no rp (Brewer) same in 1m (Tobin)

ICELAND: Reykjavik R, 12175 Multi-pictured card in 23d for 2 IRC (Powers)

IRAN: Voice of Iran, 9022, card & grey pennant in 36d for 2 IRC (Powers) 9022 Tabris TV-R Center card FD tour pamphlets in 3w for 2 IRC (Brunner) 15084, FD antenna card and plastic pennant in 120d (Brewer)

IRAQ: R Baghdad 9745, card, ltr, booklets, metal plate, sticker, pc in 1m for 2 IRC v/s Salwa Jarrah 9 (Pyatt)

ISRAEL: IBA 7395, 11700, 11985, 15490 in lhd (Schwartz) 9815, FD card & sked in 3m air (Slaff) 15490, Kenneset Menorah card, booklets, sked in 164d for 2 IRC (Brewer)

IVORY COAST: RTVI, R Abidjan card, 11920 in 16d air for 2 IRC (Talbot) 11920 long black & white card in 8d for 1 IRC (Brewer)

JAPAN: R Japan, 9505, Yakko card in lhd (Meehan) 15270, Samurai football card, sked newspaper, pc, air in 7d returned my IRC (Keller)

KUWAIT: R Kuwait, 15415 folder card w/ country info stamps in 71d 1 IRC (Brewer) same in 3w (LaCroix)



DEPARTEMEN PENERANGAN R 1
DIREKTORAT RADIO
STUDIO MANADO

Alamat: Jalan Sam Ratulangi No. 3 Telp 566/567

LIBERIA: VOA Monrovia, 9750, card in 10d (Keller)

LITHUANIA: R Vilnius, 11890, FD card in 18w for EE rpt & 2 IRC (Hughes)

LUXEMBOURG: R Luxembourg, 6090 antenna card in 2m (Tobin)

MALAWI: NBC 3380, ltr in 23d for EE rpt & ms VIC # 193 (Barto) congrats

MADAGASCAR: R Netherland relay, 11730, Braille card w/FD in 10d air (Courtney)

MALTA: DW test, 9610, 62d for EE rpt & 1 IRC (McCarthy) 11865, card in 1m (Brunner)

11865 card in 10hd (Gavaras) 11865 20 year card in 1m (Keller)

MONACO: TWR, 7105, FD card in 8w for EE rpt & 2 IRC (Hughes) 23d for 1 IRC (Tobin)

NEW CALEDONIA: R Noumea, 7170/11710 island antenna card, veri in FF sked in 50d for 2 IRC & used US stamps (Brewer)

NEW GUINEA: R Morobe, 3220, old style data sheet in 90d air for ms (Mayer)
 NETHERLANDS: RN, 9715, card & sticker in 4ud (Zobro)
 NETHERLAND ANTILLES: RN Bonaire relay, WDXCI card 6165 in 5ud from India ?? (Wala)
 NEW ZEALAND: R New Zealand, 9540, card in 16ld no rp (Peraaho) 9540, card, sked, map in 28d for 2 IRC (Hughes) 15110, lttr sked, tourist info, in 32m said they were out of QSL cards, sent 2 IRC (Keller) 15110 world card in 20d (Brewer)
 NIGER: R du Niger, Niamey, 5020, black/green/red card w/map insert in 10d air for FF report and 2 IRC (Schwartz)
 NIGERIA: NRC 4990 Lagos card sked in 19d air for 2 IRC (Peraaho) 4990 Calabar on 6145 for EE rpt no rp (Smith)
 NORTH VIETNAM: Voice of Vietnam, 11930, card, nxpaper, sked, in 72d air no rp (Schwartz)
 PAPA: VL8BD, 3305, R Western District folder card in 3w for 1 IRC (Barto)
 R Milne Bay, 3360, personal lttr in 162d for EE rpt & 1 RC v/s Diba Samano, new QSLs not printed yet (Mayer)
 PHILIPPINES: FEBC, 6030, lttr in 6m for 2 IRC (Pyatt) 11920, 25th anniversary card sked in 16ld for 3 IRC (Wala)
 POLAND: Polskie R, 11810, map card, pin, lttr from Jan Wieszinski, saying they played a song for me also sent surveys, station yearbook, books on Polish wars, history etc in 28d air no rp (Brewer) on Nov 16 rec'd a very nice present, a 206 page book written in EE, FF, & GG entitled "Mowi Warszawa" —without asking (Zobro)
 PORTUGAL: R Portugal 11935, ship card in 3ld (Brewer) 11935, same in 2w for 1IRC (McCarthy)
 RWANDA: DW-Kigali, 15380, 47d for EE rpt & 1 IRC in 47d (McCarthy) 15410, special card in 115d aerogram rpt (Brewer)
 SIERRA LEONE: SLBS, 3316, personal lttr in 87d for EE rpt & 1 IRC (Mayer)
 SARAWAK: R Sarawak, 4950, beat-up BC house card w/sked in 2ld for 2 IRC (Brewer)

SWL

DE

RADIO

ABIDJAN

MERCI POUR VOTRE REPORT
 CONCERNANT NOTRE EMISSION

du 21-12-74

A - a - b - c - d - X - Y - Z
 B - a - b - c - d - X - Y - Z
 C - a - b - c - d - X - Y - Z
 D - a - b - c - d - X - Y - Z
 E - a - b - c - d - X - Y - Z
 F - a - b - c - d - X - Y - Z

Heure GMT

a = 00 h à 06 00 h
 b = 06 00 h à 12 00 h
 c = 12 00 h à 18 00 h
 d = 18 00 h à 24 00 h

⊗ = FRANÇAIS
 Y = VERNACULAIRE
 Z = ANGLAIS

SPAIN: RNE 6065, aerial card & sked in 15d air for 2 IRC (Keller) 11925, TI site card pennant in 16d air for 1 IRC (Courtney)
 SOUTH AFRICA: SABC, 3250, SA scenes card w/FD in 20d (Brooker)
 Springbrook R, 4875, African service card & sked in 1m for 2 IRC (LaCroix)
 RSA, 9585, card in 22d (Davidson) 9585, Nyala Ram Card magazine, in 18d (Zobro)
 SUDAN: R Omdorman 9505, lttr v/s Ali Mohammed Ali, sked in 68d for ms (Gavaras)
 SUMATRA: IDK-4855, Palembang 9m for II rpt & ms, v/s Arsyad Subik, beautiful black & white village card much better than the old RRI cards (Barto)
 TAHITI: R Tahiti, 15175, blue caricature card sked in 1m for 2 IRC (Brewer)
 TAIWAN: VOPC, 15125, Ching Dynasty, copper/enamel cup card in 68d (Brooker)
 TOGO: R Togoloise, 5047, in 39d for FF rpt & 1 IRC (McCarthy) same in 47d (Smith)
 TURKEY: Voice of Turkey, 11880, card w/FD sked in 29d for 2 IRC (Peraaho)
 USA: WWWH, 5000, 10000, 15000 card in app 30d (McCarthy, Alder, Courtney, Hagen)
 OAS, 9640, card w/emblem EE rpt no rp (Zobro)
 USSR:
 ASIATIC, R Moscow via Niklayer, 9700 red card in 1m (Dean)
 EUROPEAN, R Moscow, 9700, 7110, 12050 cards & stamps in 3ld (Brewer)
 R Terevan, 17900, plain card in 113d registered mail (Wala)
 UKRAINE, R Keiv, 17900, in 62d for 5 separate cards, pennant (Meehan) 12050, R Keive, card in 18w for EE rpt & 2 IRC (Hughes)
 VATICAN CITY: R Vatican, 6165, card & sked w/FD in 37d for 2 IRC (Wiles)
 VENEZUELA: R Barquisimeto, 4990, network card in 1m for NASWA SS rpt guide & 1 IRC (Courtney) 9510, blue green white card in SS for SS rpt & 1 IRC in 30d (Zobro) 9510, d same in 22m (Keller)
 R Juventud, 4900, dancing card in 40d for Gilfer 3-Ling. rpt form & 1 IRC (Courtney)
 R Nacional, 15390, d card, book, sked in 2w for ms FD (Pyatt)

WEST GERMANY: DW, 6075, 20th anniversary card in 69d (Davidson)

SOUTH YEMEN: Aden, 7190, pink card in EE for EE & AA rpt, tape & \$1 in 6m. V/s R. M.

Admed (Hagen)

ZAMBIA: R Zambia, 4911, FD card in 26d for EE rpt & 1 IRC (Smith)

CLANDESTINE: R Buskadi, 3250, FD map/antenna card in 1 year 9 months for EE rpt & FF ms sent to Paris address (Mayer) 12080, same card in 220d for EE rpt & 1 IRC (Smith)

CONTRIBUTORS:

ALDER, Bill TX...BARTO, CT...EREWER, Mike KS...BROOKER, Jim MI...BRUNNER, Charles PA
COURTNY, Allen MT...DAVIDSON, C.E. IA...DEAN, Dennis OH...FINO, Henry NY...GAVARAS, Tom
MN, HAGAN, Jim VA...HIOMAN, Bill OH...HUGHES, John NY...KELLER, Gladys NY...LACROIX,
Ron MI...MAYER, Alan IL...MCCARTHY, Dan IN...MEEHAN, Jim CA...PERAAHO, Mike MN...POWERS
Jeff PA...PIATT, Ed PA...SCHWARTZ, Richard DE...SHEEDY, Dan CA...SLAFF, Jerald NY...
TOBIN, Pat PA...WALA, Philip MN...WILES, Bob W.VA...YAMRON, Larry PA

Many thanks to all for this months column. Picture contributions go to Allan Courtney,
Larry Talbot, Charles Foxx Jr, & S Barto. Till Nx month. Bob

Bob

TELEPHONE:
TOKYO 465-1111

CABLE ADDRESS:
RADIONHK TOKYO

NIPPON HOSO KYOKAI

(JAPAN BROADCASTING CORPORATION)
JINNAN, SHIBUYA-KU
TOKYO, JAPAN

22nd October '74

Dear Mr. Barto,

Referring to your report of 20th September, we have the pleasure to inform you that the transmission (3607.5kHz) you received has been identified as NHK's short wave relay for domestic services.

In addition to the domestic services, NHK operates international broadcasting beamed to all parts of the world under the name of Radio Japan. A beautiful QSL card will be send to any listener in return for his report on the reception of Radio Japan's transmission, giving such matters as the date, time, frequency and your comments on our programs.

We are sending you a copy of our transmission schedule as a guide to your listening. We hope that you will continue to tune in our broadcast and send us your reception reports.

Hoping for your continued cooperation.

Yours sincerely,

RADIO JAPAN

LISTENER'S



Dan Jamison
310 Roanoke Street, Apt. 21
Richmond, VA 23225

Deadline: 15th

AUSTRALIA As announced frequently on R.Australia following the Darwin disaster, the local station, "8DR", whose studio survived but transmitting capability was eliminated, is being relayed on SW via Shepparton (the Darwin relay was also knocked off the air). The audio was fed via microwave all the way to Victoria; the SW feed was picked up and rebroadcast on "8DR's" former 650 KHz frequency for reception in Darwin. Scheduled b/c's are fm 0000-1000 on 17715; 1010-1730 on 9550; 1800-2350 on 11810. (Glenn Hauser, OK; Mike Willis, Australia; Bob Underdown, ARK; Peter Wiederhold, B.C., Canada)

ANGOLA Emissora Oficial, Luanda, continues to s/on w/"A Portuguesa". Good signals, seemed 100 KW, on 7245 at 0500. (Dr. Richard Wood, NY)

BANGLADESH The latest address of Radio Bangladesh is : Research Wing, Directorate General, Radio Bangladesh, 23/7, Shamoli (B-Block), Dacca-7, Bangladesh. RB xmts to Europe in EE fm 1230-1300 on 15330. (Charlie Wootten, MD; Richard Schwartz, DE)

BHUTAN The Radio DX Club of India rpts that Radio NYAB has the following sked on 7040 which uses 300 watts according to a recent verification letter: Sundays only at 0730-0930 in EE and Dzongkha. Listener's Choice is b/c at 0845-0930 in English. (Charlie Wootten, MD)

BURUNDI Conditions to Africa in EGNA were vy good in December/early Jan. Seldom hrd Radio Cordac in Bujumbura was noted at 0400 in Kirundi on 4900. (Dr. Richard Wood, NY)

CANADA In Radio Canada's Letterbag program, they gave the freq's of their Sackville PTP transmissions to their relay station in Europe and Malta. For the Africa and Europe I,II. & III xmsn's, the PTP freq's are 9445 and 5925. (Bob Underdown, AK)

COOK ISLANDS Chris Hambly via SCBX (and copied fm DSWCI) says that tests have been hrd w/fantastic reception in Australia on 5045 at 0700-1000. A prepared card is required for verification. (via Charlie Wootten, MD)

CHAD Ndjamena on 7120 was noted at 0700 in an AA-influenced vernacular. (Dr. Richard Wood, NY)

CLANDESTINE "VOICE OF PALESTINE": This AA-language cland. radio sta has anced that its daily b/c will be changed fm 0900-1000 to 1200-1300 fm Jan 1. The radio, which operates on 8662 KHz also said that it plans to increase its transmission time. (BBC Monitoring Svc)

"THE VOICE OF THE MALAYAN REVOLUTION" now has EE fm 1500-1531, although EE has been also hrd signing on just at 1515. A YL does the ancmnts. Freq's are 11830 and 15792. (Mike Willis, Australia)

DAHOMY Cotonou on 7190 was noted at 0700 in FF w/some portions in a vernacular. (Dr. Richard Wood, NY)

DOMINICAN REPUBLIC Radio Clarin, Santo Domingo, on 11700 is in full daily operation and noted beyond the previously specified 10-hour daily sked. Noted as early as 1200 and as late as 0400 and could even be in 24 hour operation; 4850 noted in // in darkness hours. Unless Clarin is governmental this appears to contravene Dominican government regulation, reported by DX-er Cesar Objio, that no commercial stations may operate above 5 MHz. (Dr. Richard Wood, NY)

EGYPT Cairo's VOICE OF PALESTINE, VOICE OF THE PALESTINE REVOLUTION may be hrd in AA on 9755 between the hours of 1730-1930. (by permission, BECMS)

GREAT BRITAIN The BBC World Radio Club is to be retired beginning Jam 4. The b/c's will be Wed's at 1330 and 2315; Fri's at 2030; and Sun's at 0815. (via Charlie Wootten, MD)

GUINEA, REP OF Conakry was noted on a new freq drifting between 7250 and 7252, often in all-night operation // 9650v, fm 0000-0600; also noted at 0700. (Dr. Richard Wood, NY)

HONDURAS La Carinosa, San Pedro Sula, continues normal operation on 6125. This is the only ID hrd fm 0000-0100. (Dr. Richard Wood, NY)

GUYANA According to a QSL letter rec'd fm Action Radio, they use 3290 fm 0845-1245 only - although the 0323-0340 period was QSL'ed! The 5950 outlet was listed fm operation between 1245-1945. (Keith Russell, IL)

SUPPORT NASWA - CONTRIBUTE TO YOUR FAVORITE SECTION

FRANCE

(Hadley Gress, VA; Glenn Hauser, OK; David Walcutt; Dr. R Wood, NY)

ORTF was to have shut down its entire international radio operation except the HS relays to overseas colonies and a couple of minor svc's to Africa, despite the recent inauguration of a fleet of 500 KW SW xmtr's. (Bernard Chenal, France via Larry Magne, PA)

Channels have been disappearing one by one, or being cut back, since early December, e.g. 15120, 15125, 15135, although a new one on 17795 has been noted lately. (Larry Magne, PA)

ISRAEL I am delighted to rpt that in the midst of cutbacks by the ORTF, DW, BBC, and even VOA, one international b/c'er is moving forward with improved b/c'ing. On Jan. 1, 1975, the IBA put into operation its long-awaited curtain antenna slewing and switching facilities for NA and Europe, among other places. These allow all four of the new 300 KW SW xmtr's to be beamed w/ max efficiency to our zone as programming permits. Further, the DX pgm has been stepped up fm fortnightly to weekly, and is now hrd around 2035 every Sat, hosted by the v'y capable Ben Dalfen. Unlike most DX shows, it features not lists of loggings and DX tips, but rather interviews and discussions on a variety of radio topics concerning Israel and the IBA (e.g., the Israeli radio monitoring svc, Israeli equipment manufacturing, hearing the low-powered IBA tx's as DX catches).

Ben welcomes suggestions and letters; write to Ben Dalfen, DX Editor, IBA English Service, P.O. Box 1082, Jerusalem. The complete IBA sked (excluding 20 KW xmtr's) is read at 2045 each Thurs by Ben. The new sked for NA is, as of Jan. 1:

1130-1230 Morning b/c suspended for now, if reactivated will include a 15 MHz channel beamed to the new zone of Asia & the Pacific.
 2000-2055 EE 9815 (now 50 KW, may be increased to 300) 9620 (now 300 KW, m/b decreased), 7395 (300), 5900 (300), plus low pwr on 12025, 11643, 9525, plus to Africa 17690 (20) & 9009 (300)
 0500-0515 EE, 0515-0530 in FF (relay of AA HS network) to WCNA/ECNA on 9815 (50), 9009 (300), 7395 (300), 5900 (300), plus low pwr on 12025, 9625, 7125, 6000.

Finally, a prime-time svc to NA (e.g. 2300-0500) is now feasible and the State of Israel is interested in comments fm listeners. These are best directed to MR. Yigal Allon, Foreign Minister, Jerusalem, Israel. Letters directed at the decision-making level by those who, like you, actually listen to the IBA's new facilities have a unique importance.

(many thanks for the concise wrap-up of the IBA op's Larry ...Larry Magne) George Schnabel, NY, notes that as of 12/28/74, the IBA on 12025 was booming in like it was fm downtown; 11643 was barely audible, likewise on 9815, and just a whisper on 7395.

KOREA, SOUTH Radio Korea has slated the American Svc fm 0500-0530 on 11925 0900-0930 11925

European Svc 0630-0700 11925, 9640 1900-1930 11925, 9640

S Amer Svc 1100-1130 11925, 9640

SEA Svc 1430-1500 11925, 9640

all b/c's above are in English
 The Gen Svc has $\frac{1}{2}$ hr. pgms on 9640 at the following starting times: 0200, 0500, 0530, 0630, 0830, 0900, 1030, 1100, 1430, 1830, 1900 (via Ken Earhart, PA)

MEXICO The new ID for R. Tricolor (15110/4880) is Radio Fiesta. (Brandon - Lovett, OH) XERH now ID'ing as R. Trece ...suggesting a theory that Tricolor is relaying pgms of selected MW sta's whenever they feel like it. (Charlie Wootten, MD)

"France's O.R.T.F. Broadcasting System has been replaced by seven autonomous companies which will also be under state control."

A Broadcasting Change in France

Reuter

PARIS—France's giant O.R.T.F. Broadcasting System was dismantled yesterday after having controlled all television services and state-run radio stations in this country for the past 10 years.

The monolithic structure, crippled by strikes, internal feuds and a widening financial deficit, has been replaced by seven autonomous companies which will also be under state control.

Launching operations on Jan. 6 are three television channels—Television Francaise 1, Antenne 2, and France 3—which will be

similar in many respects to the three former O.R.T.F. channels except that they will be completely independent of each other and will be competing for audiences.

A fourth unit, Radio France, will run the country's three state-run domestic radio stations.

The three other new companies are responsible for production and technical services.

Each of the seven companies has its own director, but there will no longer be an overall French broadcasting chief in the style of Marceau Long, director of the defunct O.R.T.F. system.

KAMCHATKA RADIO; PETROPAVLOVSK, KAM.

	1630	1700	1730	1800	1830	1900	1930	2000	2030
SUNDAY	M	M	M	M	M	PO	PO	M	
MONDAY	M	M	M	M	M	M	M	M	
TUESDAY	M	M	M	M	M	X	K	K	
WEDNESDAY	M	M	M	K	K	PO	PO	M	
THURSDAY	M	M	M	M	M	X	K	K	
FRIDAY	M	M	M	M	M	PO	PO	M	
SATURDAY	M	M	M	K	K	PO	PO	M	

1630-1700 GMT 7160 KHZ ONLY
 1700-2030 GMT 7160, 7300, 9540, 12010 KHZ.

PROGRAMS: X MOSCOW PGM. 1, F.E. VERSION.
 M MOSCOW PGM 2 (MAYAK).
 PO RADIO STA. PACIFIC OCEAN
 (VIA. TO F.E. & FISH. FLEET).
 K KAMCHATKA RADIO.
 (PETROPAVLOVSK TO F.E. & FISH. FLEET).

SOVIET HS FM - FAR EAST SITES - continued:
 (Bill Davis, CA)

NIGERIA The Voice of Nigeria has EE fm 0530-0735 on 15185, 7255, 11900; 1530-1700 on 7275, 15185, 15120; fm 1800-1930 on 15120 7275, 11770.
 (Tom Hilko, CO)

NORTH VIET NAM
 VOV noted on 4895 at 2155 w/EE lessons. (ADDX-Kurier via Richard Schwartz, DE)

PERU R. Atlantida on 4791; full ID @ 0400 as "Escucan R. Atlantida que transmite desde Iquitos".
 (Richard Wood, NY)

MONGOLIA The external service of Radio Ulan Bator is slated as follows:
 0820-0850 Mongolian (not Mondays) 10650, 7235
 1030-1100 Std. Chinese (M, Th) to P.R. of China 11855, 7260, 5053
 1030-1100 Russian (Tu) to USSR 11855, 7260, 5053
 1035-1100 Russian (f) to USSR 11855, 7260, 5053
 1220-1250 English (not Sun) SEA & FE 17785, 15440
 1300-1330 Std Chinese (not Mon) to PRC 5960, 4950
 1330-1400 Mongolian (not Mon) 5960, 4950
 2200-2230 English (not Mon) to SEA & FE 11855, 9545

A pgm in Russian prepared by R. Ulan Bator is b/c in R. Moscow's HS First-Pgm fm 1100-1130 on the first Monday of each month.

The Mongolian Home Service First Pgm in Mongolian fm Ulan Bator has been recently confirmed as adhering to the following sked:

2200-1420 on 5035 (transmission time 2200-1420, except 1030-1100 Monday, Tue, and Thurs, and 1035-1100 on Friday.)
 2200-0100 4760 & 4080
 1100-1420 4760 & 4080
 0100-1100 11855, 7260 ((Programmes include relays of R. Moscow's External Svc in Mongolian fm 0600-0650, 0930-1000, and 1315-1400))

Ulan Bator's Second Pgm in Mongolian has been observed fm 0900-1210 on 6385 and irregularly on 5960. This svc relays R. Moscow's External Svc in Mongolian fm 1130-1200.
 (by permission, BBC Monitoring Svc)

According to one of NASWA's Australian members, Mike Willis, Radio Ulan - Bator now has a new QSL card. Mike also notes that they are an excellent verifier. Mike, how does that 10650 outlet sound? Hopefully, this one will make it to the States, but the times may be unfavorable for many sections of the USA. Also, can you get a parallel to the 6385 freq (//5960)? The 6385v freq has raised controversy here in the States. Some say the outlet is Ulan Bator and others say it is Tay Bac. Are both sta's on the freq at the same or approx the same time? Thanks Mike, Dan.

PHILIPPINES SCDX Bulletin 1306 says that the latest sked of Radyo Filipinas (The Voice of the Philippines) is as follows:

Mon-Sat 0657-0954 to Japan, Korea, Taiwan
 0957-1154 Malay speaking countries the freq is 9580v
 1157-1354 Indochina
 1357-1654 WEST COAST NORTH AMERICA (via Charlie Wootten)

SAUDI ARABIA BSKSA, Riyadh, noted on new 15380 w/nat'l anthem (not s/on) and Arabic at 1630. (Dr, Richard Wood, NY)

A single-sideband xmtr on 5443 has recently been observed carrying the Saudi Arabian HS fm Jiddah. This is the first time that such a xmsn has been noted fm Jiddah although Riyadh has employed this mode on 5390 for a number of years. (no times given, ed.) (by permission, BBCMS)

SINGAPORE Radio Singapore on 5010 has been noted at 1630 s/on w/ancmts in EE. (ADDX-Kurier via Richard Schwartz, DE)

SPANISH SAHARA Radio Sahara at Al 'Uyun has been observed on the new freq

of 11805 fm 0810 approximately until 1800 fade out. This new freq is not an'ced but it is // 656 MW. (by permission, BBCMS)

SRI LANKA The SLBC, Colombo, recently introduced a one hour external svc pgm in EE beamed to Europe. Look for it fm 1900-2000 on 15120, 11800, and 9720. Rpts are requested to European Service, English Service, Sri Lanka - Broadcasting Corp., P.O. Box 1510, Colombo, Sri Lanka. (Gladys Keller, NY and BBCMS)

SWAZILAND TWR may be found on 6070 fm 0330-0700 and on 3388 fm 1700-1900 Soon they will be on 7230. (Tom Gavaras, MI)

SWITZERLAND The SEC has made a slight adjustment in their 0145-0215 b/c to avoid QRM fm HCJB. They are now on 5965 vice 5970. (Ken Earhart, PA)

TAIWAN The Voice of Free China fm Taipeh b/c's to Africa and Europe fm 1800-1900 on 17890, 17720, 15370, 15125, 11860, 11825, 9685 - all in EE. (Richard Schwartz, DE)

TIMOR Emis Rdf Timor has changed fm 3668 and is now xmt'ing w/10 KW on 3268 in PP and CC. (ADDX-Kurier via Richard Schwartz, DE)

VIET NAM, SOUTH VTVN operates around the clock in Vietnamese on 4877, 9620, 7175, and 6165. ENGLISH is slated fm 0430-0500 on 9755. (Steve d'Adolf, TX)

USSR RADIO BAKU
1300-1750 on 9840, 6110
1830-1950 9840, 6110

RADIO DUSHANBE
1400-1500 on 7300
1530-1630 7300
1700-1730 7300
1800-1830 7300

RADIO KIEV
EE to the America's
0030-0100 (Su, Tu, F) on
17870, 17830, 17775, 17720
15180, 12050, 12000, 11980,
9800, 7420, 7350, 7205, 7150
6020, 6000, 5915

RADIO LENINGRAD
2230-2330 (Fri) 7250

RADIO MINSK
1800-1830 7420, 7360,
6010, 5970
2130-2200 7420, 5945,
5900

RADIO RIGA
1200-1300 (not Fri, Tu) 5935
2020-2200 5935

RADIO TALLINN
2135-2200 6085

RADIO TASHKENT
1200-1230 in EE 11925, 9600, 9540, 6025
1400-1430 11925, 9600, 9540, 6025

RADIO TBILISI
1900-2100 (Tu, F, Su) on 5930

RADIO VILNIUS
2230-2300 in EE (Sa, Su) 9745, 9735, 9665,
9530, 7355, 7310, 7190, 7165,
0030-0100 (Su, M) 9520, 7355, 7320, 5940
THE VOICE OF ARMENIA (YEREVAN)
0325-0330 in EE (Su, W, Th, Sa) 11690, 9735,
9610, 5985

(by permission, BBC Monitoring Svc)

SUBJECT: JAMMING You can delete as jammer countries these jamming the revolutionary broadcasts emanating fm Radio Zambia (cf. 1/75 CB 3&8 and 1/75 LN-3). (Richard Ginbey, South Africa via Clandestine Bulletin Editor Larry Magne, PA) Likey Rhodesia and maybe even South Africa. (Magne) However, per Tony Jones, you can add Argentina, which Tony finds apparently jamming the Uruguayan station, Radio Colonia on 550 KHz. (Magne)

And so concludes another LISTENER'S NOTEBOOK. A hearty word of thanks is extended to all of our contributors for their valuable and interesting contributions to LN. We are looking forward to receive some material from YOU! Schedules, observations, tid-bits, and general information are always welcome. If you desire the return of your sked, please enclose a SASE (self addressed stamped envelope) and it will be returned to you promptly. Please, all times in GMT and use only one side of the paper. See ya next month!

COMING SOON:
Chinese reception report
forms - watch for details in
next month's LISTENER'S NOTEBOOK

73 and Happy Listening,

Dan

Cubans Learning Russian By Radio

MIAMI, Fla. (AP) — Some 200,000 Cuban young people are studying the Russian language in a new radio-correspondence course being carried out throughout the island, officials say.

"The learning of Russian has become a necessity for our country," said Raul Ferrer, vice minister of adult education, in a Havana radio broadcast monitored Wednesday in Miami.

The lessons are transmitted by Radio Rebelde to students throughout the country who have received text booklets with instructions and exercises to be studied.



LOG REPORT

SECTION - A

PLEASE NOTE MY NEW HOME ADDRESS: 1626 BONITA AVENUE, BERKELEY, CA 94709. Telephone number remains (415) 549-3963. . . . Last month I wondered what Section A reporters would do for an encore; this month I found out! And so, without further ado . . .

- 2200 CHINA. Foochow, Fukien. 1355 lt CC mx; F. Not // 2340 then but was at 1421 (Sztot).
2339.5 VENEZUELA. R. Nueva Esparta. 0753 lt mx, W DJ; 0801 "Radio Nueva Esparta desde Porlamar"; P/F. Not there 0900 ck; hrd again 1001 ck (Sztot).
2340 CHINA. Foochow, Fukien. *0957 OC, 1000 pips, ID; 1002 CC nx by M&W (Sztot). 1243 W in CC; P/F (J. Davis). 1340 EE lang lesson -- M&W reciting EE phrases, then giving CC translation. Most phrases knocked Lin Piao, Confucius, praised Mao (Sztot).
2340 NEW BRITAIN I. RWNB, Kimbe. 1127 N.G. chants; P (Henderson). 1255 Xmas carols, Pidgin ancts (Sparks). 1258 EE closing remarks to 1302*, no Foochow QRM (Tuch'er).
2342H (T) GUATEMALA. R. Cadena Landívar (per Hauser). 0752 Xmas mx, SS; is 2 X 1171. Don't confuse with Venezuela on 2339.5 (Sztot).
2348 NEW BRITAIN I. RWNB, Kimbe. 0940 Pidgin request show (Padula 12/31). (Bob, were they up here from 2340 this day or did you mean to quote 2340? BH).
2350 CHINA. Tsinan, Shantung. 1225 W in CC; P/F (J. Davis).
2360 GUATEMALA. R. Maya de Barillas. (T) 0540 beautiful marimba mx, 0605 ID seemed "R. Nuela"; assume Maya on late for New Year's. 0755 ck, covered by dull droning stns (utes?) (Charnes). 1054 orch version of "God Rest Ye Merry, Gentlemen"; P (Sztot).
2376 NEW GUINEA. R. Chimbu, Kundiawa. 0959 TC in Pidgin (Padula).
2383 UNID. Possibly CC-sprk 1440 to abrupt 1500*; vy wk audio (Hill 12/20).
2390 GUATEMALA. LV de Atitlán. (T) 0555 native lang, few minutes of SS (Charnes). *1100 marimba mx, full SS ID, into SS pgn w/ some Indian lang ancts; F/G (Robins). 1124 SS and Indian lang; F (Henderson).
2410 NEW GUINEA. R. Goroka. 0958 Pidgin (Padula). 1102 Pidgin nx, 1111:30 mx; F (Sztot).
2428 NEW IRELAND I. RNI, Kavieng. 0945 EE talk on agriculture in PNG (Padula).
2430 CHINA. PLA. 1220 W in CC // 2600/3535/3640/3900 but weaker (J. Davis).
2440H COLOMBIA. R. Cordobesa. 0525 wild (non-LA) SS mx, 0533 ID; also 1123, good QRK. Is 2 X 1220 (Sztot). (T) 0700 seemed "R. de Colombia para todo"; fine sig (Charnes).
2450 BRAZIL. R. Cultura de Araçatuba. 0815 lt mx, M DJ; 0831 "Cultura de (something) São Paulo," then PP nx or similar (Sztot 12/25).
2450 JAVA. RRI, Jakarta. 1518 EL mx, 1538 Indo, more mx; 1600 ID; G. Is the only 120MB Indo noted every day (Sztot).
2450 PAPUA. RWH, Mt. Hagen. 0945 EE pops (Padula). 1250 C&W mx, Pidgin anct (Sparks).
2460 JAVA. RPKD, Sumbelang. 1401 nx, much mention of Jawa Barat (Tyson via UADX).
2468 PAPUA. RND, Popondetta. 0955 Pidgin requests (Padula). 1112 EE, C&W mx; 1120 Pidgin, 1125 lcl mx; F (Henderson). 1250 Xmas carols, W ancts (Sparks). 1330 lang, lcl vocals; P on 12/31, a good day for PNG (Lineback).
2475 CHINA. Hangchow, Chekiang. 1015 CC (Padula). 1215 screaming CC mx; F (J. Davis).
2490 BRAZIL. UNID 1119 PP, ads; P (Henderson).
2504V JAVA. RDK, Bandung. 1430 sev definite ID's (Goonetilleke via UADX).
2510 S. KOREA. KBC, Taegu. 0950 KK (Padula). 1218 W in KK; F/G (J. Davis).
2600 CHINA. PLA. 1015 CC // 2800 (Padula). 1215 W in CC; VG (J. Davis).
2670 N. KOREA. Sariwon. 1345 KK mx; F. Fighting, losing to RTTY. // 2750/2850 (Sztot).
2745 N. KOREA. Sinuju. 1005 KK // 2750 (Padula).
2750 N. KOREA. Chongjin. 1005 KK, national songs (Padula). 1342 KK, poss nx (but at 42 minutes past hour?); F. // 2670/2850 (Sztot).
2800 CHINA. PLA. 1012 CC (Padula).
2850 N. KOREA. 0903 already in but wk (Hauser). 1015 KK; is key stn, relayed by various provincial outlets (Padula). 1315 KK; F/G (J. Davis).
2920 JAVA. RPKD, Klaten, Jawa Tengah (per Tyson). 1256 light mx, 1300 "Suara ... Radio Pemerintah Daerah Kabupaten Klaten" (though sounded more like "Klouten") (Sztot).
2960 CHINA. Kirin, Changchun. Just after 1500 in CC, seeming drama; mixing with, and finally overpowered by, one of innumerable C&B harmonics that ruin 2 MHz at my QTH. First time hrd after many, many checks (Hill 12/20).
3031 N. KOREA. Pyongyang (presumed). New freq noted 12/20 from 1252, orch mx, W in KK, vocals; 1300 pips, M&W in usual strident KK; G. // 2850 (Hill). 1324 KK // 2850; G (Sztot). 1602 boring KK mx // 3015 (J. Davis). (3015 - actually 3016 - is JJ. svc of Pyongyang; did you mean // 2850? BH).

- 3195 IRAQ. Baghdad. 1648 AA (Willis).
- 3204 JAVA. RRI, Bandung. 1422 lang, mx; G (Cabral).
- 3210 MOZAMBIQUE. RCM, L.M. 0354 orch mx, PP; F (Henderson). (T) 0405 pops, PP (Sparks).
- 3215 VENEZUELA. Ondas Panamericanas. 1030-1115, 0030-0300, usual pgms; "Esta es O.P., la primera ..." ID, Banco de Lara ads, mentions of El Vigía (Reeves).
- 3220 CHINA. RP. 1334 M&W in CC alternating in mx or cmtry; F. // 3290/3450 (Sztot).
- 3220 NEW GUINEA. R. Morobe, Lae. 1130 Pidgin, Islands mx, headhunter chants, C&W mx, EE, 1300* (Tuchscherer, Magne, Miller, Lineback, Whitacre, Hauser).
- 3223 SWAZILAND. SMR. 2142 R&R mx, ID, jingles, pops, 2200* (Henderson, Miller, Reeves).
- 3225 VENEZUELA. R. Occidente. 0215 ID, many ads to 0220 (Mayer).
- 3227 LIBERIA. ELWA. 2144 vernac; F. Another day 2147; G/E. Not // 4770 (Henderson).
- 3232 CONGO REP. Brazzaville. 2147 FF; F. // 4765 (Henderson).
- 3240 ECUADOR. R. Turismo. 0030-0308* NA; ances only one freq. Peru on this chnl is // 6010 and 9506 (Reeves).
- 3240 IRAQ. Baghdad. 0416-0430 AA chants. Only non-LA hrd on band (Reeves).
- 3240 PERU. R. America. 0030 singing ads, LA mx, ID (Miller).
- 3245 PAPUA. R. Kerema. 1245 lcl & pop mx, chants, 1401* on 12/31 (Tuchscherer). 1300:30 native songs, W ancr in lang to 1315 FO; P (Whitacre). 1320 lang, C&W mx (Lineback).
- 3250 ECUADOR. R. Turismo. 0225 LA mx, Andean bulletins, 0300* (Tuchscherer). (3240? BH).
- 3250 KALIMANTAN. RRI, Banjarmasin. 1145-1210 FE vocals, no mx relay 1200 (Reeves).
- 3250 S. AFRICA. SABC. 0045-0335 EE, pops, ads (Zilmer, McNeil, Courtney, Nebron). 2330 sounding like U.S. BCB stn w/ "Finger-Lickin' Good" ad for KFC; G (Whitacre).
- 3255 BRAZIL. R. Clube de Marfília (L). 0824-0905 traditional Brazilian mx, "horas em Marfília," banco ad; F (Reeves).
- 3255 LIBERIA. ELBC. 2200 EE & vernac Ghana-type pgm; two M discussing Af countries. G then, 2230 lost to ute. Hrd 1/6 only; must be irr. Wanted for years! (Reeves).
- 3255 VENEZUELA. LV de El Tigre. 0130 ID's, ads, mx, sports, 0458* (Mayer, McNeil, Agner, Sparks).
- 3258 UNID. 2146 vernac on good Af day; P under ute (Henderson).
- 3260 ECUADOR. LV del Rio Carrizal. 0305 ID, Andean instr mx to 0315; F (Mayer).
- 3260 NEW GUINEA. R. Madang. 1230 EE TC seemed "11:30" (though time should be 10:30); lively accordion mx; P, then covered by RTTY (Magne, Whitacre). Usually in a muddy mess w/ China; 1120-1200 sometimes shines through w/ Islands mx (Reeves).
- 3260 NIGER. Niamey. 2145 nice drum mx, M vocals; P/F. // 5020 (Henderson).
- 3265 MOZAMBIQUE. RCM, L.M. *0300-0410 EE, rock, pops (Reeves, Tuchscherer, Whitacre, Estes, Corson, Robins, Henderson). 1739 EE ancts; G (Willis). 2125-2200*; strong; about same level as // 4923,5 (Reeves, Henderson).
- 3270 CHINA. RP. 1540 EE mx, political cmtry (Sparks).
- 3270 DAHOMY. Cotonou. 2155 W in FF; VP. // 4870 (Henderson).
- 3270 ECUADOR. R. Cosmopolita. 0305 nice Ec mx, frequent ID's, 0438* (Robins, Charnes, Sparks). But on 1/1, 0510 ID, anthem -- then mx resumed! (Tuchscherer).
- 3275 MOZAMBIQUE. RCM, L.M. 1712 vernacs; better than 3265 (Willis).
- 3275 PAPUA. RSH, Mendi. 1230 native songs, ancr; soon covered by military net (Whit-
- 3275 VENEZUELA. R. Mara. 2330-0002 Arabic pgm, then back to usual LA format (Henderson, Reeves). 0215-0418 LA & U.S. pops (Courtney, Schwarz, McNeil, Agner). *0958 (Per-
- 3277 JAVA. RRI, Jakarta. 1545 Indo songs, ancts (Sparks).
- 3277 KASHMIR. AIR, Srinagar. 1700 after RRI s/off; F/G (Willis). (T) 1128 OC on daily early Jan.; SC audio one good day. OC slightly lower prob RRI (Reeves).
- 3280 ECUADOR. LV del Napo. 0255 relig talk, Ec and EL mx, 0300 ID, 0325* (Reeves, Robins). 0350 Andean mx, 0357 ID; P (Mayer).
- 3286 PHILIPPINES. PBS. 1200 EE mx QRK when RRI, Madiun, made unsked s/off; // 6170
- 3290 CHINA. RP. HS II 1207 CC, Mickey Mouse mx; VG (J. Davis).
- 3290 GUAYANA. GBS Action R. 0103 EE, ads, lt & pop mx, 0340* (Miller, Mayer, Robins, McNeil). 0700 EE, "Top Hits of '74" (special 1/1 show) (Tobin). 0910 EE, ID's, relig pgm, lcl mx, agricultural pgm, Xmas mx, past 1025 (Gavaras, Wala, Perdue).
- 3295 BRAZIL. R. Educadora de Uberlandia. 0845 accordion mx, ID, ballads; much steadier than 3375 but not exactly high fidelity (Sheedy). UNID 0819 PP, TC, instr mx (Rvs).
- 3295 VENEZUELA. R. Trujillo. 0150 ID (Mayer). *1010 NA; great sig (Charnes). 1022 LA mx, ID's, ads, past 1040; G (McNeil).
- 3300 BELIZE. RB. 0300 after TGNA suddenly left air; BBC mx, lcl aero wx, ads, all-EE; P; 0314 wiped by TGNA return. Definitely // BCB 834 kHz (Lay).
- 3300 CHINA. PLA. 1155 CC // 3200/3400 (Willis). 1335-1345 CC drama // 4800 et al (Sny-
- 3300 GABON. Libreville. 2130 Af mx // 4777; G (Henderson, Reeves).
- 3300 GUAYANA. RG. 0420 EE DJ taking mx requests; F. On late for 1/1 (Agner).
- 3300 GUATEMALA. R. Cultural. 0300-0430 EE relig pgms (Agner, Nebron, J. Davis, Krause, Tobin, Keith Sztot, Powers, Pyatt, McNeil).
- 3305 PAPUA. RWD, Daru. 1110-1115 Pidgin, Is. mx; P (Snyder). 1325 lang, lcl vocals; P
- 3307 S. RHODESIA. RBC, Gwelo. *0330-0426 EE/vernac or Afkns; pops, ads, TC's, ID's. Slight shift up from 3306 (Corson 3306, Snyder, Perdue, Sparks 3306, Lineback, Yamron 3306, Magne 3307.2, Henderson, Nebron, Cabral).
- 3315 BRAZIL. R. Gazeta de Alagoas. Pop mx, ads, PP ID, 0350* (Sparks).
- 3315 VENEZUELA. R. Maracay. 0045 LA mx, bombastic ads, ID (Miller). 0330 mx (Mayer).
- 3316 SIERRA LEONE. Freetown. *0555-0741 EE, ads, mx; 0700 BBC mx; agn 0734 (Wala, Wallace, Williams, Yamron, Gavaras, Sparks, LaCroix). 2120 EE; F (Henderson).
- 3320 N. KOREA. Pyongyang. 0855 nice orch mx, 0900 pps, KK (Sheedy).
- 3320 PERU. R. Estrella del Sur. After 0200 audible at times (Perolo via NU).

- 3322.5 BOUGAINVILLE I. RB, Kieta. 0745-1301* (past 1338 on 12/25) EE & Pidgin, Is. mx, old U.S. pops (Wallace, Gavaras, Perdue, J. Davis, Magne, Zilmer, Cress, McCoy, Sparks, Robins, Lineback).
- 3325 GUATEMALA. R. Maya de Barillas. 0600 Xmas mx, ID, 0622* (Sparks). 1125-1240 lcl & Xmas mx, relig pgm in Indian lang, SS ID; seemed // 2360 (Zilmer, M. Smith, Magne, J. Davis). 1305 SS mx; F (Sztot).
- 3325 VENEZUELA. R. Monagas. 0130 speech by El Presidente // all other audible YV stns Mayer 12/15). *0941 NA, march (McCoy). 1020-1045+ LA mx, talk, ads (Perdue).
- 3335 NEW GUINEA. R. Wewak. 1210-1310 Pidgin, Polynesian mx (Magne, McCoy, Miller, Zilmer, Robins).
- 3336 SENEGAL. Ziguinchor. (T) 0755 FF, mx; nil 0808 ck. Not every night (Charnes). 2157 FI, FF talk, vernac vocals; sig increasing steadily to 0000* (Henderson).
- 3339 ZANZIBAR. RTZ. *0300 lang ancts, Koran readings, gone by 0320 (Estes). 0332 talk, Af mx w/ male vocal group; 0359 five-pip TS, 0400 ID, drum IS, nx; 0405 seemed // 5050, but both about gone (Earhart, Hauser, Corson). 1730 Swahili ancts (Willis).
- 3344 HAITI. 4VEH. *1000-1005 IS, s/on anct; F. Only 250 w. (Price).
- 3346 ZAMBIA. Lusaka. 0325 EE talk about Zambia, 0330 ID, then Af & U.S. mx; 0400 EE nx, 0405 ID; later Western mx, ancts of local interest (Mayer, Corson, Cabral, Robins, Field). 2330 mx pgm (Field).
- 3350 CABON. Franceville. (T) 0420 hi-life mx; too much noise to catch ID (Sparks). (T) 0459-0555 FF, Af mx; G/E (Corson, Field, Lineback).
- 3350 GHANA. Ejura. 0640 lcl mx, talks; CW QRM (Wallace). 0600 EE ID, nx; 0615 lang; P (Gavaras). 0641 vernac, Af mx; 0700 drums, ID, EE nx (McCoy).
- 3355 NEW CALEDONIA. Noumea. 0715 FF songs, ancts (Sparks). 0840 W declaiming in FF (as if speech), 0915 M in FF, then jazz; F/G w/ usual 3356.5 RTTY QRM (Hill).
- 3355 UNID. 2159 chants, M anct in unID lang; P under ute (Henderson).
- 3360 GUATEMALA. LV de Nahualá. 0350 SS, 0352 ID; 1215 lang, neo-ranchera mx; atop unID stn (Magne). 1135 SS, lcl mx; F (Zilmer).
- 3360 PAPUA. RMB, Alotau. 1215 Pidgin(?), many short mx intervals; 1232:30 chimes, 1235 anthem; 1238 seemed still on (Russell). 1300 ID, EE ancts, EL & Is. mx; F. Running late for holidays (Robins). 1355 Xmas carols, Pidgin ancts (Sparks).
- 3366 GHANA. Accra. 0600A FI, 0615 EE nx, airline arrivals; gone 0635 ck (Charnes, Williams). 2201 nx in clipped EE; F (Miller).
- 3375 BRAZIL. R. Olinda Pernambuco. (T) 0350 mx, 0400* ID (Field, Magne). (T) 0815 accordion & flute mx, PP ads, unreadable echo-chamber ID's; P, QRM (Sheedy).
- 3375 INDIA. AIR, Gauhati. 1151-1214 Hindi mx; best 90MB Indian. Not // 4775 (Reeves). 1414 SC mx, W anct after each song; 1445 EE ID, nx (Sztot). 1530 EE nx by W (Sparks). 1635 Hindi-type ancts; in clear at last (Willis 12/5).
- 3375 VENEZUELA. LV de la Fé. 0120-0130 ID, LA pops (Lineback). 0210 ID's; P (Mayer). 0345 tent ID (Nebron).
- 3377 JAPAN. NHK Relay, Osaka. 1042 piano mx, no talk; 1100 JJ ID (Sztot).
- 3380 ECUADOR. R. Iris. 0355 MSW (Field 3378). Ec mx, 0430* ID (Sparks). 0438 ads, full ID's; E (Estes). 1133 Andean tunes, ID, ancts; F (McNeil).
- 3380 GUATEMALA. R. Chortis. 0440 rhythmic SS dance mx, ID; F (Agner).
- 3380 MALAWI. Blantyre. 0320-0335 over Ecuador. Question 0645 logging (Jan. LR-A), as sunrise 0300A in Nov. (Reeves). 2115 EE pops, opera arias, occ Chichewa ancts; 2203 Chichewa nx, 2210* ID, NA (Reeves, Miller, Robins, Henderson).
- 3385 BRAZIL. (T) R. Cl. Teresina. 0810 frequent mentions of Teresina; best stn in band till Rabaul started FI (Charnes).
- 3385 FR. GUIANA. Cayenne. *0900 guitar IS, "LM," FF nx; G (McCoy).
- 3385 NEW BRITAIN I. R. Rabaul. 0925-0955 (M. Smith), 1218-1337 (Russell, Sparks, Magne, Miller, Zilmer, Lineback), 1405-1435* on 12/31 (Tuchscherer) Pidgin, Polynesian mx, Xmas mx, U.S. pop mx.
- 3385 VENEZUELA. R. Barcelona. 0217 ID (Mayer). 0403* NA (Magne).
- 3390 ECUADOR. R. Zaracay. 0320 (Wallace) 0545 (Courtney) 1120 (McNeil) Andean mx, ads.
- 3395 VENEZUELA. R. Universidad. *1000 -- in summer, tool most unusual (Willis). *1055 NA, ancts, LA mx, ID's, 1110+ (Perdue). 0335 LA mx; CW QRM (Wallace).
- 3396 NIGERIA. NBC, Kaduna. 0600 EE ID after Af mx, vernac talks; P/F (Wallace).
- 3396 RHODESIA. Gwelo. *0355 church-bells IS, 0400 EE ID, nx, ads, MOR and rock mx past 0430 (Henderson, Sparks, Estes, Whitacre, Lineback, Cabral).
- 3400 CHINA. PLA. 1130-1200 CC (M. Smith). (T) 1150 Asian lang & mx (Perdue).
- 3411.5 UNID. 1205 horn mx, relig(?) talk, 1215 lost. Only know Indo here (Magne).
- 3413V SUMATRA. RRI, Medan (L). 1118 clas mx, talk; not G enough to ck // 4764 (Reeves).
- 3415 INDONESIA. UnID Indo 1550 Indo songs, ancts; 1600* no anct or ID (Sparks) (Medan?)
- 3425 NEPAL. Kathmandu. 1147 tone, IS of lovely harp/violin-type combo; 1149:30 s/on ancts, romantic SC mx; 1158 talk (Magne, Henderson). 1230 Oriental vocals by group, Nepali(?) talk to 1300 (Miller, Ross, Lineback). 1345 talk, mx; G (Cabral). If time there is 24 min off GMT, why do they seem to break on the hour? (Lineback).
- 3450 CHINA. RP. (L) HS I 1130 SP, 2205-2330 LP; usual CC pgms. TBS shows 2200*, also // 4905 (Reeves, Henderson).
- 3473 INDONESIA. 1155 chants; assume listed RPKD (Reeves).
- 3497 (L) BOLIVIA. R. Alfonso Padilla Vega. 0116 instr & voc LA mx, SS; 0136 lost. Have had semi-logs in past on 3494-6 (Reeves).
- 3516 ECUADOR. R. Centro. (L) 0209-0245 non-Andean Ec mx, quiet M host; 0320 gone (Rvs). (T) 0212 nonstop Ec vocals; mucho CW QRM (Yamron).
- 3535 CHINA. PLA. 1345 CC; VG (J. Davis).

- 3540V CUBA. Cf Jan. LR. This is 6 X 590 of R. Rebelde, 24-hr operation. Also 4720 (8 X), 5310 (9 X). All have distorted harmonic quality, fair lvl (Reeves).
- 3560 N. KOREA. Pyongyang. 1018 KK vocals, 1020 ancts (Padula). 1254 KK mx; VG (J. Davis). 2203-2306 PO, Asian lang, boring talks by W, revolting mx; LP (Reeves, Yamron).
- 3640 CHINA. PLA. 1020 CC revolutionary songs (Padula). 1130 CC; G (J. Davis). 2213-2304 once, usual CC pgms; LP (Reeves).
- 3660 COLOMBIA (?) 1059 SS ancts, "Radio de Colombia" or similar; LA mx; daily (Ross).
- 3668 (T) PORT. TIMOR. Dfl. 1115-1145+ slow ballads, folk mx; too weak to tell lang or if M or W ancr (Perdue).
- 3865 PIRATE. 0710-0813 continuous pop mx (Santana, Joni Mitchell); pwl; no ancr (Ross).
- 3885 CAPE VERDE. 2159 W ancr, PP pops; VP. First time in a while (Henderson 1/5).
- 3900 CHINA. PLA. 1025 CC opera; wk thru hams; // 3640 (Robins). 1130 CC; F (J. Davis). 1410 W in CC nx to Taiwan; G (Sztot).
- 3905 W. IRIAN. RRI, Jayapura (L). 0945-1130 Indo & Moslem mx; ham QRM (Reeves).
- 3910 JAPAN. FEN. 1053 EE DJ, mx; G (Keith Sztot). 1258 EE, ending U.S. syndicated mystery pgm; VG (J. Davis).
- 3918 S. KOREA. KBC, Seoul. 0915-0925 KK; wk (Sheedy, Reeves). 1130 mx, W in KK (Sztot).
- 3925 JAPAN. NSB, Tokyo. 1301 JJ mx; VG (J. Davis).
- 3925 JAPAN. NSB, Sapporo. 1301 JJ; not // NSB, Tokyo (J. Davis). (Odd situation! BH).
- 3925 PAPUA. Pt. Moresby. 1301 EE nx under the NSB's; F (J. Davis).
- 3930 CAPE VERDE. R. Barlavento. 2156 W in PP. First time in some months (Henderson).
- 3945 BALI & LESSER SUNDAS. RRI, Denpasar (L). Talks, march & Moslem mx (Rvs). (Time?)
- 3945 JAPAN. NSB, Tokyo. Re 3925/3945, on 1/7 // at 0704, 0713; again 1/8 at 0704; again 1/9 at 0700 (Odlin).
- 3945 NEW HEBRIDES. R. Vila. 0740 mx, 0800 FF nx(?), ID; 0837 Is. mx, 0920* suddenly (Field, Sztot, Reeves, Hill).
- 3950 S. AFRICA. SABC. 0435 Afkns; QRM (Heraghty).
- 3952 ENGLAND. BBC. 0624 FF "Ebr," 0630 into Hungarian(?); G (McCoy).
- 3960 W. GERMANY. RFE. 0408 Polish; G. Jammed next night same time (Henderson).
- 3965 UNID. 0220-0235 W in lang, SC mx; VP. Poss Pakistan, but this freq listed Mar-Apr only (Snyder).
- 3966 KALIMANTAN. RRI, Pontianak (L). 1120 Indo mx, 1130 M&W (Reeves).
- 3970 W. GERMANY. DW. 0549 GG, NA, ID, IS; F (McCoy).
- 3975 ENGLAND. BBC. 0130 Hindi, 0200 EE ID, into Persian; 0233 ck EE; F; hams (McNeil).
- 3980 S. AFRICA. SABC. 0130 EL mx, ads; // 3250 (McNeil). 0315 EE, pops, ads (Miller).
- 3995 ASIATIC RSFSR. Vladivostok(?) 1042 RR mx; G (Keith Sztot). 1312 vocals (J. Davis).
- 3995 S. AFRICA. SABC. 0240 EE talk, mx; F; QRM (Estes).
- 3999 GREENLAND. Godthaab. 1015-1145, 2115-0200, lotsa choral, clas mx, lingo talks. Wish they'd get off so I could hear Kendari (Reeves). (Wish Kendari would get off so I could hear Greenland. BH).
- 4000 UNID. 1016-1055 choir singing, M in lang like AA (M. Smith). (Likely Greenland.)
- 4010 KIRGHIZ SSR. Frunze. 0147 unreadable modulation, 0158 silence, 0159 IS seemed 3 notes on organ, then ancts by M&W; 0200 poss Moscow nx (Hill). 1147-1213 RR mx, 1200 nx; diff pgm on 4050 (Reeves, M. Smith).
- 4015 UNID. 1135 EL mx, no talk. Not Peking/4020; not // USSR/4040. Tentative report of an unconfirmed logging of an unID stn (Sztot). (You certain of that, Kev? BH).
- 4020 CHINA. RP. (T) 1110 W in KK(?) nx(?); P (Magne). (L) 2241-2258* M&W talk hrd thru ute. Not an easy LP (Reeves).
- 4030 ASIATIC RSFSR. Anadyr. 1124-1140 flute, M&W talk in typical RR format (M. Smith).
- 4035 TIBET. Lhasa (L). 1110 in probable Tibetan; P (Magne).
- 4040 ASIATIC RSFSR. Vladivostok. 0800 RR nx (Reeves). 1030 RR ID, nx; G (Keith Sztot). 1115 vocals, pops, Mayak format; faint (Magne). 1302 nx, Mayak pgm (Kevin Sztot).
- 4050 KIRGHIZ SSR. Frunze (L). 1114-1204 clas mx, RR; no flutter now (Reeves).
- 4066 UNID. 1120 unusual mx, ancr noted. Asian, but hopeless to ID; faint; ute QRM. RRI, Merauke? (Magne) (More likely Huhehot/4068. Merauke almost nil even here! BH).
- 4080.6 UNID. 1125-1135 SS, relig-type mx, ads, organ mx. Harmonic? (Magne).
- 4110.2 CHINA. Urumchi, Sinkiang (L). 1135 CC, weird mx w/ monotonous steel-type drum & flutes; colorful -- not like couple years ago when only "Mao Top 5" hrd (Magne).
- 4115 CLANDESTINE. VRPRK. 1100 W in KK, soft KK mx, nx(?) (Magne). ins).
- 4151 UNID. 0425 IA-like mx, ancts; P; QRM. '73 survey showed R. Abarao, Bolivia (Robson).
- 4331 CHINA. 1015 rev songs // 4380 (Padula). 1052-1102 march mx, M&W in CC; // 4380 but better (M. Smith). (That's PLA -- my omission. BH).
- 4380 CHINA. PLA. 1023 rev songs //4330 (Padula).
- 4460 CHINA. RP. HS 1303 CC nx by M&W; F; some CW QRM (Sztot).
- 4485 ASIATIC RSFSR. Petropavlovsk (Kamchatka). 1022 RR nx; G (Keith Sztot). 1256 clas mx // 5015, 1258 silence, 1300 pips, Moscow ID; VG (Kevin Sztot).
- 4500 AUSTRALIA. Time Stn VNG. 1000 ID; wkr than // 7500 (Charnes). 1218 pips (Gavaras).
- 4525 CHINA. Silinhot, Inner Mongolia. 1349 M talk, W laughing; P (Snyder). (Let's watch that stuff, Doug; this is a family publication. BH).
- 4545 KAZAKH SSR. Alma-Ata. 0210 M&W seemed RR nx poss // 10530; P (Hill).
- 4552 CLANDESTINE. VRPRK. 1142 KK // 4115, 1400 no EE, runs till 1600* now (Hill, Sztot).
- 4590 UNID. 0410 IA-like mx (mostly instr), low-key M; P; SSB QRM (Robins 12/31).
- 4610 ASIATIC RSFSR. Khabarovsk. As early as 0645; also 1322 M telling story, singing. G; easy to hear (Sztot).
- 4620 CHINA. RP. 1321 W cmtry in CC; G (Sztot). Yamron).
- 4635 TADZHIK SSR. Dushanbe. 0112 RR, piano mx pas 0130 (Gavaras). 1214-1300 RR (Reeves,

- 4656 AZERBAIDZHAN SSR. Baku (L). 2255-2330 W in RR; G some days (Reeves).
- 4662 PIRATE. KHRS, St. Louis. 0341-0345* EE, pops; closing anct gave call, pwr as 25W, "4.7 Mhz on your shortwave dial," CST TC, QTH, said back next night but wasn't hrd (Lineback). 0405 past 0510 on 12/19, \$100 giveaway, "Hit Parade" (Reeves 4667).
- 4679V ECUADOR. R. Nac. Espejo. 0320-0446 lcl mx, ID's (Nebron, McNeil, Agner, McCarthy).
- 4698 JAVA. RKIP, Surabaya. 1118-1133 Indo mx. Rapid FI-FO whenever hrd (Reeves). 1118 Indo mx, 1232 FO; P. My best Indo logging (Yamron).
- 4719 SULAWESI. RRI, Ujung Pandang. 1230 Indo mx, 1300 RRI nx relay, 1310 RRI ID; hrd as late as 1433 (Whitacre, Robins, J. Davis, Reeves).
- 4725 BURMA. Rangoon. (T) 1240 W in Asian lang, native vocals, guitar-like accompaniment (Magne). 1250 W in (assumed) BB, Hawaiian-type mx; F (Robins). 1410 BB(?) (Cabrál). 1413 CC-like lang, SEA mx, 1415*; G (Sztot).
- 4738 UNID. LA 0330, 0415-0545 nondescript (non-Andean) LA mx; low mod (Reeves).
- 4750 CHINA. Hailar, Inner Mongolia. 1313 W in CC nx; QRM de U.S. military net (Sztot).
- 4750V PAKISTAN. Rawalpindi via Islamabad (TBS). 1240 SC mx, AA-like chants, W ancts (Robins). UNID 1240 SEA or Indian songs, 1248 gone (Behr). 1256 R. Pakistan IS, 1300 on in lingo; past 1345 w/ slow Moslem chants. Beware, as both Afghanistan and Bangladesh are also being used this freq around same time (Reeves, Perdue).
- 4751 ZAIRE. Lubumbashi (L). 0410, 2055-2103*, lcl pgsms not // 11863V/15245 (Reeves).
- 4764 SUMATRA. RRI, Medan. 1200 RRI nx, 1229 W in nx(?) (Ross, Sztot, Miller).
- 4765 CONGO REP. Brazzaville. 0510 W in vernac nx(?) // 6115 (Hill). 0530 FF, Af mx; P (Wallace). 2230 FF, lcl mx; F (Corson).
- 4770 LIBERIA. ELWA. *0555 IS, 0559 mx, 0600 EE ID, nx (Sztot). 0745 EE relig pgm, 0810 TC, ID, s/off statement, quick theme at 0812*; QRN pretty awful (Sheedy). 2130-2200 EE sermons, relig mx (Michalenka). 2215 EE ID, relig pgm (Wallace).
- 4771 PERU. R. Cajamarca. 0441 instr mx, TC, semi-positive ID, 0455* Peru NA (Reeves).
- 4772 PERU. R. Ayacucho hrd 2230; move from 9600, where they used to s/on 1000 (Perolo via NU). (Doesn't seem there would be two Peruvians operating 1 kHz apart. BH).
- 4775 AFGHANISTAN. Kabul. 1255 IS, 1300-1310 M&W talks, lcl mx as late as 1345 (Reeves). 1400 EE nx; G (Cabrál). 1607 M&W, likely nx; F/P. Not as good as *0127 (Sztot).
- 4775 COLOMBIA. Em. Kennedy. 0030 SS, 0330 EE relig pgm, SS ID, TC, freqs, 0430* (Rvs).
- 4775 INDIA. AIR, Gauhati. *0129 IS, 0130 pips, nx, 0134 lcl ID, 0135 FO (Sztot, J. Dvs). 1115 TI, 1145 lcl mx, 1215* (Reeves, Ross).
- 4775 UNID. 0445-0540+ M talk in poss Indian lang (Asiatic tones combined w/ SS words). Suspect Bolivia; if so, I hrd every active stn on this freq during Dec. (Reeves).
- 4777 GABON. Libreville. 2130-2222 FF, lcl mx, drama, chants (Wallace, Whitacre, McCarthy, Corson, Courtney, Price, Gavaras, Schwartz).
- 4780 AFARS & ISSAS. (T) 0310 AA, occasional mx; barely audible (Earhart). 0403-0426 FO on 12/26 when most LA's off early; AA chants, tent FF ID, Afar or AA nx (Reeves). 1510 AA; wk sig (Cabrál).
- 4780 ECUADOR. R. Atahualpa. 0410 ID after Carabobo s/off (Field). ID 0502* (Sparks).
- 4780 KARELO-FINNISS ASSR. Petrozavodsk. 1225 W in RR; G/VG (Ross).
- 4780 VENEZUELA. LV de Carabobo. 0050-0150 mx, sports interviews, 0406*; seems irregular (Tuchscherer). 1105 ancts, mx, ads, many ID's (McNeil).
- 4785 AZERBAIDZHAN SSR. Baku (L). 0525-0545 RR & lcl pgsms, incl Farsi chants (Reeves).
- 4785 BOLIVIA. R. Ballivián. Sked 1330-1800, 0015-0145V. New on SW (T. Jones via NU).
- 4785.2 BRAZIL. (T) R. Caiari. 0115-0205 LA mx, "A Voz do Brasil" ID; ute (Tuchscherer).
- 4785V MALI. Bamako. 0640-0802*, 2235-2300+, FF, nx, Af mx // 5995 (Wallace, Sparks, Earhart, Sheedy, Schwartz, Whitacre).
- 4788 TURKS I. VS18. 0135, 1210-1440 FO (12/25), 2016 FI-0036V*, EE, hit-parade pops, frequent ID's, BBC nx (McNeil, Reeves, Yamron, Cress, Hauser, Lineback, Whitacre, Tuchscherer, Price, Gavaras, Behr, Robins, Courtney). (This used to be DX! BH).
- 4790V PERU. R. Atlántica. 0230-0247 (Powers) 0432-0448 (Patterson) 0550 past 0600 (Wallace, Sztot, Word), LA pops, ID's; G.
- 4793 ECUADOR. LV de las Carás. 0505 "Radio Discoteco," 0515*; F (McCoy).
- 4795 BRAZIL. R. Tabajara. *0358 after ID, freqs, pwr, short instr mx; VG (Reeves).
- 4795 CONGO REP. Brazzaville. *0430 past 0605 // 4765 but not // 4843 (Reeves).
- 4800 CHINA. RP. 1326 HS I; fax QRM but F/G (J. Davis). 1430 TI - 1730* (B. Davis).
- 4800 INDIA. AIR, Hyderabad. 1205 Hindi mx, 1230 pips, EE nx from Delhi, 1245A lcl lang talks. Prob easier to hear ECNA because China FO (Reeves). (Amen! BH).
- 4800 LESOTHO. Maseru. *0400 NA, W in lang, Af mx; 0415 lang mx; faded by 0430. Much LA QRM (Robins, Wallace, Henderson 4800.4).
- 4800 VENEZUELA. R. Lara. 0048 ID, LA mx; F (Slaff). 1102 ID, coming in like lcl (Word).
- 4804 KENYA. Nairobi. 1940-2110* on 12/25, peak 2050, M&W talks, lcl mx (Reeves).
- 4806 BRAZIL. Rdf Amazonas. 2330 PP DJ, EE & Braz mx; Norte on later (Reeves).
- 4807 DOMINICAN REP. R. Norte. 0450-0700 pops, ads, etc. (Patterson, Sheedy, J. Davis, Hauser). McNeil, Tobin).
- 4810 GALAPAGOS IS. LV de G. *1200 mx, ID, 1205 anthem; wk by 1250 (Behr, Reeves, Yamron, S. AFRICA. SAB. Springbok R. 0400-0433, 2035-2200*, EE, ads, request pgsms, ID's (Tobin, Russell, Schwartz, Patterson, McCarthy, Wallace, Earhart, Whitacre, Lovett).
- 4810 VENEZUELA. R. Popular. 2305-2320 ancts, many ID's; F/G (Powers).
- 4815 CHINA. RP. *1600 "Govorit Pekin," 1602 RR nx, jammed; // 4882; VG (Sztot). ers).
- 4815 UPPER VOLTA. Ouagadougou. *0600-0736, 2159-0000*, FF & vernac, lcl mx (14 report-ers).
- 4820 GAMBIA. Banjul. 0625 chants, talks; 0635 killed by RTTY (Wallace).
- 4820 HONDURAS. LV Evangélica. 0346-0358 EE relig, ID (Patterson). 0455 EE (Heraghty).
- 4825 DOMINICAN REP. LV de las Fuerzas Armadas. 0255 ID, EL pops; G/E (Courtney).

- 4825 ECUADOR. R. Luz y Vida. 0450-0501 Andean mx, talks (Price). 0520 talk (Wallace).
- 4825 PERU. LV de la Selva. Andean mx, W ancr, ID 0609* (Sparks). 0647 ID, W DJ w/ variety of mx, 0648* abruptly (Robins).
- 4825 (T) TURKMEN SSR. Ashkhabad. *2230 IS, into KK; P (Mayer).
- 4825 UKRAINE SSR. Kiev. 2000 Moscow IS, ID; F (Henderson).
- 4825 ASIATIC RSFSR. Vladivostok. 0649 W in CC, RR-type mx; F/G (Sztot).
- 4830 CHINA. Shenyang, Liaoning. 1349 W singing backed by CC rhythm mx; G (Sztot).
- 4832 COSTA RICA. R. Capital. 0100-0200 talk, LA mx; G (Dorbert). 0532 ID, TC (Slaff).
- 4835 GUATEMALA. R. Tesulutlan. 0030-0301*, 1227, SS & Indian lang, marimba mx, ID's & TC's (Lineback, Hauser, Reeves, Robins, Miller).
- 4835 S. AFRICA. SABC. 0435 EE, clas mx; E (Estes). 1800 EE ancts (Willis). 2200* (Whit-
- 4839 PERU. R. Andahuaylas. 0415-0420V*, Andean mx (Reeves).
- 4839 ZAIRE. Bukavu. 2040 native mx; G (Henderson).
- 4840 CHINA. PLA. 1017 CC mx, W in CC; G (Keith Sztot).
- 4840 VENEZUELA. R. Valera. 0325 ID (Robins). 1058 many ID's, mx (Word). 1155 TC's, ancts, SS mx, ID's; G (Sztot).
- 4843 CONGO. Pte. Noire (T). After 0430 in regional net; also 2015-2115 FF/vernac (Rvs).
- 4845 BOLIVIA. R. Fides. 0055 ads, 0100 ID, world mx, 0121 TC, economic rpt (Sheedy).
- 4845 BOTSWANA. Gaborone. *0400 IS, anthem, ID by W, M in vernac, Af mx (Sparks).
- 4845 MALAYSIA. Kuala Lumpur. 1210-1330, Ambon under (Reeves). 1345 lang, drama (L'back).
- 4845 MALUKU. RRI, Ambon. 1312-1400*, ID 1358 (Miller, Perdue).
- 4845 MAURITANIA. Nouakchott. 0705-0800*, 2050-2300*, AA chants, mx (11 reporters).
- 4850 CHINA. RP. 1351 CC; again 1558 W in CC (slow-speed mx?); stn under (Sztot).
- 4850 DOMINICAN REP. R. Clarín. 0042-0735, 2215, SS, U.S. pops, LA mx (8 reporters).
- 4853 (T) BOLIVIA. R. Centenario. 0055-0107 alternating M&W DJ's, mentions of Santa Cruz
- 4854 (T) MOZAMBIQUE. RCM, LM. 2049 PP by W; VP (Henderson). (Sheedy)
- 4855 MAURITIUS. 1800 BBC mx over Mozambique; seems settled on this freq for now (Willis 12/5). 2015-2030 FF talks, Af-style pops; on late for New Year (Padula 12/31).
- 4860 ASIATIC RSFSR. QTH unknown. 1304-1345 clas mx, W in RR (Reeves). 1552 same (Sztot). (TBS says Chita inactive, but others listed here unlikely due sked or geography.)
- 4860 PERU. R. Chinchaycocha. Mx pgm to 0545*; best ever hrd here (Field 12/15).
- 4860.5 (T) INDIA. AIR, Delhi. 1615-1625, 1630-1636 TO, SC mx; P (Williams).
- 4863.5 BRUNEI. Berakas (L). 1403-1432 soft instr mx; pretty late (Reeves 12/25).
- 4865 AZORES. Ponta Delgada. (T) 2135 Af xylophone mx; bad QRM de SS-spkr (Wallace). 2230-2300 PP talks, mx, ID; F (Whitacre).
- 4865 CHINA. Lanchow, Kansu. 1549 CC chorus; G (Sztot).
- 4865 COLOMBIA. LV del Cinaruco. 0453 SS, Xmas mx, CARACOL nx; F (McCoy).
- 4865 MOZAMBIQUE. RCM, L.M. 1635-1642 vernac, pops (Hill, Williams). 1758 same (Willis).
- 4870 DAHOMY. Cotonou. *0510 cycle tone, FF, drums, NA, ID (Wallace). 0522 vernac, Af mx (Schwartz). 2154-2305* native singing/chanting, FF ancts, interview (Whitacre).
- 4870 VENEZUELA. R. Tropical. 0130 in net for President's speech (Mayer). Running all night 12/23 thru 12/25, usual stuff (Reeves).
- 4871 W. IRIAN. RRI, Sorong. 1235 Indo talk (poss mx), mentioned Irian Jaya; F (Robins). 1330 W in Indo, lcl mx, 1358 ID, "LA," 1402* (Lineback, Reeves).
- 4875 BOLIVIA. R. La Cruz del Sur. 0930-1000 SS relig talk, instr mx, ID (Courtney). (T) 1036-1051 SS, fast mx (Gavaras). 0227 SS, 0301 EE info re freq, sked, address, etc., then 0302* (Cress). 1030 choral mx, full ID; G but fading (Estes).
- 4875 BRAZIL. R. Jornal do B. 0310 PP, Braz mx, 0400 mx by W; SABC QRM (Mayer).
- 4875 S. AFRICA. SABC. 2105-2145 EE, ads, ID's, TC's (Powers, Whitacre). (J. Davis).
- 4877 S. VIET NAM. Saigon. (L) 1249-1311 W talk, SEA mx (Reeves). 1332 VV w/ flute mx
- 4880 PAKISTAN. Islamabad. 1300 EE mx by M one day, W another; clear ID's (Perdue).
- 4880 VENEZUELA. R. Universo. *0959 s/on ancts (Sztot). 1045 ID (Word).
- 4880 ZAIRE. Kinshasa. 1300-1320 FF, Af mx; P (Schwarz).
- 4882.5 CHINA. RP. *1700-1755* RR; strong but usually jammed (B. Davis).
- 4885 ASIATIC RSFSR. Novosibirsk. Reactivated; hrd 1545-1715, 2310, 0005 (DSWCI).
- 4885 KENYA. Kisumu. 1940-2015* Swahili mx, W in lang; also 0403-0415 chants (Reeves).
- 4885 UNID. FF-spkr. 0545 FF, W. Af mx; squeezed. Not Zaire, Senegal or Kenya (Reeves, Henderson).
- 4886 (T) ANGOLA. Teixeira da Sousa. 2156 PP, Af mx, chimes (Miller).
- 4887 BRAZIL. R. Pioneira de Teresina. 0815-0835 PP ancr, other men seeming wisecracking w/ one another; pop Braz songs, ads. Strong for 1 kW (Earhart).
- 4890 HONDURAS. R. Lux. 0104-0313*, ads, SS mx; no YV on 12/14 (Reeves, McCoy).
- 4890 PAPUA. Pt. Moresby. 1120-1401*, EE, clas mx, ABC & lcl nx (McNeil, M. Smith, Schwartz, Zilmer, J. Davis).
- 4890 SENEGAL. Dakar. 0605 FF ID; het, splatter (Wallace).
- 4890 VENEZUELA. Rdf v. 0338-0359*, talks, U.S. pops, NA* (Powers). 0430 ID (Schwartz).
- 4895 CHINA. Hailar, I.M. 1200 "EIR." Not in TBS (Ugase via DSWCI).
- 4895 TURKMEN SSR. Ashkhabad. 1138 RR mx, 1200-1215 RR nx by M&W; had lcl ID 1200; FO 1304, No flutter (Reeves).
- 4895 UNID. Around 1938 to 2000* or 2105*, sometimes 2230, daily 0400-0445, PP & poss vernac. Likely both Beira and RC do Bie, but not strong enough for ID (Reeves).
- 4896 MOZAMBIQUE. RCM, Beira. 0405 Af mx, vernac (Yamron). 0408 drums, Afkns ads (Hen.)
- 4900 BURUNDI. R. CORDAC. After Venezuela s/off, 0405 relig choir, native mx, FF, ID (Field, Henderson, Wallace, Robins). 0500 EE (Henderson 1/4).
- 4900 CHAD. N'djamana. 2015-2130* on 1/1 only; next day back to 4904.5 (Reeves, Mayer).
- 4900 ECUADOR. R. Libertador. 0425-0515 nice Andean mx, some ID's (Tuchscherer).

- 4900 SULAWESI. RRI, Gorontalo. 1345 "Silent Night," 1400 RRI IS, ID, nx (Sparks).
- 4900 VENEZUELA. R. Juventud. 0340 EE mx (Nebron). 0400 special 1/1 pgm // other YV's
- 4904.5 CHAD. N'djamana. 2130-2300 FF, native mx (Wallace, Whitacre, Schwartz). (Reeves).
- 4907.5 CAMBODIA. Phnom Penh. 1320 in lang; G (Cabral).
- 4910 ECUADOR. Em. Gran Colombia. 0450 LA mx, ID's; G (McNeil). *0557 (Ross).
- 4910 GUINEA. Conakry. 0415-0650, 2230, vernac, FF, weird lcl mx (Henderson, Lineback, Ross, Reeves).
- 4910.5 ZAMBIA. Lusaka. 0406-0442 DJ's in vernac, phone requests, ads, ID; Ecuador no problem (Sheedy). 0425 Af lang, hilife mx, nx, sev ID's (Sparks).
- 4915 CHINA. Nanning, Kwangsi. 1330 CC ID, then EE spelling lessons. Used to s/off 1230. Former // 8759V (Peihai) not hrd here any more (Hill). 1354 CC; G (J. Davis).
- 4915 GHANA. Accra. 0600 EE ID, nx, 0617 vernac repeat of EE nx (Gavaras, Sheedy, Heraghty). 0700-0800 EE ancts, LP. Odd for summer (Willis). 2145 lang relig (Zilmer). 2306* EE ID, NA; G (Wala).
- 4915V KASHMIR. Azad K. *1159 usually by W, then M, seemed Urdu; clear ID's, then Moslem chants. Hrd 11/10, 12/7-10, not since. This freq no longer used by them (Reeves).
- 4915 KENYA. Nairobi. 0310 Swahili talk, 0328 ID (Robins). 0410 (Henderson) 0420 Swahili, 0430 ID, lcl tunes; P (Mayer). 1518-1616 FO, Swahili, nat mx, ads (Snyder, Hill). 2256-2306* Swahili ancts, chorus (Sheedy). (Wanna bet that isn't Chana? BH).
- 4917.2 VENEZUELA. Rdif V. 0130 (Behr) 0357* (Reeves), here 12/13-14 only; now 4890 again.
- 4920 AUSTRALIA. Brisbane. 1000-1015 EE, lcl nx, wx (Nebron). 1305-1310 FO, EE nx; P (Gress). 1338-1403 EE (M. Smith).
- 4920 HONDURAS. R. Progreso. 0030-0035 ID's, mx (Powers). 0455 pops, ID (Lovett). 0600 siren welcoming in 1975 (Hauser). 1159-1210 ranchera mx, talk, ads (Patterson).
- 4920 INDIA. AIR, Madras. 0058 W in lang, 0100 M in nx, 0105 W ID, into SC mx; 0135 FO unless Honduras wipes them earlier. EE hard to understand (Sztot).
- 4920 UKRAINIAN SSR. Kiev. 1750 HS pgm; readable after Madras 1735* (Willis). 2000 Moscow FS in German; maybe // 4825 (Henderson).
- 4920 UNID. 1304-1345 talk, clas mx; muddy sig. Must be new Asiatic RSFSR (Reeves).
- 4923.5 MOZAMBIQUE. RCM, L.M. 0320 EE nx, R&R mx, DJ, requests (Yamron, Sheedy, LaCroix). 1618-1632 pops, ads, EE ID; P (Williams). 2202 EE ID, "good night" (Henderson).
- 4924.5 MANCHURIA. Harbin. 1610 CC by W; VG (J. Davis). 2200 CC, 2220 mx; unusual (Behr).
- 4925A INDIA (?) 1400-1415 lcl mx, lang, EE AIR ID. Not 4920! (Perdue). (No ideas here!)
- 4926 EQUATORIAL GUINEA. *0441, drum IS, Af mx, SS, ID (Henderson, Wallace, Corson, Cabral). (T) 2207-2220 lang ancts, continuous Af mx, maybe late for 1/1 (Lineback).
- 4927 JAVA. RRI, Jambi. 1210 Indo mx, talk; P (Yamron).
- 4930 ECUADOR. R. Casa de la Cultura. *1100 bell or chime IS, like Big Ben (Ross).
- 4930 USSR. Unid RR 0410 talk, 0415 wakeup exercises (Henderson).
- 4932 JAVA. RRI, Surakarta. 1200 RRI nx (Ross). 1215 Western mx (Yamron). 1310 Oriental mx, Indo talks (Miller). Unid 1331 lang, EE Xmas mx; P (Lineback).
- 4932 NIGERIA. NBC, Benin City. 0520 Af mx, talks, lots of QRM (Wallace).
- 4935 PERU. R. Tropical (not R. Cinco). 0315 mx, ID's to 0400* (Behr).
- 4937 BRAZIL. R. Poti. 0400 pops, PP ID, 0431*. Up from 4934.5 (Behr, Reeves).
- 4940 ASIATIC RSFSR. Yakutsk. 0955 RR, RR mx; G (Keith Sztot). HS I 1430 TI - 1700*; F/G at first, P by 1600 (B. Davis).
- 4940 (T) KIRGHIZ SSR. Frunze. 0004 RR nx by M&W, 0010 TO. Fits Frunze sked (Kevin Sztot)
- 4940 IVORY COAST. Abidjan. 0600-0800 FF via LP (Willis). 2100 FI - 2400*, FF, Af mx, vernac, singing (Whitacre, McCoy, Schwartz, J. Davis). 0001* on 12/15-16 (Sheedy).
- 4940 UKRAINIAN SSR. Kiev. 0405 clas mx, 0416 chimes, W in UU (list) (Reeves).
- 4945 COLOMBIA. R. Colosal. 0443-0551 LA pops, TC's, ID's (Patterson, Krause, Slaff).
- 4950 SARAWAK. Kuching. 0951 CC, mentions of Malaya, Indonesia, 0955 ID, mx (Sztot).
- 4951 ZAMBIA. Lusaka. 1620 native, seemed sporting event; past 1635. Earlier misID'd as Kenya (Hill). 1625-1700 political speeches in vernac, EE (Williams).
- 4955 COLOMBIA. 0010 ID (Slaff). 0050-0100 EE lang lesson (Price). 0420 clas mx (Patterson)
- 4955 SUMATRA. RRI, Banda Aceh. 1235 Indo singing, talks; strain lvl (Yamron).
- 4960 ECUADOR. R. Fed. Sucúa. 0015 kids' radio play, ID (Reeves). 1130 SS, a cappella singing (Hauser). 1138 Indian lang, IA & Ec mx (McCoy).
- 4965 COLOMBIA. R. Santa Fé. 0225 (Heraghty) 0420-0445 (Krause) 0605 (Slaff) 0615 (Wallace), nx, ID's, IA mx.
- 4970 SABAH. Kota Kinabalu. 1445 M&W lang talk; G (Cabral).
- 4970 VENEZUELA. R. Rumbos. 0150 (Heraghty) 0450-0505 (Patterson) 0909 (Keith Sztot), LA mx, talks, ID's, etc.
- 4972 FR. GUIANA. Cayenne. 1017 W in FF, pops, 1031 nx(?) by M; no ID (LaCroix).
- 4972 CAMEROON. Yaoundé. 2225 FF nx; QRM from YV (low) & RTTY (high) (Hauser). Davis.
- 4975 ASIATIC RSFSR. Blagoveshchensk. HS I (Siberia version) 1430 TI - 1600*; P (B. Davis).
- 4976 (T) PAKISTAN. Karachi. 1604 EE dict nx, poss ID, Pakistan mentioned (Williams).
- 4980 GHANA. Ejura. *0530 EE, vernac, wx, ads (B. Davis, Wallace, J. Davis, Tobin). 0745 EE ancts; E via LP (Willis).
- 4980 SWAZILAND. SMR. 0400 after YV*, pops, jingles, DJ patter, all-EE, past 0500 (16 reporters). Again 1615 past 1700 (Williams, Hill).
- 4980 VENEZUELA. Ecos del Torbes. 0320 read letter from U.S. (Lovett). 2339 ID (Slaff).
- 4985 ANGOLA. R. Eclésia. *0400 relig & lt orch mx, 0445 relig svc (Henderson, Yamron).
- 4985 MALAGASY REP. Tananarive. 1750 Malgache ancts; E // 3232 (Willis).
- 4985 (T) MALAYSIA. Penang. 1355-1400 EE, Xmas mx; unreadable (Lineback).
- 4985 SULAWESI. RRI, Ujung Pandang. 0944 Indo pops, 1000 ID (Padula).

- 4990 CHINA. Changsha, Hunan. 1350 CC, mention of Changsha; G (J. Davis).
- 4990 NIGERIA. NBC, Sogunle. 0430-0435 EE, pgm ancts, sked; G (Lineback). 0450 vernac, ID, 0500 nx; F (Wallace). 0600 EE nx (lcl/world), mx; P (Buccola). 0610 church mx on Sunday, EE ancts; G (Szt). 2215A nightly, EE, lcl mx; P/F (Whitacre).
- 4990 VENEZUELA. R. Barquisimeto. 0015-0030 mx, ID; strong (Brunner). 0420 ID (Krause).
- 4995 BRAZIL. R. Brasíl Central. 0859 PP, song, ads to 0905; F (Earhart).
- 4995 N. VIET NAM. Hanoi(?) UNID VV 1100-1550+; poss Tay Bac (x-4770) (Willis). (Could be, but I've hrd it // VoV/7512. BH). 1417 VV; hvy WWV QRM (J. Davis).
- 5005 SARAWAK. Kuching (Sibu). *1000 Malay ID, into iban talks (Padula).
- 5005 UNID. 2158 to 2215 FO, mx, seemed W ancr in unk lang. Good Africa day (Field 12/14)
- 5010 CAMEROON. Garoua. 2035 FF, Af rhythms; pwfl (Michalenka). 2153-2201* native mx, M in lang; VP (Whitacre).
- 5010 COLOMBIA. Em. Surcolombiana. 0125-0140 (Brunner), 0358 (J. Davis), 0402-0415 (Sheedy), 0459 (Miller), 0540 (Wallace), 0912 (Ross), SA mx, old R&R, ID's, ads, etc. 1130-1136; nice & clear; prob best time for report (Earhart).
- 5010 SINGAPORE. RS. 1315 EE nx, talk // 5052; strong (Cabral).
- 5015 ASIATIC RSFSR. Vladivostok. 1212 M&W in RR, lite orch mx; VG (Ross).
- 5015 BRAZIL. (T) Rdif de Poços de Caldas. 0200 R&R, PP ancts, few ads, no ID (Robins).
- 5015 EUROPEAN RSFSR. Arkhangel'sk. 2230 RR, ID; gone by 2245; lots QSB (Wallace). 1301-1319 RR, clear ID for Leningrad (M. Smith). (Leningrad pgm always carried from non-Leningrad xmtrs. This is either Arkhangel'sk or Vladivostok, BH).
- 5015 GUENADA. RG. 2329-2345 EE, ID, lcl nx (Schwartz, Tobin, Word).
- 5015 UNID. FF-spkr 2002 mx, 2003 FF, 2005 Af vocal mx; QRM. Been hrd for months (Rvs).
- 5018V PAKISTAN. RP. 0137 lang, 0145 chants, 0150 W lang ID, 0207 FO; // 7095 (Williams).
- 5020 NIGER. Niamey. *0528-0631*, 2100-2204*, FF, Af mx, ID's, jazz, relig (Wallace, Corson, Earhart, Ross, Schwartz, Behr, Sheedy, Michalenka, Whitacre, McNeil).
- 5025 ANGOLA. RC da Huila. 2200 PP ID, songs (PP & lcl); P (Mayer).
- 5025 ECUADOR. R. Splendit. 0000 lcl & Xmas songs, 0033 ID; F (Zilmer). (Bob, TBS says this hasn't been reported in 2 yrs; Quillabamba dominates freq. See below. BH).
- 5025 PERU. R. Quillabamba. 0255 relig mx, 0300 sev ID's (Wallace). 0300-0305* NA, ID's (Tuchscherer, Sparks), 1021 Andean mx, 1035 ID (Earhart). 2306 mx, 2310 ID (Cress).
- 5026 UGANDA. Kampala. 2058 EE, 2106 lost; VP (Gavaras). 2100 nx, mention of Gen. Idi Amin; 2105 lang, 2110* EE ID, NA. VP/P. Long wanted! (Robins).
- 5027 BRAZIL. (T) Rdif de Aquidauana. 0837-0849 PP, instr mx; F (Earhart).
- 5030 ANGOLA. RC de Cabinda. 2115 PP, singing ads(?), PP pops sung & played (Miller).
- 5030 DOMINICAN REP. LV del Papagayo. 0501-0615 ID's, LA mx (Tuch'er, Courtney, Robins).
- 5030 (T) SARAWAK. Kuching. 1325-1355 lang, lcl mx, ment Kuching, Sarawak; P (Perdue).
- 5030 VENEZUELA. R. Continente. 0422 mood mx, 0425 ID/TC (Hauser).
- 5035 KAZAKH SSR. Alma-Ata. (L) 1234 M&W RR, mx, 1309 FO; no 60MB //s; not reg (Reeves). (T) 1320 SC mx, 1327 IS of 17 notes on vibraphone, 1330 poss RR by M&W (Perdue).
- 5037 PERU. R. Ilo. 0500 Andean mx, ID; some het. Nominal freq 5035 (Wallace).
- 5038 CENTRAL AFRICAN REP. Bangui. 2046-2056 native mx, FF (Earhart). 2225 Af mx, FF, ID, 2301* NA (Wallace, Hauser). 0457 songs, 0501 ID (Sheedy).
- 5039 BURMA. Rangoon. 1145 BB, lcl mx // 4725 (M. Smith, Perdue, Miller, Robins). 1445 EE nx; F/G (J. Davis). (Freq quotes vary 5038-5040. BH).
- 5039 SUDAN. Omdurman. 0401-0407 AA Koran readings, prayers; P (Estes). 0435 nx, 0446 singing ads(!), 0448 pop mx theme, talks; not // 7200 (Hauser). 2005 AA (Padula).
- 5040.5 PERU. R. Libertad de Junín. (T) 0555 Andean mx, no positive ID (Wallace). 0833-0836 dedication pgm, frequent ID's, TC's, Oriental-sounding Andean mx (Sheedy).
- 5043V GUINEA-BISSAU. Bissau. 0745-0915 long PP & vernac speeches, ID's, mx (lcl & pop); F (Reeves, M. Smith).
- 5045M COOK IS. Rarotonga. *1627 OC, 1629 vy faint drum-type mx, 1630 " . . . Broadcasting Corporation"; into EE(?) nx; 1636 RTTY wipeout. P throughout (Szt 12/26). (A very nice bit of work there, Kevin -- congratulations! BH).
- 5047 JAVA. RRI, Yogyakarta. 1158 "IA," 1200 RRI nx in Indo, 1229 IS of bird call, then ID; 1258 theme, 1300 pips, nx (Ross, Miller, Lineback, Yamron, Robins).
- 5047 TOGO. Lomé. 0035-0302* (12/25 & 1/1), *0525-0805*, 1905-0000+, FF, ID's, Af mx, nx; G/VG as usual (14 reporters).
- 5050 TANZANIA. Dar-es-Salaam. 0315 Swahili, Af & lite mx, 0320 ID, more talk; 0400 poss EE ID; hrd past 0430; seemed // Zanzibar/3339 (Tuchscherer, M. Smith, Reeves, Robins, Lineback, Hauser). Again 1944 (Reeves).
- 5052 SINGAPORE. RS. *2230 NA, EE ID, stn info, orch mx to 2250 TO; F (Schwarz). (A vy unusual and nice LP logging, Ken! BH).
- 5057 ALBANIA. Gjirokastr (Tirana HS). *0500 nx in Albanian, 0530 TC, wakeup exercises, variety of mx; 0600 more exercises (Reeves, Henderson, Magne, Charnes, Michalenka, YEMEN PDR. Aden. 1635 AA anct (Willis). 2048 AA, mx (Padula). Earhart).
- 5060 ANGOLA. RC do Huambo. *0500 bird-chirps IS, NA, gong, PP; G (LaCroix).
- 5060 ECUADOR. R. Progreso. 0306 dedications, 0315 ID. Down from 5062.5 (Sheedy).
5065. KARELO-FINNISH ASSR. Petrozavodsk. 0330, 0510, 1225-1345, RR talks, piano mx; all // 4780. Also 1100 nx (Reeves, Magne, Ross, Tuchscherer).
- 5075 COLOMBIA. R. Sutatenza. 0022 SS, ID (Slaff). 0132-0200 GG interview, 0200 SS ID, poss NA (Brunner).
- 5090 CHINA. RP. 1335 CC; F (J. Davis).
- 5095 COLOMBIA. R. Sutatenza. 0020-0400 SS relig, LA mx, ID's (Powers, Tobin, Krause).
- 5126 CHINA. RP. 1158 CC mx, 1200 pips, CC ID for Peking, nx; also 1256; G (Szt).

- 5145 CHINA. RP. *1201 "EIR," M&W in Mongolian nx(?); G (Sztot).
- 5163 CHINA. RP. 1035 M&W in CC, vigorous cmtry, CC rev mx (Magne). 1206 CC song (Sztot).
- 5192 ANGOLA. RC do Mexico. *0530 chimes/bells IS, "AP"; F (Henderson 12/27).
- 5240 (T) CHINA. PLA. 1018-1044 CC, choral mx // 5170 (Earhart).
- 5250 CHINA. RP. 1252 EE(?), march mx, kid talking, singing, crying; 1255 NA (Sztot). *2300 SS nx, ID; good via LP (Mayer).
- 5255 ASIATIC RSFSR(?) 1250-1305 talk in lang, 1300 IS (Tuchscherer). 1315 lang on USB, 1329 Moscow ID, 1330 IS. ID sounded like "Da Maskovy" (Hauser).
- 5265N CHINA. PLA. *1000 CC past 1120, // 5170 but stronger (Earhart, Magne).
- 5290 ASIATIC RSFSR. Krasnoyarsk. 0210-0223 FO, RR by M&W, piano interludes (Reeves).
- 5338.3 SAO TOMÉ, ERSTP. Newfreq, x-4807. First hrd 12/14. Sked *0600-0001* (0101* on 1/1). Many PP ID's, pop mx; many mentions of Angola (fooling some on ID) (Mayer, Henderson, Hauser, Sparks, Reeves, Magne, Williams).
- 5545 CHINA. RP. 1213 CC mx, Tagalog talk; P (Sztot).
- 5773 UNID. 1217 W in CC-type vocal; CW QRM (Sztot).
- 5804.5 YEMEN ARAB REP. Sana'a. 0335-0410 AA talk, mx (Earhart). 0423 ME mx, AA anct; QRM (Hauser). 1420 AA mx; LP; wk (Cabral).
- 5816 PERU. LV del Altiplano. 0400 ID, ancts, mx. First time hrd after 50 tries (Tuch.)
- 5849 CHINA. RP. 1220 Mongolian // 5145; G (Sztot).
- 5855.5 SUMATRA. RRI, Pekanbaru. 1215 Indo(?), lt mx, 1230 talk, no ID (Tuchscherer).
- 5860 CHINA. RP. 1224 W in CC, 1228 Commie NA, 1230 ID (Sztot). 2255 W in CC, 2259 pips, 2315 TO (Hauser, Estes).
- 5868V CLANDESTINE. V of Iraqi Kurdistan. 1900-1920 EE // 10050V (Rengel via SCDX).
- 5873 HONDURAS. LV de H. 1233 ads w/ ECHO-ECHO-Echo-echo effect (Sztot).
- 5900N ISRAEL. IBA. *0500 EE, 0515 FF to NAm // 7395, also *2000-2055 EE (Magne, Hauser).
- 5900 ASIATIC RSFSR. R. Moscow, QTH unk. 1230 lang, mx (Zilmer).
- 5910N E. GERMANY. RBI. 0458 ID, said EE to WCNA, 0500*; horrible QRM. X-5955? (Magne).
- 5910 UKRAINIAN SSR. Kiev. 0032 EE talk on friendship between USSR/Romania (Slaff).
- 5930 CZECHOSLOVAKIA. Prague. 1715 indicating opening of low end of 49MB here (Magne).
- 5949.5 MANCHURIA. Harbin. 1015-1018 W screaming or singing in CC; F (Snyder).
- 5950 GUYANA. GBS Action R. 0015 Xmas carols, EE patter, ads, 0034 ID (Hauser). 0815 Islamic relig pgm in EE, 0825 Hindi songs, TC's; 0945 EE nx; 1140 FO. Next day (12/24) back on 3290 (Behr, McCoy, Reeves, Hauser).
- 5950 PAKISTAN. Islamabad. *1315, again 1620 after EE nx. Repl 9690 (Willis).
- 5951.4 COLOMBIA. R. Súper de Medellín. 0230 talk, lcl mx (Zilmer). 0520 ID, into creaky SS MOR romantic mx. Only thing "super" about them is their sig (Sheedy). 0840-0848 Latin pops, sev ID's; 0845 VOA QRM (Earhart). Davis).
- 5955 ASIATIC RSFSR. Vladivostok. HS II (Mayak) *1000-1700*, *1800 to 1830-1900 FO (B. Davis).
- 5960 ASIATIC RSFSR. QTH unk. *0800-1030 JJ, 1030-1400* CC, *1800-1830/1900 FO (B. Davis).
- 5960 CANADA. CBC. 0005 EE nx; abnormal LP recep (Padula). 0204-0235 FF & Eskimo (Fino). 0500 EE nx, sports (Talbot).
- 5960 HONDURAS. LV de Occidente. 1415 ID (Hauser). 2330 Mex mx, ads, ID (Behr).
- 5965 HUNGARY. Budapest. 2143 EE, no sign of R. Nederland (Hauser 1/9).
- 5965 NETHERLANDS. R. Ned. 2128-2140 EE, IS, ID, world nx (Tuchscherer). Davis).
- 5970 ASIATIC RSFSR. Khabarovsk. All Mayak *0700-1700*, *1800-1900 FO; 5955 better (B. Davis).
- 5970 DOMINICAN REP. RTVD. 2228 "Typewriter Song," ID, talk, mx (Zilmer).
- 5970 ECUADOR. HCJB. 0115-0200 "Call of the Andes" (Keith Sztot, Trautschold, Talbot).
- 5977.5 PARAGUAY. R. Guairá. 0800 Parag mx, SS & Guaraní ancts, ID's, 1000 FO. Daily in mid-Dec., gone now; maybe off air (Behr).
- 5978.5 BOLIVIA. R. Panamericana. X-6035, now here -- don't confuse w/ Peru's R. Panamericana on 5980! 0158 nx, ads, 0305 full ID, 0500* (Hauser, Field, Behr). *1005 (Behr).
- 5980 SABAH. Kota Kinabalu. 1535 Malay, mentions of R. Malaysia; P. Not // 4970, which I don't think was Sabah (Sztot). (Urumchi listed there now. BH).
- 5980 SIERRA LEONE. Freetown. 0628 closing anct "Test BC from new smtr" in EE/FF, asked for reports (Hauser). 0750-0900 EE, ID's, TC's, mx (Sheedy, Behr, Talbot, Ross).
- 5980 S. AFRICA. SABC. *0258 EE; E. 7270 also audible (Willis). ia).
- 5985 NEW BRITAIN I. Rabaul. 2345 lcl pgm, pops, ID/TC. Rare via "E" propagation (Padula).
- 5987 SULAWESI. RRI, Menado. 1158 beautiful Indo mx, gong, past 1330; NIK QRM (Yamron).
- 5990 JAPAN. RJ. 1500 EE nx (Tuchscherer). 2055 SS to Eu. X-9710; QRM (Padula).
- 5990 RUMANIA. Bucharest. 0204-0226* EE; F. Rarely hrd. // 6190 (Hauser).
- 5995 (T) BRAZIL. R. Gazeta. 0735 PP, some mx; P (Wallace).
- 5995 MALI. Bamako. 2219 FF, Af mx, 2358* (McCoy, Zilmer, Padula).
- 5995 MARTINIQUE. Fort de France (I). 1043-1130 FO, FF talks. Over Australia (Reeves).
- 6000 HUNGARY. Budapest. 0013 ID, 0015 HH, still audible 0059 (10:59 AM lcl! (Padula).
- 6000 NETH. ANTILLES. R. Ned. 0030 DD to NAm; X-9590. Abnormal sigs (Padula).
- 6005 ASCENSION I. BBC. 1700-1715 BBC EE world nx; G (Dorbert).
- 6005 AUSTRALIA. RA. 1305 EE nx; F (Levy).
- 6005 BOLIVIA. R. Progreso. 1010 Boliv mx, Aymará anct, SS ID; F (Behr).
- 6010 ASIATIC RSFSR. Sverdlovsk. HS I 1430-1700 FO; has polar flutter (B. Davis).
- 6010.5 PERU. R. América. 1115-1145 LA mx, ID // 9506 (Reeves).
- 6014.8 PARAGUAY. RP. *0825 mx, full SS ID; 0900 mostly ads, 1000 nx; Brazil QRM (Behr).
- 6015 ASIATIC RSFSR. QTH unk. Mayak 1430 TI to 1530/1630 FO. Not strong; polar fade (B. Davis).
- 6015N SWEDEN. RS. 1230-1300 EE, 1300-1330 SS. Test // 9605/9630 (Willis). Davis).
- 6025N HUNGARY. Budapest. 1630 Turkish; is 250 KW (Willis).
- 6025 (T) KUWAIT. KBTs. 1643 AA chants, ancts to sudden 1654*. Kuwait via LP? (Hill).

- 6025 NIGERIA. NBC, Enugu. 0555 Af mx, vernac ancts; 0600 EE ID, nx (Sparks).
 6025 PARAGUAY. R. Nac. *0900 ID, nx, songs (Sparks, Reeves, Behr, Sztot).
 6030 IRAQ. Baghdad. 1615 HS in AA; really big sig (Willis).
 6030 JAPAN. RJ. 1315 CC, 1343 ID, into clas mx. X-9675 (Willis, Robins).
 6030 (T) W. GERMANY. SDR. 2301 GG nx under Mayak after AFRTS*; lost 2310-2315 (Reeves).
 6035 ASIATIC RSFSR. Vladivostok. 1930 M&W lang; G (Cabra).
 6035 CLANDESTINE. Vo People of Thailand. *2347 ID, freqs in Thai; F via LP (Hauser).
 6040 UNITED ARAB EMIRATES. Per Finnish source, Dubai no longer on SW (Dexter via NU).
 6040 UNID. 0820 ME-type mx, talk in AA or similar; F (Wallace).
 6044.7 URUGUAY. Rdf del U. 0900 ads, "Informativo El Espectador; often in QRM (Behr).
 6050 NIGERIA. WNB5. Ibadan. 0615 Cmc1 pgm in EE & vernac, M&W ancr, pops (Sparks).
 6050 YEMEN ARAB REP. Sana'a. 2100-2201* AA songs, chants, 2145 nx or talk (Whitacre).
 6055 (T) KUMAIT. KETS. 1640 AA chants past 1655, then faded. No 6025 (Hill).
 6060 ARGENTINA. R. Nac. Still hrd *0830-1100+. Must be more than 100 KW (Willis).
 6060 ASIATIC RSFSR. Komsomolsk (?) 1500 RP&P IS, into CC (Sztot).
 6065 MALAYSIA. BBC Tebrau. *1615 Tamil; repl 6050 (Willis).
 6070 W. TRIAN. RRI. Jayapura. 0805 Indo pops, ancts, ID; pw1 (Sparks).
 6070 SWAZILAND. TWR. 0326 IS, 0330 vernac pgms, hymns; 1/2 only (Behr).
 6075 GREECE. 2205 Greek to Japan; mix Darwin/DW. X-11925 (Padula). (Greek to Japan?)
 6075.5 HONDURAS. LV del Junco. 1245-1330 CA pgms, ID; Sri Lanka QRM (Reeves) (Nice QRM!)
 6080 ASIATIC RSFSR. QTH unk. 1330 S. Asian, 1500 EE; QRM RR HS. C. Asia site? (Behr).
 6080 MALAYSIA. BBC Tebrau. *0015 "BBC" IS (Robins). 2320 Indo nx(?) (Hill).
 6085 INDIA. AIR, Madras. 1257 IS, 1300 M&W in lang, SC mx past 1400 // 9575 (Reeves).
 6085 (T) ZAIRE. Kisangani. 2035 Af mx, lang ancts, 2103* no apparent ID (sked 2000*)
 6095V SOMALI REP. Mogadishu. 1945 chants, easy ID; 1953 lost (Reeves). (Robins).
 6110 (T) PARAGUAY. R. Charitas. 0930 unID LA pgm, wk audio; hrd when ZP's good (Behr).
 6130 (T) LAOS. Vientiane. 1130 FF, piano mx, no ID; hvy QRM (Gavaras 12/30).
 6135 CHILE. R. Universidad. *1000 IS, anthem; 1004 ID, mx; wk audio (Behr).
 6155 AUSTRIA. ORF. 0155 closing EE (Hauser). 0310-0320 opera mx, GG by W, mention of Österreich (Russell). 0330-0355 EE, nx; G (Higham).
 6155 (T) SINGAPORE. RS. 1310-1335 FO, Malay(?), Asian mx (Earhart). (Where was FEN? BH).
 6165 VATICAN STATE. VR. 0100 EE talk; G (Pyatt).
 6170 AUSTRALIA. RA. 1600 EE, repl 7150; E (Willis).
 6185 UNID. 0620 AA, N. Af mx, 0700 chants. Seem to remember logging of Libya (Wallace).
 6190 JAPAN. NHK Relay, Sendai. 0715 pops, JJ; 0759 ID, mention of Sendai (Sparks).
 6190 W. GERMANY. SFB (L). 0651-0710 GC talks under Morocco (Reeves).
 6195 CHILE. R. Colo-Colo. 0930-0300 nominal sked // 1380 (T. Jones via NU). *0930 mx, ads, 1000 SS ID, nx; often G (Behr).

IMPORTANT REMINDER! Effective immediately, the Section A frequency coverage will be 1605-5899 kHz. All loggings in the 5900-6200 kHz range should henceforth be sent to the Section B editor!

Because of the enormous amount of material received this month, virtually all the items had to be pared to the bone -- and sometimes beyond -- in order to meet time and space considerations. We hope the new freq limits for this section will permit us to expand individual items, use fewer abbreviations and keep more program detail.

My thanks once again to the indefatigable Kevin Sztot, without whose cheerful help this month's monster would never have been completed. And mooches gracious to our reporters: Mike ACGNER, Waldwick, NJ (SX110); Ernie BEHR, Ottawa, Ont. (SPR4/XCR30); Charlie BRUNNER, Salford, PA (Zenith T-0); Gary BUCCOLA, Dixon, IL; Stanley CABRAL, Oakland, CA (Galaxy R530); Rick CHARNES, Cherry Hill, NJ (HA230); Kent CORSON, Dubuque, IA (HQ200); Allan COURTNEY, Lexington, KY (SX190/F88Y); Hadley CRESS, Harrisonburg, VA (R4C/SX190); Bill DAVIS, Laguna Niguel, CA (Homebrew); Jim DAVIS, Travis AFB, CA (SX99); Bryan DORBERT, Baltimore, MD (S38D); Kenneth EARHART, Allentown, PA (SX190); Steve ESTES, Newport News, VA (SX190); Marlin FIELD, Hillsdale, MI (SX100); Henry FINO, Rochester, NY (RCA Victor); Tom GAVARAS, Wayzata, MN (HQ180); Glenn HAUSER, Enid, OK (HQ160); Dan HENDERSON, Laurel, MD (SPR4/HQ180A); George HERAGHTY, Ronkonkoma, NY; William HIGHAM, Youngstown, OH (SX160); Bob HILL (Editor), Berkeley, CA (R390/R390A); Greg KRAUSE, Thief River Falls, MN (DX160); Ron LACROIX, Center Line, MI (HQ180); Russell LAY, Virginia Beach, VA; Brian LEVY, Atlanta, GA (DX160); Jerry LINEBACK, St. Joseph, IL (SPR4); Brandon LOVETT, Coldwater, OH (DX-150A); Larry MAGNE, Philadelphia, PA (R4B); Alan MAYER, Park Forest, IL (SB310/NC173/DX-150B); Bob MccOY, Lincoln, NE (DX150B); Pitt McNEIL, Washington, DC (DX160); Hank MICHALENKA, Central Falls, RI (HQ180/R4B); Al MILLER, Youngstown, OH (HR0500); Larry NEBRON, Daly City, CA (SX190); Richard ODLIN, Tacoma, WA (DSR2/R4B/XCR30); Bob PADULA, Surrey Hills, Victoria, Australia (Marconi CR100); Pat PATTERSON, Atlanta, GA (SX99); Neal PERDUE, Millington, TN (SW4A/2C); Jeffrey POWERS, Vinco, PA (DX150B); Bryan PRICE, Lexington, KY (DX-150B); Edward PYATT, Conway, SC (XCR30); Scott REEVES, Laurel, MD (SX190); Andy ROBINS, Kalamazoo, MI (R388/SP600); Mike ROSS, Ronkonkoma, NY (SX190); Keith RUSSELL, Urbana, IL (SX100); Richard SCHWARTZ, Dover, DE (SX190/S108); Ken SCHWARZ, Fort Wayne, IN (DX150B); Dan SHEEDY, Encinitas, CA; Jerry SLAFF, Brooklyn, NY; Myron SMITH, Spencerport, NY (NC188); Doug SNEYDER, San Jose, CA (SPR4); Bill SPARKS, San Francisco, CA (R390A/R4B/HQ180A); Kevin (NC183D) and Keith (Halli. SR10A) SZOT, Vacaville, CA; Larry TALBOT, Menomonee Falls, WI (SB313); Pat TOBIN, McDonald, DC (DX160); John TRAUTSCHOLD, Menomonee Falls, WI; Philip WALIA, Milwaukee, WI (S118); Steve WALLACE, Lewistown, PA (R4B/DX150A); Bill WHITACRE, Lansing, MI (R4B/SX96); Dave WILLIAMS, Astoria, OR (SPR4/7553C); Michael WILLIS, Hampton, Victoria, Australia (9R59DE); Jerry WORD, Atlanta, GA (DX150A); Larry YAMRON, Mt. Davis, PA (SPR4); Bob ZILMER, Milwaukee, WI (SPR4); DSWCI; Numero Uno; Trop. DX NL; U. of Asian DX'ers.

LOG REPORT

B

B Section Editor: M. R. LEONHARDT, P.O. BOX 13, LIBERTY, IND 47353

- 6200 ALBANIA R.Tirana; *0230 EE, nx, then mx (Gavaras, Levy)
 6209 CHINA R.Peking; 1250 CC opera, QRM de river barges (Robins)
 6212t CLANDESTINE Radio Pathet Lao; 1255 flute, drums, YL chorus, anmt in lang (not CC) by YL 1300 into martial theme; am hoping this is RPL's 1st network listed as 6213v. Very poor (Robins)
 6215v CLANDESTINE Radio Pathet Lao; 2228 in Laotian(?) w/rev Asian mx, nx by YL in seeming Lao, no ID but fits known format. Stronger than any previous Pathet Lao catch here even tho via long path (Magne)
 6218 DOMINICAN REPUBLIC LV de la Libertad; 2220-0400* 12/22 only. ID's modulation muffled in same manner as Clarin was on 12/21 on 11699.8 (see 11699.8 for details) (Magne)
 6230 EQ. GUINEA R.Santa Isabel; 2150-2220 SS, Afr mx (Mayer)
 6230 PAKISTAN R.Pakistan; 2021 Pakistani vocal mx by YL. Very poor under UTE QRM 12/24 (Henderson)
 6235t PAKISTAN R.Pakistan; Karachi? Islambad? 2020 sub-continental mx, anmts in lang by YL, off abruptly 2025; conflicting reports on the site of this one. Poor 12/30 (Robins)
 6235 ENGLAND R,England; The second December test for NoAmer 0500-0630 not heard. Clear except legit CW QRM after 0545; 12/29 DX test 0500-0630 not heard either. (Hauser)
 6250 EQ GUINEA R.Santa Isabel; 2134 SS, monotonous Afr mx (Miller); 2249 presumed Eq Guinea w/faint lang talks, mx, anmts by YL, all unreadable, possible s/off or i/o 2308 (Lineback); 0515-0532 SS, some mx, OM ancr, high static requiring ANL (Earhart); 0510-0645 Afr Chants, hi-life mx (Hauser); 0630 tentative, SS fast SS ma (Gavaras)
 6258 PAKISTAN R.Pakistan,Rawalpindi; 1602 EE nx, 1606 ID for R. Pakistan into nx, poor/fair (Hill)
 6290 CHINA R.Peking; 1247 EE cmntry (Robins)
 6345 CHINA R.Peking; 1245 2nd HS px, CC talk by OM (Robins, Field)
 6348 S. KOREA Vo Hope; 1320 KK anmts, Xmas carols (Willis-Austi)
 6380a UNID. 1235 YL w/lang anmts (not CC), mx was drawn out. This most likely Tay Bac listed for 6376 (Robins) See next item - MRL
 6380v N. VIETNAM; Once and for all, the station currently heard here around 1100-1630 or so is Tay Bac, not Ulan Bator! Freq varies 6385-6382. Watch for sing-song VV talk considerably different than more emphatic, strident CC and not at all like Mongolian which is not a tonal lang, but more like the central USSR tongues (Hill)
 6400 N. KOREA R.Pyongyang; 1229 KK, HS, fast talking OM (Sztot)
 6538.5v N. KOREA R.Pyongyang; 1220 Asian female chorals, OM ancr, seems Korean but not entirely sure (Magne)
 6539-40v N. KOREA KCBS; Assumed the one here w/JJ px by OM, rether lowkeyed (Robins); 1221 JJ, OM w/cmntry, nominal 6540 sked 0900-1500 (Sztot)
 6550tnf CHINA R.Peking; 1235 FS in carrierless DSB (well, supressed-carrier DSB) feeder in listed Mongolian, seems Mongolian, weird neo-Chi mx, typical RP fare, BBC MS lists 6555 (vacant) (Magne)
 6576.5 UNID. Pyongyang listed. 1236 lang, Asian mx and OM ancr. Very poor. 6580 Pyongyang channel vacant. (Magne)
 6590 CHINA R.Peking; 1225 CC talk by YL, ID per WRTH (Robins)
 6665 UNID. Asian. 1245-1305 faint, not 100% sure it is broadcaster, undermodulated flute mx 1300, maybe WCNA DXer can verify (Magne)
 6675a CHINA PLA-Fukien (assumed); 1220 CC, OM talks //6765 (Robins)
 6750 CHINA R.Peking; 1245 CC, CC rev mx (Magne)
 6765 CHINA PLA-Fukien; 1215 CC talk; 2255 CC talk into CC opera (Robins)
 6789.7 CHINA R.Peking; 1250 CC px, seems // 6750 (Magne)

- 6790 CHINA R. Peking; 1207 Taiwan Svc, CC talk by OM & YL (Robins)
- 6955 CHINA R. Peking; 1116-1125 CC, song by choir, YL ancr (Earhart)
- 6990 UNID. Khmer lang station here 1230. Popular Asian mx, so not Commie, but often covered by big carrier with no programming (Willis-Austl)
- 7015at CAMBO IA VNUFK; 1218-1229* Khmer(?) Talk by YL, Asian mx, OM singing, definitely not Thai or Lao (Russell)
- 7035nf CHINA R. Peking; *1100 in RR, jammed (Willis-Austl)
- 7065 ALBANIA R. Tirana; 0000 EE, nx, cmntry (Zilmer)
- 7085t PAKISTAN R. Pakistan; 1158, FE lang, YL ancr, violin type string mx (Earhart)
- 7095t CHINA R. Peking; 1132 CC? Mandrin, YL in high pitched voice w/talks (Earhart)
- 7096 PAKISTAN R. Pakistan; *1320-1615* heard over Peking, not //5950 (Willis)
- 7100 MONACO TWR; 0810 end of EE "Outr each" px, ID (Agner); 0730 (Courtney)
- 7105 MONACO TWR; *0720 w/IS into EE rel px 0800 (Talbot, Earhart, Cress)
- 7105 USSR R. Moscow; *0300 SS to Cuba. This 10:30AM incl. Unusual (Padula-Austl)
- 7105 SPAIN RNE; 2343 special use of this freq over Moscow 12/24-25 only for relay of Xmas midnight Mass from Vatican; Mass was in II, but at 2343 brief "intenciones" recited in FF, GG, EE, SS, PP (Hauser)
- 7110 JAVA; If you hear GG here, it may be RRI-Yogyakarta! 12/30 closing EE px, Indonesian ID, mx box, "Lernt Deutsch bei der Deutschen Welle" px for Indonesians (Hauser)
- 7115 THAILAND R. Thailand; 1541 Thai(?) Asian mx, OM & YL in talk (Szot)
- 7120 SOMILAND Hargeisa; 1300 in Somili and again 1506 same lang (Willis-Austl)
- 7130 TAIWAN VoFC; 0100 EE, nx and talk. Poor. (Fields)
- 7135 USSR R. P. & P. *0400, IS, SS ID, talk (Courtney); 0430 SS px to Cuba (A. Miller)
- 7135 FRANCE ORTF; 0536 EE, Afr Svc, mx (A. Miller) / (A. Miller)
- 7140nf JAPAN NHK; 1310 CC Svc ex 11875 (Padula-Austl); 1315 YL in CC talks
- 7145 SARAWAK RM, Kuching; 0930 in Malay w/nx QRM BBC 7150 (Willis-Austl)
- 7150 USSR R. Moscow; 2300 EE, nx (Talbot); *0000 IS, ID into EE px (Russell); 0449 EE, //7115, 7165 (A. Miller)
- 7150t ALBANIA R. Peking; 0053-0058* RR(?) OM & YL in talks, possibly RM, but RM was much stronger at 0000 s/on (Russell)
- 7160 SARAWAK RM, Kuching; 1330 CC, Malay ID 1345. Not in latest sked (Willis)
- 7175-80 VARIOUS; Jan 1, five stations this freq same time. 2155-2200 DW IS into GG px; 2155-2200 BBC, Malaysia IS into JJ px; 2155-2200 R. Budapest IS into SS nx; 2200* VoA, Tangier after EE px; 2157 IBA IS, s/off in FF. Most unusual (Mayer)
- 7180nf ISRAEL IBA; *2200-2245 FF w/300 now siewed to Eu/NoAmer //7395, 5900. (Magne); //9009 (Hauser)
- 7190 SRI LANKA SLBC; 1300 EE, rel fare //11725, 15425 (Willis-Austl)
- 7190 YEMEN(PDR) DYBS; 1355 AA, regular here again (Willis-Austl)
- 7190 CHINA R. Peking; 0730 HS in Unlisted and unusual time (Willis-Austl)
- 7200 USSR Vladivostok; 0937 RR, Mayak px, great modulation quality (Szot)
- 7200 SUDAN R. Omdurman; 1500 in AA over many stations (Willis-Austl)
- 7209 UNID. Clandestine(?) On several occasions since 12/12 a station noted *0000 w/CC talks and mx to 0059* Weak and QRMed by 7210. Who? (Hill)
- 7210 HOLLAND RN, Lopik; 0845 DD songs and talk; 1020 EE px to Eur (Earhart)
- 7210nf W. GERMANY DW, Cologne; 0130 EE to Asia, abnormal sig for mid summer (Padula-Austl) / (Willis-Austl)
- 7210 WEST IRIAN RRI, Biak; 1300 w/Jakarta relay, ID 1340. A pleasing catch.
- 7215 BRUNEI R. Brunei; 0934 CC px, haven't heard AFNT here for months (Willis)
- 7215 IVORY COAST RTI; 2330 FF, YL w/FF ID, incl singing (Mayer)
- 7220 AUSTRALIA RA; 0935 EE, OM w/nx (Szot)
- 7220 SAUDI ARABIA BSKSA; *0258-0315 AA, chants (Schwarz)
- 7220 HUNGARY R. Budapest; 2050 EE, anmt of essay contest (Slaff)
- 7220 MOROCCO VoA Tangier; 0445 EE ID into Polish px (Courtney)
- 7225 RWANDA DW; *0325-0345 FF, clead ID, mx, nx (Schwarz)
- 7235 AUSTRALIA RA; 1325 EE lang lessons, IS (A. Miller)
- 7235nf INDIA AIR, Dethi; 0020 Tamil Svc, unusual daytime signals, ex 7260 (Padula)
- 7235 PORTUGAL (?) 2342 Vatican Xmas midnite mass 12/24 //RNE and RAI, but lacking SS cmntry. This a Vatican Radio channel, but no others were noted from this station! Not listed for RFE, but it makes sense for them to do this special broadcast to predominantly Catholic Poland w/Polish cmntry; 0022 R. Wolna Europa ID, 0024 open carrier (Hauser)
- 7239v SINGAPORE R. Singapore; 12/24 only, RS noted here from 7250 at 1420 in Malay; horrendous het and slop QRM from 7240. 1515 six pips, ID in Malay, nx and mx to 1530 ID. Dual 6155 partly audible thru FEN and general mess. Back

- 12/31 at 0930 w/very fine signal. May shift freq in the day to escape jamming on 7250 USSR/China (Hill)
- 7245 S. VIETNAM VTVN; 1536 VV, YL w/amnts (Sztot)
- 7245t MAURITANIA RNM; 0955 AA, previously reported this as tentative Algeria but now believe Mauritania since WRTH says 0800-1430 on Sun, and this noted Sun 12/29. Typical AA type mx, OM ancr (Earhart)
- 7245 ANGOLA Em Nacional; 0610 Afr cmntry by OM ancr in PP and occasional EE to 0619; ID 0620 followed by PP vocals (Cress) / (Gavaras)
- 7252 GUINEA(Rep) Rdiff Nationale; 0010 FF talks, Afr mx (Zilmer); 0330 FF, mx, nx
- 7265 W. GERMANY Sudwestfunk; 0500 GG, folk mx, ID (Schwarz)
- 7270 SOUTH AFRICA Radio RSA; 0300 EE, nx, cmntry (Talbot, Levy); 0427 end of EE px into Lozi 0429 (Powers)
- 7275 ALBANIA R. Tirana; 1600 CS, 1630 Polish; 1700 GG (Behr)
- 7275 NIGERIA NBC; *0600 Drum IS, EE s/on, EE ID, nx (Gavaras)
- 7275nf ITALY RAI *1910 AA Svc here, ex 11800 (Padula-Austl)
- 7290nf PAKISTAN R. Pakistan; 1328 IS. Pakistan has rearranged sked (Willis-Austl)
- 7290nf N. VIETNAM; On 12/25 Hanoi was operating here at 1705 in VV, dual 10040; almost completely out by 1725. Unable to check since, but it's a NF (Hill)
- 7290nf ITALY RIA; 1950 EE to Eur, ex 11800 xed Karachi (Padula-Austl)
- 7300 TADZHIK SSR R. Dashaobe; 1455-1500* in presumed Tadzik (Willis-Austl); Tentative 1400 w/possible nx in Tadzik by OM, ARO QRM (A. Miller)
- 7300 USSR Petropovlovsk-Kamchatka; *1700 Mayak px //7160, 9540, all good (Behr)
- 7300nf IRAQ(?) 1530 AA px, mx; 1600 "Vof Palestine Revolution", martial mx, AA ID and talk (Behr)
- 7300 ALBANIA R. Tirana; 0330-0345 EE, nx, cmntry (Powers)
- 7305 CLANDESTINE VoMalayan Revolution; 2245 CC, mx; 2321 Tamil px. V Good (Behr); 2320 Tamil ID's, YL w/cmntry (Hauser)
- 7321 USSR Magadan; 1204 RR, OM w/nx. I think this is Mayak px (Sztot)
- 7335 UNID. 2315 Totally covering CHU w/CC sounding singing by YL, but not typical Mao mx; 2325 w/Internationale. Who? (A. Smith)
- 7345 CZECHOSLOVAKIA R. Prague; 0115 EE into SS w/ID, Xmas mx (Fino)
- 7350 USSR R. Moscow; 0110 EE, "Greetings From Moscow" px (Fino)
- 7335 UKRAINIAN SSR R. Kiev; *0030-0058* Ukrainian, nx, cmntry (Ravenhorst)
- 7335 USSR R. Vilnius; *2230 EE to NoAmer (Padula-Austl); 0050 EE, feature px, tx listed as Moscow (Robins); 0820 RR, variety of good mx (Earhart)
- 7360 USSR R. P. & P.; 0056 FF/Creole, semi popular mx (A. Miller); *0100 IS, PP ID, into nx by OM (Robins)
- 7360 USSR R. Moscow; 1915 noted early in EE, MARS QRM (Hauser)
- 7379nf ENGLAND BBC; 0808 EE, classical mx, poetry read (Earhart)
- 7374.5t CHINA R. Peking; 1157 CC, YL talking. May be Moscow listed 7370, but inclined to believe Peking (Sztot)
- 7380nf USSR R. Moscow; 1100-1300 EE to Aus/NZ. Other times has CC (Willis-Austl); via listed Magadan site, not in any BBC MS lista (Magne); 1300 CC px (Behr)
- 7381 USSR Irkutsk; 1153 EE, talking about events in USSR (Sztot)
- 7385a USSR R. Moscow; 1205 EE nx by YL, ID 1212 (Russell)
- 7385 CLANDESTINE VoPeaceful Laos; 1210 in Lao. As the Gov't recognizes this as one of it's stations, this is no longer a true clandestine (Willis-Austl)
- 7395 ISRAEL IBA; *2000-2040 EE, DX nx, features (Zilmer, Staff, Earhart)
- 7400nf UKRAINIAN SSR R. Kiev; 2240 Ukrainian to NoAmer (Padula-Austl)
- 7400 USSR R. Moscow; 2325 EE feature px into SS 2330 (Robins)
- 7410 USSR R. Moscow; 2005 CC Svc noted in SSB reduced carrier (Padula-Austl)
- 7420t BYELORUSSIAN SSR R. Minsk; 2140 OM&YL attenuating in lang talks (A. Miller)
- 7440 ISRAEL IBA; 1645 Persian; 1715 Hungarian //9009 (Behr) / (Magne)
- 7470 CLANDESTINE (DRVN) Lib Radio; 1135, best ever this channel, but still poor
- 7480 CHINA R. Peking; 1150 JJ, YL talking, probably cmntry (Sztot)
- 7505 CHINA R. Peking; 2310 HS 1st program, CC opera, ID by YL (Robins)
- 7705 UNID. 1300-1430 RR station, but not USSR (Willis-Austl)
- 7780 CHINA R. Peking; 2220 PP to Brazil (Padula-Austl)
- 7863 THAILAND Thai Meteorological Station; 1245-1330* wx infro, pop mx, EE/Thai anmts (Schwarz, Sztot)
- 8240 CHINA R. Peking; 0017 Hakka to SEA. Fair, CW QRM at times (Hill)
- 8404 CLANDESTINE Vo Free Yemen South; 1915 i/i weak w/snatches AA mx, off after anthem 2002 VP-P w/occ CW QRM and fading (Robins); 1910 w/AA mx, no jams noted //5345 consistently not noted here (Magne)
- 8425 CHINA R. Peking; 0007 SS px //8345, 7010 CW QRM (Hill)

- 8450 CHINA R. Peking; 1122 Cambodian, booming mx, YL in talks (Szot)
- 8566 CHINA R. Peking; 1112 Laotian (?) OM & YL w/nx and cmntry (Szot)
- 9030 CHINA R. Peking; 0000 SS, YL in talks (Zilmer)
- 9050 IRAN R. Iran; 1320 IS, OM & YL in Farsi (Schwarz) / (Szot)
- 9064 CHINA R. Peking; 2336 HS 1st Program, OM w/CC talk (Robins); 0104 CC, nx
- 9250 KAZAKH SSR R. Alma Ata; 1215 Kazakh mx, talk by YL //5260 (Hill)
- 9340 N. KOREA R. Pyongyang; *2200-2245* Korean lang px //12075 (B. Davis); Tent
2225 - 2248* strident YL, choral mx, closing anmts, anthem, no ID (Hauser)
- 9360 SPAIN RNE; 2351 SS/II Xmas mass (Hauser)
- 9415 N. KOREA R. Pyongyang; 1600 RR; 1700 Korean; 1800 RR (Behr)
- 9451 USSR (Asiatic) Vladivostok; 1111 RR, YL ancr, classical mx. (Szot)
- 9455nf CANADA RCI; 2115-2145 EE, R. Canada SWLC(Zilmer, Padula); 0441 EE
(Hauser); 0613 FF, ex 9480(Willis-Austl); 0700 EE nx (Earhart)
- 9480 CANADA CBC; 1925 FF Svc via COTC tx in Quebec (Robins)
- 9505nf SAUDI ARABIA BSKSA; *1400 in Af. Not to be confused w/Sudan (Willis-Austl)
- 9510nf E. GERMANY RBI; *2000 EE to AA, ex 11785 (Padula-Austl)
- 9510nf TAIWAN VoFC; 2315 CC Svc now here (Padula-Austl)
- 9515 TURKEY TRT; 1829 TT, nx (Miller) // (Charnes)
- 9520 NEW ZEALAND NZBC; 0935 Nice to hear "Arthur Cushen's DX World"
- 9525 LEBANON R. Lebanon; 0259 ending EE into SS 0300. Latest 31m freq (Hauser)
- 9530nf RUMANIA R. Bucharest; *1500 EE (Willis-Austl); 1500-1524 EE to Asia(Behr)
- 9530 USSR R. P. & P.; 1059 Clarinet IS into CC px (Earhart)
- 9535 ANGOLA Em Oficial; 0525 PP nx (Padula-Austl); 0600 PP ID (Hauser)
- 9540 NEW ZEALAND NZBC; *0600 IS, TC, ID, pop mx, EE talks (Cress)
- 9540 UZBEK SSR R. Tashkent; 1200-1230 EE talk (M. Smith)
- 9550 TANZANIA RT; 1400-1500 Swahili. Shed lists 1430* (Willis-Austl); 0701
Hawaiian type mx, Swahili anmts. A rarity here, believed long path (Padula-Au)
- 9550 AUSTRALIA RA; 1000 special relay of "8DR" programming for NT w/Darwin
cyclone information for residents 12/26 (Padula-Austl); 1021 EE, ID for N. T.
pop mx, heavy VoA 9545 splash; 1030 evacuation info 12/27; 1025 12/28
"8DR" ID, 1030 ID, "News for the City of Darwin" (Hauser)
- 9550nf VATICAN Vatican Radio; *1505 EE ID into Indian lang (Willis-Austl)
- 9555 LIBERIA ELWA; 1915-1933* talk in lang, native mx (Zilmer); 1931* (Behr);
1907 FF, choral singing rel songs (A. Miller)
- 9555 USA; Ian McFarland of RCI tells me the relays of BBC WS on this freq for
special events not via Sackville, but probably via VoA Delano. Noted in use
12/25 only 0914-0945* for Queen message (Hauser)
- 9560 CLANDESTINE Peyk-e-Iran; 1500 slightly off freq w/Farsi anmts over Paris
//11415 (Willis-Austl) / Robins)
- 9560 JORDAN R. Jordan; 1600-1730* EE nx, ID's, pop and rock mx (Behr, Hauser,
- 9562 PERU R. Nacional; 0045 SS, 1cl mx (Zilmer); 0800* Tentative, SS on late with
Xmas carols, off w/anthem. Not Chile or HCJB (Willis-Austl)
- 9565-66v CHILE LV de Chile; 0032 EE, nx, cmntry (Zilmer); 0133 GG talk (Schwartz)
- 9575 YEMEN R. Sanaa; 1620 AA mx, ID(Mayer); 2200* AA ID, anthem (Padula)
- 9575t CHINA R. Peking; 0149 CC, OM in talks, CC opera, no ID on half hour(Agner)
- 9575nf ITALY RAI 1915 AA Svc now here, ex 15400 (Padula-Austl); 0108 II mx(Fields)
- 9580 PHILIPPINES VoP; 1535-1658* EE, Mail bag px, mx (Hauser, Cole, Meehan)
- 9580 ZAMBIA R. Zambia; *1553 into Vern after bird IS (Willis-Austl)
- 9585 JAPAN NHK; 0000 EE, nx to Eur(Zilmer); 0100;0200-0230 EE, this mid-day
1cl, believed via "E" mode, trans-equatorial (Padula-Austl)
- 9585 BRAZIL R. Nacional; 2105 PP, talks, mx interludes (Fino)
- 9585 YEMEN R. Sanaa; 0415 AA mx, ID, via long path (Padula-Austl)
- 9590 SWITZERLAND SBC; 1540 EE, mx (Zilmer)
- 9595 JAPAN NSB Tokyo; 0115; 0200-0215 JJ, nx rare for 1cl noon (Padula-Austl)
- 9600 UZBEK SSR R. Tashkent; 1200 EE, "Life in Republic" talk (Earhart)
- 9605 BRAZIL R. Nca Brasilia; 2120-2140 EE, mx px featuring 1cl customs and Xmas
mx //11780 (Earhart); 2020 GG to Eur (Padula-Austl); 2200* EE ID (Courtney)
- 9605 SARAWAK RMS, Kuching; This rarely heard outlet came thru 12/28 just at 0730
s/off. WRTH says daily sked 0400-0500, Sun 0300-0730, but both times I've
caught it, it was Saturday GMT (Hill)
- 9605t SAUDI ARABIA(list), Riyadh (list); 0615 AA, AA mx and anmts. List 350kw
0500-1500 (must be French tx, new?) (Magne)
- 9605nf SWEDEN R. Sweden; *1230-1330* EE into Swedish 1330, mixing w/DW(Willis)
- 9605 VATICAN Vatican Radio; 0104 EE, Holy Year activity talk (Meehan)
- 9612 ETHIOPIA R. Ethiopia; 0505 EE lang lesson; 0510 Amharic anmts, EaAfr mx.
Very rare this time period via long path. (Padula-Austl)

- 9615nf W. GERMANY DW; 0700 FF to Afr, ex 9765 (Padula-Austl)
 9615nf AUSTRIA ORF; 2145 SS to Eur, ex 9710 (Padula-Austl)
 9625 INDIA AIR; *0230 HS, nx in national lang, all day light path (Padula-Austl)
 9625nf SWEDEN R, Sweden; 1945 new SS Svc to Eur; 1915 Swedish to ME (Padula)
 9630 SPAIN RNE; 0040-0100 SS, OM& YL in talks, mx (Fino)
 9630nf ISRAEL IBA; *2000-2055* 300kw to NoAmer/Eur //9815(low power), 5900, 7395 (Magne); //9009 (Behr); 2048 EE "Thursday Magazine" px (Staff)
 9630 ITALY RAI; 0245 SS, "La Programma Internazionale" (Schwartz)
 9630nf SIERRA LEONE; 2015-2045 1/9 On new channel ancng test, pleading for reports 300kw blockbuster over IBA to NA. Forget this country as DX! (Magne); DW testing, first noted 1/8 2055 after IBA s/off, DW IS; 2100 ID in EE, GG, FF as tx in Sierra Leone; into off-air relay, but lang unid as IBA back on w/RS, and jamming. By 2147 RNE covered all w/IS. Isn't it keen to have another DW relay? (Hauser)
 9635 IRAQ R, Baghdad; *0203 AA, under VoA. Unusual reception (Willis-Austl)
 9640 S. KOREA Seoul; 0130-0200 KK, new svc, very unusual day time sigs (Padula)
 9645 BRAZIL R, Bandeirantes; *0800-0917 PP, ID, ICI mx (Earhart, Fields, Robins)
 9650 GUINEA Rdiff Nationale; 0010-0030 FF, talk, native mx (Zilmer, Agner); 0213 Vern and AA ID (Schwartz); 0735 FF, via long path (Padula-Austl) / (Hill)
 9654 THAILAND Thai NBS, Bangkok; f/i 1045 EE nx by YL, 1054 ID for R, Thailand
 9655 JAPAN NHK; JJ to *0750. Home Svc (Willis-Austl); f/i 0105 10kw(Padula)
 9655 HUNGARY R, Budapest; 2200 SS px to 2225* (Behr) / (Hauser)
 9670 PORTUGAL R, Trans-Europe; 2029 ending GG, Swedish ID into unid lang
 9670 SAUDI ARABIA BSKSA, Jeddah; 1400-1700 AA, mixing USSR and NHK at times. This not listed in sked. (Willis-Austl)
 9675 PERU R, Del Pacifico; 1200 SS, ID, singing ID, talks (Zilmer, Courtney)
 9680 CANADA RCI; 1801 EE, ID nx to Afr (A. Miller)
 9680 SOUTH AFRICA Radio RSA; 2254 EE, "Mailbag" px(Wockner); 0555 EE, (Cole)
 9685 nf MALTA CBC; 2125 EE to Arf/Eur, ex 7280 (Padula-Austl)
 9699 BULGARIA AFRTS; 1913 on late for sports 12/28, so Sofia hetting it down here 1913, FF about capitalist world; mixing mx and talk; 1929 IS, into EE w/ID (Hauser)
 9700 RWANDA DW; 0105 Tho not specified in sked, tx must be Kigali due to punch compared direct Europe (Hauser)
 9705 MEXICO XERMX; 0230 SS, "Musicale" px, mostly pops (Talbot)
 9705 INDIA AIR; 1225-1235 EE, px sked, nx to 1235 into lang (Zilmer)
 9705t ALGERIA R, Algeria; 1135 AA, OM reciting from Koran (A. Miller)
 9710 SOUTH AFRICA SABC; 0735 EE, classical mx. Via long path (Padula-Austl)
 9710nf ITALY RAI; 0445 II to Afr, ex 17795 (Padula-Austl)
 9710nf JAVA RRI, Jakarta; *2300-0100* HS w/Indonesian nx, ex 9770 (Padula-Austl)
 9710t MAURITIUS MBC, Malherbes; 0400-0410 Hour of Triumph IS, EE nx, mention of a 'National Council' (presumably a governmental agency), reference to Kissinger and UN. No adjacent BBC freqs, British accent 12/22 (Schwartz)
 9715 CONGO Rdiff TV Congolaise; 2145 FF/Vern talks (Zilmer); 2207 "LV de la Revolution" ID, TC into political speech. No sign of RN (Hauser)
 9715 KUWAIT R, Kuwait; *1500 Urdu px, mx; 1700 EE ID and mx (Behr)
 9720nf FINLAND R, Finland; 0300 EE to NoAmer; 0330 Finnish (Behr)
 9720 SRI LANKA SLBC; *1902 new EE svc to Eur, requesting reports (Behr)
 9730 BURMA Rangoon; 0940 Burmese svc noted here evenings though listed for 60mb this time. Needs further checks to determine if permanent. (Padula-Austl)
 9730 BELGIUM RTB; 2255-2315 EE "Belgium Speaking" px (Zilmer)
 9730nf E. GERMANY RBI; *0330 to WCNA, ex 9560 (Padula)
 9740 PORTUGAL Emissora Nazionale; 2130 II, Xmas mx (Hauser); 2130-2200 II, GG 2200-2230 (Padula-Austl)
 9745nf INDIA AIR, Delhi; 0105-0115* EE, nx, cmntry, ex 9520 (Padula-Austl)
 9745 IRAQ R, Baghdad; 1910 AA talk, mx, EE ID 1930 (Courtney); 2000 EE nx, US soul mx (Staff)
 9750 ALBANIA R, Tirana; 0000 EE, nx, cmntry (Zilmer)
 9750 TANZANIA RT; 1400-1500 EE on 12/14 only. Weekend svc. (Willis-Austl)
 9750 CHILE R, Minera; 1130 SS, pop and local mx (Zilmer)
 9755 S. VIETNAM Saigon; 2340-2355 Khmere talks, mx; never heard this time period before! (Padula-Austl)
 9755 CANADA RCI; 0100 EE, Canadian nx, and weather (Talbot)
 9759-59.5v GUATEMALA LV de Guatemala; 1748 SS, "Guatemala es primero" promo, then some notes strongly resembling 4VEH(9770), "Amazing Grace" ID. Beware (Hauser); 2230-2255* SS, talks, marimba mx, daily, Abrupt off (Behr)

- 9759.34 GUATEMALA; 2128 SS, "Esta es TGW, R. Nacional", Xmas greetings(Hauser)
 9760 ECUADOR HCJB; 0645 SS, Xmas mx; EE rel px 0715 (Talbot)
 9760 JAPAN NSB; 0210-0250 JJ, YL w/possible stock mkt reports (Hill); 0120
 Prgm 2, JJ talks and mx. Not previously heard this outlet (Padula-Austl)
 9767v MEXICO R. Universidad; 1800 SS, classical mx, ID, talk (Hauser)
 9770 AUSTRALIA RA; 1500 EE, nx (Zilmer)
 9770 HAITI 4VEH; 2013 SS, rel talk, ID (Slaff)
 9770t BRAZIL R. Min da Educaco; 2300 PP, all Xmas mx (Talbot)
 9776 CLANDESTINE The VoTruth; 1245 in Greek on 12/14 (Willis-Austl)
 9790 USSR (Unknown W. Siberia site); *0045-0530 to 0600 f/out HS, Pgm I (Siberia
 version), all RR, QRM R. Prague (B. Davis)
 9805 EGYPT R. Cairo; *2145-2300* EE Svc to Eur w/talks, mx, features (Slaff,
 Talbot, Powers, Higham)
 9920 CHINA R. Peking; 1245 SS(?), cmntry, CC type mx, Internationale (Earhart)
 9940 CHINA R. Peking; 0018-0045 EE, nx, mx (Powers, A. Miller); 0100 (Robins)
 9965 CHINA (?) 2239 PP, had that inimitable Peking quality (Hauser)
 9971 CHINA R. Peking; 0150 EE, propaganda talk, ID (Agner)
 9977 N. KOREA R. Pyongyang; 1700 AA; 1800 EE px (Behr)
 9989t CLANDESTINE VNUFC; 1232-1238* Asian lang, YL in talk, songs (Earhart)
 10010t S. VIETNAM R. Vietnam; 1215-1225 OM&YL in lang talks. Too low to copy
 (Earhart)
 10040 N. VIETNAM VoV; 0153 EE, s/off and ID (Agner); 1255 JJ px by YL (Robins)
 10041v N. VIETNAM VoV; 1210 SS px. SS not listed in WRTH, off 1227; returned
 1230 in JJ as per sked. Solid copy throughout (Hill)
 10055t CLANDESTINE Voice of Iragi Kurdistan; *1600 s/on w/march, YL giving
 ID in Kurdish(?); 1601 mx, nx till 1608 //6490 not heard (Szot)
 10070 N. VIETNAM VoV; 0130-0230 VV talks, day time signals of interest (Padula)
 10110 CLANDESTINE R. Independente Spain; 1615-1642 SS, talks (Schwarz, M. Smith)
 10173 CHINA China NBS; f/i 1605 dictation nx by YL in CC, phenomenal sig (Hill)
 10224 CLANDESTINE Liberation Radio; 0205 VV play, interesting day time signal
 (Padula-Austl); 0957 VV talk, 1000 two distinct ID's //7416 (Hill)
 11110 CHINA R. Peking; 0115 CC px to Taiwan (Padula-Austl)
 11350nf N. KOREA R. Pyongyang; 0105 HS w/KK talks, recent NF, unlisted (Padula)
 11375 CHINA R. Peking; 0005 SS to LA //11650, 11630, etc. (Padula-Austl)
 11415.3 CLANDESTINE (Bulgaria) R. Courier of Iran; 1520 lang //11696, but 9560
 covered, no jams noted (Magne)
 11535 N. KOREA R. Pyongyang; *0400-0450* SS lang px // 12075 (B. Davis); 2350 EE,
 political talk for NoAmer (Padula-Austl)
 11537.5 N. KOREA R. Pyongyang; 2330-0000* EE, orch mx, cmntry by YL (Courtney)

Thirty eight reporters for "B" section this month: Mike AGNER, Waldwick, NJ (SX110)
 Ernie BEHR, Ottawa, Ont, Canada (R4B/XCR30)... Charles H. BRUNNER, Jr., Salford,
 PA (D7000Y)... Rick CHARLES, Cherry Hill, NJ(HA-230)... J. COLE, Denver, CO(SX190/
 SW4A)... Allan COURTNEY, Lexington, KY (SX190)... Bill DAVIS, Laguna Niguel, CA
 (Homebrew)... Kenneth A. EARHART, Allentown, PA (DX150A/SX190)... Tony FIELDS,
 Portage, MI (DX150A/TRS-26/S-38E)... Henry A. FINO, Rochester, NY(RCA Victor
 Console)... Hadley D. GRESS, Harrisonburg, VA (SX190/R4C)... Tom GAVARAS, Wayzata
 MN (HQ180)... Glenn HAUSER, Enid, OK (HQ160)... Dan HENDERSON, Laurel, MD (SX-
 190/HQ-180A)... William HIGHAM, Youngstown, OH (DX-160)... BoB HILL, Berkeley,
 CA (R-390)... Brian E. LEVY, Atlanta, GA (DX160)... Jerry A. LINEBACK, St Joseph,
 IL (SPR4/XCR 30)... Lawrence W. MAGNE, Philadelphia, PA (R4B)... R. A. MacLEOD,
 Erie, PA... Alan MAYER, Park Forest, IL (SB-310/DX150B/NC173)... Jim MEEHAN,
 Berkeley, CA (SX190)... Albert A. MILLER, Youngstown, OH (HRO-500)... Bob PADULA
 Surrey Hills, Victoria, Australia (Marconi CR100)... Jeffery R. POWERS, Conemaugh, PA
 Greg RAVENHORST, Clarks Grove, MN (DX150A)... Andrew ROBINS, Kalamazoo, MI
 (R-388/URR; SP600JX-17)... Keith W. RUSSELL, Urbana, IL (SX100)... Karl SCHWARZ,
 Ft. Wayne, IN (DX150B)... Richard A. SCHWARTZ, Dover, DE (SX190/S-108)... Jerard
SLAFF, Brooklyn, NY... Arthur SMITH, Wilsonville, AL (BC342N)... Myron SMITH,
 Spencerport, NY (NC-188)... Larry TALBOT, Menomonee Falls, WI (SB-313)... Michael
WILLIS, Hampton, Victoria, Australia (Trio 9R59DE)... Rex WOCKNER, Watseka, IL
 (SX28)... Robert ZILMER, Milwaukee, WI (SPR4)... Kevin SZOT, Vacaville, CA

That's it for this month. Thanks to Headquarters for allowing us an extra page this
 month to allow an expanded "B" section to accommodate the larger than usual number
 of items reported.

Log Report - C 2-75

11601 kHz up. Editor: Jerry A. Lineback Deadline: 15 February 1975
P. O. Box 325
St. Joseph, Illinois 61873

- 11643 ISRAEL IBA; 1350 HH Home service, weak (Magne)
11645 ISRAEL IBA; 1645-1655 AA, OM w/nx, tlk, (Mayer 12-28)
11672 PAKISTAN R Pakistan; *1300 EE ID, nx, fair (Courtney 1-2)
11685 CHINA RP; 0017 EE, ID, nx, Aria from CC opera, good-excellent (Slaff 12-5)
11695 CLAND Peyk e Iran; 1520 Farsi anmts, (Willis-Australia 12-15)
11700NF DOM REP R Clarin; 1800-0230* SS, ads, ID, LA pops, sports events, //4850, 50 kw, anced. 11700 freq finally activated since at least 12-14, heard in Australia as well, provides strong daytime and evening reception to areas where 4850 is not as strong as this QTH, i.e. CA, (11 reporters). Possibly irregular at times.
11705 SWEDEN RS; 1400 EE, Sat. Show, //17710, poor (Zilmer 12-28); 0135 SS to LA, add freq this svce, (Padula-Australia 12-8)
11710 USA BBC prob. via Delano; 0928 EE WS, special 12-25 only for Queen's message, phase close to //9555, but long delay from 6195, close at 0945, light QRM, (Hauser). Ed note: BBC is relayed via VoA on several freqs now, so be careful.
11710 USA VoA Greenville; 2130 RR, tlk by 2 men on USA, good (Trautschold 12-29)
11710 ARGENTINA RAE; 2300, 2341 EE, nx, sports, orch mx, ID, good (Tobin, Slaff 12-30)
11710 NEW CALEDONIA ORTF Noumea; 0608-0620 FF, tlk on Noumea, FF mx, 0633-0707 FF anmts by M&W, orch mx, songs, no ID, fair-poor (Mayer 12-28, Earhart 12-18)
11720 CANADA CBC No. Svce; 1545 EE, Christmas mx, 2159 EE/FF, FF ID, EE nx, good (Trautschold 12-29, Talbot 12-21)
11720 SWITZERLAND SBC; 1320 EE to Far East, NF ex 15305, xed BBC Cyprus (Padula-A 12-24)
11725 JAPAN NHK; 2350-2356 EE nx, cmntry, ID, 0010-0045 EE, nx, cmntry, JJ pops, //15270, poor to fair (Powers, Brunner, Robins, Zilmer, Russell)
11725 VATICAN VR; 2130-2140 EE, ID, info on Pilgrimage, IS, fair (Powers)
11725 CUBA RHC; 0405-0450 EE, VoV px, mx, cmntry, ID, good (Fino 12-18)
11730 MALAGASY REP RN Talata; *2000-2120* EE px to Eu, IDs, Spotlight, His&Her, DX juke-box, Focus on Science, etc., good-excellent (Tobin, Buccola 1-2) Slaff, Davis)
11735 MOROCCO RTM; 1300 AA, Willis-Australia 12-5)
11740 SEYCHELLES IS FEBA; 1700 EE ID into Farsi, 1730 EE, weak, 1745 QRM from VR, 1800 ID, freqs for retuning (Tobin, Hauser 12-27)
11740 ECUADOR HCJB; EE rel px at 1300 //15115 (Talbot)
11740 VATICAN VR; *1745 AA, 1800-1830 lang, over FEBA to 1800, (Hauser 12-27)
11740 AUSTRALIA RA; 0810-0830 Indon, EE pops, fair (Earhart 12-18)
11745 HOLLAND RN Lopik; 2010, NF ex 11860, (Padula-Australia 12-26)
11745 ECUADOR HCJB; 1830 FF ID as LV de l'Evangile program, freq given as 11740, into GG, poor (Hauser 12-24)
11750 ENGLAND BBC; 0315 SS, ID, mx, good (Agner 1-4)
11760 CUBA RHC; 0115 SS flavored with Chilean jam, (credit entirely to Brunner), 0415 EE cmntry, 0440 VoV px, //11725, (Talbot). Chile has a new and more severe jamming sound, hrd 0157, but no RHC, (Hauser 12-28)
11760NF MONACO TWR; 1510RR, ex 11850 (Willis-Australia 12-12)
11765 AUSTRALIA RA Shepparton; 0730-0740 EE, British and Eu svce, musical px, (Earhart)
11770 MEXICO R Mex; *2250-2300 SS, jazz, tlks, address, fair (Courtney 12-15)
11770 YEMEN (PDR) DYBS; 1300 AA, as early as *1100 sometimes, (Willis-Australia 12-5)
11775 SPAIN RNE; 2123-2125, 2230 SS, tlks, ID, SS mx, fair (Trautschold 12-29, Russell)
11775 USA WINB; 1950 EE, pops over RNE IS, 2000 ID and church mx, (Talbot)
11775 SWITZERLAND SBC; 1320 EE to Far East, ex 15305, excellent (Padula-Australia)
11780 NEW ZEALAND NZBZ; 0520-0530 EE, lite mx into Drama, 0643 old good mx, fair-good, 1546 IS, opening Pacific IS svce, //9755, into mx, poor (Courtney, Cress, Hauser)
11780 BRAZIL R Nac; 2100 EE, Man told story with music, other mx, IDs, good (Buccola 1-11)
11780 PHILIPPINES VoA; 0033-0100* EE, some Christmas, tlks, IDs, some QRM, (Brunner)
11780 MOZAMBIQUE LMR; *0457 TC, anmts, pops, wx nx in EE, at 0500, LP (Padula-A 12-26)
11784 BRAZIL R Guaiba; 2335 PP, ID, freqs, bugle fanfare, tlks by M, fair (Courtney)
11785 NETH ANT TWR; 0215 SS, ID, Christmas mx, nx, (Talbot 12-9)
11785 SEYCHELLES IS FEBA; 0200 Hindi, EE ID 0215, Urdu then another EE ID at 0230, first time noted this svce in 25m band, (Padula-Australia 12-21)
11785 GERMANY (DR) RBI; 0340 Swahili to Africa, NF ex 11720, (Padula-Australia 12-8)
11790 INDONESIA RR Jakarta; 0200-0300 Indon, HS heard here when not on 11770, moves to avoid VO Dixon, back to 11770 at 0300 and hrd to 0800+, (Padula-Australia)
11790 S AFRICA SABC; 1100-1350+, EE anmts under Jakarta, (Willis-Australia 12-23)
11800 ETHIOPIA ETLF; to 0610* EE, ID by man, poor (Magne)
11800 SRI LANKA SLBC; Tent 1340, 1459-1502, Asian mx, tlks in lang, mx at 1500 sounded like "Goodnight Irene", P (Russell 12-27); Tent 2300 lang mx, tlk, under bad QRM, no ID, poor (Trautschold 12-29); *0630 Hindi px, (Padula-Australia 12-23); 1930-2000* EE, anced tx was for Eu, pops, tourist info, want reports, anced //15120, 9730, address, (sorry lost credit); 1529 Hindi, EE ads, clear ID, good (Agner)
11800 CANARY IS RNE; 2133-2205 SS, IS to *2145, NA, ID, TC, Mex mx, good (Russell 1-4)

- 11805 UNID *0800 w/old RNE IS, ID as Radio Popular w/SS anmts then into AA style lang (Hassaniyah?), mentions of El Aaiun and Canary Is, possibly a relay of MW because appears to begin in the middle of px, Spanish Sahara possible or more likely Canary Is. (Willis 12-15, Padula 1-1, both Australia). Any NA receptions?
- 11805 USA WYFR; 1900 EE, rel px, mx, (Talbot 1-1)
- 11805 BRAZIL R Globo; 2130 PP, tlks, singing ID, whistle, fair (Courtney 12-22)
- 11810 AUSTRALIA Shepparton; special relay of 8DR, 1925, mx of evacuation flights out of Darwin, (Padula-Australia 12-26)
- 11810 INDIA AIR; 1000, 1330 EE nx, sitar mx, "womans world px", poor (Zilmer, Tobin)
- 11810 USSR RM; 1345 RR, tlk by W and soft mx, QRM by AIR?, poor mod, (Russell 12-27)
- 11815 NETH ANT TWR; 0045 EE, Weds DX special, (Tobin)
- 11820 MOZAMBIQUE RCM; PP anmts as early as 1100 and again hrd at 1520 on 12-7, (Willis)
- 11820 ASCENION IS BBC; 0235-0330 SS, nx, anmts, mx, EE LL, good (Fino 12-21)
- 11820 MEXICO XEBR Hermosillo; 1520-1530 SS, using XEBH MW outlet ID, ads, ranchero mx, fair (Mayer 12-14); 2116-2200 SS, heted and fading, QRM from BBC, XEW nx relay, Name-that-tune phone call to Chihuahua, (Hauser)
- 11825 VATICAN VR 1400 SS, Christmas mx, quotes from Pope's message, fair (Miller 12-25)
- 11830 CLAND VoMalayan Rev; New EE svce at 1500-1531, varies to 1515, anmts by YW, much mx, (Willis-Australia 12-5)
- 11830NF ALGERIA RTVA; *0800 AA, replaces 6145, (Willis-Australia 12-25)
- 11830 ETHIOPIA ETLF; 1900 Hausa, African mx, not particularly evangelical until 1925, good (Hauser 12-27); 1955-2028* EE, cmntry, special New Years show, rel tlk to 2027 then sched and usual EE ID by W, good (Mayer 1-1, Cress 1-6).
- 11835 URUGUAY R El Espectador; 0925 ID, w/R Sport sister stn, wx, good (Hauser 12-25)
- 11835 SUDAN R Omdurman; via LP mixed w/other stas, 0500, again at 1515, (Willis-Aust.)
- 11835 HAITI R 4VEH; 2145 IS, SS ID, good (Hauser 12-10); 0415 EE Christmas mx, (Talbot)
- 11835 ECUADOR HCJB; 0430-0505 EE, ID, anmts, rel mx and songs, fair (Fino 12-21) knows?
- 11850t MALTA DW; 1739-1745* EE, jazz, gave all freqs, is this Malta? (Ravenhorst). Who/
- 11850 SWITZERLAND SBC; 0025 FF into II at 0030, NF ex 17830, (Padula-Australia 12-7)
- 11850 AUSTRALIA RA; IS at 2128, into VV px, (Hauser 12-25)
- 11855 SEYCHELLES IS FEBA; 1733-1739 EE, rel px, hymns, fair (Ravenhorst) 12-28)
- 11855 BELGIUM RTB; 2255 EE, Belgium Speaking to 2258 then xed by WYFR, poor (Zilmer /
- 11862-3v ZAIRE R Lubumbashi; 0400-1500, 1835 FF relaying 15245, poor (Willis-Australia 12-16, Hauser 12-24)
- 11865 SEYCHELLES IS FEBA; 1335 Malay svc, EE ID 1345 into Kannada //15325, (Padula)
- 11865 BRAZIL R C Pernambuco; 2225-2230 PP ID, Echo chamber tlks, US pops, F (Courtney)
- 11870 SWITZERLAND SBC; 1530 EE, nx, mx, to ME and Africa, (Zilmer 12-29)
- 11875 ANGOLA Em Official; 1510-1545 EE weekd,ys, PP on weekends, PP early as 1400, ID as Voice of Angola, rare here, (Willis-Australia 12-7)
- 11880 MEXICO R Fiesta; 1830-1840, 2318, 2345 SS, ads, phone calls, IDs, DJ w/SS pops, //15110, fair-poor (Zilmer 12-28, Trautschold 12-29, Lineback 12-31); 1618 SS hetting Turkey, irregular, (Hauser 12-29)
- 11880 TURKEY TRT 2207, 2300 EE, IDs, nx, jazz and rock, fair-good (Slaff 12-27, Lineback 12-31, Buccola 1-12, Zilmer 12-23)
- 11885NF VATICAN VR; 1345 PP/SS, test? not hrd again, (Willis-Australia 12-9)
- 11885 SOUTH AFRICA SABC; 1100 Afrikaans, (Willis-Australia 12-17)
- 11885 AUSTRALIA RA; 0720-0735 EE, mx px w/W, nx, to P/NG, poor (Earhart 12-18)
- 11890 LIBERIA VoA Monrovia; 0330* SS, real-time translation of Rockefeller swearing in, not carried live on VoA EE px, Monrovia ID, relay sound, (Hauser 12-20)
- 11895 AUSTRIA ORF; 2140 SS to LA, 2200 GG, NF ex 15210 (Padula-Australia 12-20)
- 11895 SENEGAL RD du Senegal; 2025, 2215, 2200 FF/vern, pops, jazz, Afro mx, ID, FF tlk, fair-poor (Courtney 12-15, Zilmer 12-28, Padula-Australia 12-13)
- 11900 MALAYSIA RM; 0855* presumably after EE, not hrd this time before (Willis-Australia 1-2); 0055* Indon, and new svc *0430 relay CC HS to 0455*, (Padula-Australia)
- 11900 USSR RSP&P; 1400-1405 CC, IS, tlk by M&W, fair (Earhart 12-21)
- 11905 CANADA BBC Sackville relay; *1200-1315* EE WS, relay sound, better than UK tx, fair to good (Hauser 12-22, Magne 1-1)
- 11905 USSR Irkutsk HS; *0130-0325*, px 1, Siberia version, has not been hrd regularly for a couple of years, did someone say sunspots?, (Davis)
- 11905 ITALY RAI; 0440 II to Africa, NF ex 21650, *2050 II to Australia ex 11800, (Padula-Australia 12-14, 12-26); 2325 w/live Christmas midnight mass, // 9710, 9575, 6010, and //RNE (except for SS anmts) on many freqs, (Hauser 12-24)
- 11910NF? ECUADOR HCJB; 2340 PP, tlk, rel mx, good (Trautschold 12-29). NF or var from 915?
- 11915 ECUADOR HCJB; 0840 RR to Pac, NF ex 11740, also used for simultaneous EE to Eu also hrd here (Padula-Australia 12-23); 0340-0425 EE, nx, cmntry, mx in the night, rel px, good (Talbot, Fino 12-18)
- 11915 EGYPT R Cairo; *1230 AA, over HCJB, excellent (Willis-Australia)
- 11915 BRAZIL RTV Gaucha; 2338 PP, tlks, ID, fair (Courtney 12-16)
- 11920 IVORY COAST RTVI; 2350 FF, piano mx, nx, ID, and 0000*, good-fair (Trautschold 12-29); 2200 FF ID as R Ivorienne, Afro mx, (Talbot 12-21)
- 11925 BRAZIL R Bandeirantes; 0030, 0245-0306, 0855-0905, 1150-1235, 2245, PP tlks, mx, IDs, mention Sao Paulo, poor-good (Courtney 1-2, Earhart, Zilmer 12-25) 28)
- 11925 USSR R Tashkent; 1155-1305 lang, tinkling IS, nx, probably Tashkent (Earhart 12- /
- 11925 CYPRUS BBC; 1735 EE, sports px and sched, fair (Zilmer 12-25)
- 11930 AUSTRALIA RA; 2200 EE, ID, fair (Hauser 12-10)

- 11930 CUBA RHC; 0400 EE, nx, (Talbot)
- 11930 BELGIUM RTB; *1315 FF, sched change from 1330 and NF this time (Willis-Australia)
- 11935 S AFRICA SABC; 1310, chimes, usually blocked by VoA, (Willis-Australia 12-7)
- 11935 PORTUGAL RP; 0155-0204 PP/EE, tlks, mx, EE ID, sched and freqs, good (Russell)
- 11940 USSR RP&P; 1350-1400* EE, cmntry by W abt China and USSR students, P-F (Russell)
- 11940 KUWAIT RK; 1325-1348 AA, recitation of Koran, sports event, fair (Earhart 12-28/30),
*1700, 1820, 1830 EE, letter bx, us pops, IDs, contest winners (all in Kuwait!),
fair (Mayer 12-28, Magne, Tobin)
- 11945 CHINA RP; *0000-0015, 0100 EE, cmntry, nx, good (Cole, Powers, Brunner)
- 11945 ENGLAND BBC; 1143, "V" IS, 1145 EE ID into GG for Europe, nx, fair (Courtney 1-2)
- 11945 MOROCCO VoA Tangier (listed); 1930 mx, 2000 Czech, (Talbot)
- 11950 USSR RP&P; 1222-1238, P&P CC px to 1230 then EE RM ID and nx in lang, 1330-1355 EE,
nx, cmntry, ID, fair (Earhart 12-16/21, Tobin)
- 11950 LIBERIA ELWA; 2045 EE, nx, fair (Pyatt 12-25)
- 11960 CUBA RHC; 0215 SS, LA mx, (Cole) (Russell 1-4)
- 11965 GERMANY (FR) DW; 2050-2110 GG, mx px, IS, nx by M, ID by W, good, but poor mod./
UNID; 0155-0228* SS, orch mx, vocals, time pips, no ID, fair (Earhart 12-30). Next.
- 11970 ECUADOR HCJB; 2207 Andian mx, 2218 SS kids story w/animal sounds, //6050, fair-
good, (Hauser 12-10); 0225 EE ID, Christmas mx, (Cole). Prob Ken's Unid.
- 11980 USSR unknown FE site, no longer used for RM to NA 2100-0730, no sub noted (Davis)
- 11985 ALBANIA RT; 1225-1229* Indon, tlk and Mx, ID, trumpets, fair-poor (Earhart 12-21)
- 11985 UNID; *1230 RR, just after Tirana s/off, mx, tlk in AA?, USSR not listed (Earhart)
- 11990 USSR Mayak HS; 0215 RR, Hungarian type folk mx, IS, ID, fair (Hauser 12-2)
- 11990 CHINA RP; 0015 Burmese svce noten here, NF, (Padula-Australia 12-21)
- 1200ONF CZECHOSLOVAKIA RP; *0530 Greek, new svce and NF, (Padula-Australia 12-8)
- 12020 USSR RM; 1250-1316 RR, possibly Asian, fading, class mx, tlk, (Earhart 12-21)
- 12025 ISRAEL IBA; 2000 EE nx, fair (Zilmer 12-28); 2000-2050 EE, report of Israeli
alert, px sched, poor (Schwartz 12-21); 2040 EE Sat DX px, good until CIA's KKN50
came on w/CW marker on 12022.5, (Hauser 12-28); 1758-1808 Romanian?, ID, mx, tlks,
trumpet IS, Time pips, strong (Earhart 12-21)
- 12045 ISRAEL IBA; 1515 HI, pops, ads, //11643, fair (Zilmer 12-29) (Hauser)
- 12050 USSR Asian site RM; 1748-1756* AA, tlks, ME mx, fair (Earhart 12-21); 2208 KK, /
- 12070 USSR RM; 1630 FF/PP to Africa, nx, drums, fair (Hauser 12-11)
- 1212ONF USSR HS; 1030-1200+, (Willis-Australia 12-20)
- 12150H HONDURAS LV del Junco; 2210 SS, mx, ads, TC, good 2x6075 (Hauser 12-10)
- 12150 CLAND (VEN) R Euzkadi; 1945 SS tlk by OM, //12080, ID, 1956*, good (Robins 12-20)
- 15070 ENGLAND BBC; 1615 EE cmntry, (Cole)
- 15084 IRAN R Teheran; 1720-1730 Farsi, ID, fair (Schwartz 12-22)
- 1511ONF CZECHOSLOVAKIA RP; *1430-1458 EE, on clear freq, (Willis-Australia 12-5)
- 15110 N ZEALAND NZBC; 0000, 0300, nx, wx, quiz show, horse race, ID, mx, poor-good,
(Zilmer 12-20, Talbot 12-13)
- 15110 USA WYFR; *1845, 1834 EE, rel px, mx, poor (Talbot, Miller 12-25)
- 15110 MEXICO R Fiesta; 1830-1840, 1630, 1946, 2010-2200, 0505 SS, IDs,
Mex pops, phone calls, sometimes QMed by WYFR, absent for a while, (Hauser
12-27, Lineback 12-31, Courtney 12-27, Miller 12-29). Hauser reports using
ID as Radio Seis (6-3) on 1-8, change from rancho format to tropical mx.
- 15115 UNID; 0320-0355 f/o, SS, ID as R Space y Musica Tropical amnt after each record,
preceded by wild siren-like whistle, (MacLeod 1-9). That's R Seis Mac, possibly
var from 15110. Ye ed hrd both R Seis and R Fiesta IDs being used 1-18 on 15110
only, 11880 not hrd, super level.
- 15115 ECUADOR HCJB; 0200 SS futbol coverage, secular SS px, (Hauser 12-28)
- 15115 SAUDI ARABIA BSKSA; 1420 Urdu ID, (Willis-Australia 12-7)
- 15120X FRANCE ORTF; 1130-1300 gone as of 1 Jan, part of cutback, (Magne)
- 15125 ISRAEL IBA; 0805 relay of Home Service 2, Ads, TC, ex 15130, (Padula-Australia)
- 15130 USA WYFR; 1845 EE rel px, not //15110, 2200 EE //17845, not in sched, (Talbot 1-5,
Hauser) 12-15)
- 15130NF AUSTRALIA RA Lyndhurst; 0748 EE Cricket, special tx at 10 kw, (Willis-Australia/
15130 GREECE EIRT Athens; 1045 Greek to Cent Africa, rel svce, rare (Padula-A 12-25)
- 15130X ISRAEL IBA; *1130-1230* dropped tx 1-1, chance it could be reactivated, (Magne)
- 15145 SPAIN RNE; 2020 SS, general service with mx, tlk, poor (Trautschold 12-29)
- 15150 CHILE VoC; *2210-2230* Gong IS, EE ID & nx, 0235 EE, ID, 2320 RR, 0140 SS, poor-
good, some flutter reported, (Cress 12-28, Courtney, Schwartz, Zilmer, Hauser)
- 15155 S AFRICA R RSA; 2100-2112 EE, nx, tlk on US trade law, 1840 GG, var px, some
Christmas mx, *2230 IS, ID, EE nx, 2245 EE, all mx replacing S Afr Panorama 1-1,
Brunner, Miller 12-25, Robins 12-7, Talbot 1-1)
- 15155 FRANCE ORTF; 1623 FF, best of //15160, 15120, class mx, (Hauser 12-11). Gone now?
- 15165 DENMARK RD; 1327 IS, EE/Danish ID, 1346-1348* EE ID, tx to Greenland, good, (Hauser,
Robins, Schwartz)
Courtney 12-17)
- 15170 TAHITI RT; 1715-1830 FF, rock, 1900 EE nx bulletin, wx, fair-poor (Cole, Hauser, /
- 15170 LIBERIA ELWA; *2000 lang, tlk, mx, fair (Zilmer 12-28)
- 15175NF S AFRICA R RSA; 1847 FF, nx, ID, IS, fair (Miller 12-25)
- 15175 NORWAY RN; 1600 EE, Norway this week, poor (Zilmer 12-29, Slaff 12-22) horst)
- 15180 USSR R Moscow; 2200 EE, 2302-2325 EE, nx, cmntry to NA, good (Cole, Hauser, Raven- /
- 15185 FINLAND RF; 1400-1430 EE, nx, features, poor-good (Tobin, Schwartz, Earhart)
- 15185 HOLLAND RN; 1715 DD, rel mx, fair (Zilmer 12-25)

- 15190 CONGO RTVC; 1340-1355 FF, mx px, heavy QRM, poor, (Powers); 1855, 1955-2000 FF, nx, Afro mx, tlk, fair-good (Miller 12-25, Schwartz 12-25, Willis-Australia)
- 15190 ETHIOPIA BTL; 1600-1611 Farsi, EE ID and s/off amnt, good (Cole) (Hauser 12-28)
- 15195 CANADA BBC RELAY; 2110 EE WS, bad relay sound, 2115* no local ID, not strong / st)
- 15195 JAPAN NHK; 2300-2313 EE, mx, nx to Asia, DX px, poor-good (Zilmer 12-23, Ravenhor/
- 15205 MOROCCO VoA; 2014 EE, ID, comment of Scali UN speech, poor (Schlaff) Greenville Ist.
- 15205 USSR RP&P; 1430-1455 AA, ID at 1455, new service, (Willis-Australia 12-5)
- 15210 USSR Chita RM; *2020 CC to asia, usual fade out between 0330 and 0400, polar fade, weak signal, (Davis)
- 15220 HOLLAND RN lopik; 1900 FF, mx, ID, (Cole)
- 15230 CUBA RHC; 1845 SS, 1550, 1912 SS, mx, nx, ID, good (Talbot, Cole, Miller 12-25)
- 15235 JAPAN NHK; 0115 EE, tlk by man, not readable, ID, very poor (Russell 1-7)
- 15240 YUGOSLAVIA R Belgrade; 1530-1555 EE, nx, tlks, rev. songs, QRM heavy at times, fair, first reception since 1973, (Brunner).
- 15240 GERMANY (DR) RBI; 1405 GG, to Mid East, ex 17795, (Padula-Australia 12-24)
- 15245 GERMANY (FR) DW; 1329-1331 GG, IS, ID, nx, fair (Russell 12-27)
- 15245 ZAIRE Kinshasa; 1725-1830 FF, IDs, cmntry, Afro mx, fair (Schwartz 12-22)
- 15260 ASCENSION IS BBC; 2029 EE, ID, letter box, fair (Trautschold 12-29)
- 15260 HOLLAND RN Lopik; 1405 EE to SEA, ex 21570, excellent, (Padula-Australia 12-24)
- 15265 ECUADOR HCJB; 2030 SS, ID, rel mx, fair (Trautschold 12-29)
- 15265 MALAGASY REP RN Talata; 1250 DD to SEA, ex 15260, (Padula, Willis-Australia)
- 15270 JAPAN NHK; 2350-2356, 0000-0015 EE, nx, cmntry, ID, poor-good w/flutter, (Cress 12-18, Russell 1-8 //11725)
- 15270 GERMANY (DR) RBI; 0830-1000+ unsched special relay of home service in GG, much pop mx, under Peking after 0900, 12-25 only, (Willis-Australia)
- 15275 UNID; 2345 SS, sports tlk, unreadable, Uruguay? or who?, hrd a couple of times, very poor (Zilmer 1-6). I dont know, any ideas?
- 15285 HUNGARY RB; 1012 Turkish svc, nat songs, Sat only, rare, //17890, (Padula-A 12-14)
- 15290NF AUSTRALIA RA; 0335-0350 EE, African Svc, World of Mx, fair (Mayer 12-14)
- 15290NF ECUADOR HCJB; 1900 EE rel px, excellent (Pyatt 1-2)
- 15290 ARGENTINA R El Mundo; 0017 SS, sports discussion, good (Hauser 12-24)
- 15295NF SABAH, R Malaysia, Kota Kinabalu; 1605 AA, ID, ex 15275 (Willis-Australia 12-21)
- 15300 CUBA RHC; 1550, 0500-0600 SS, mx, ID, (Cole, Willis-Australia 12-17)
- 15305 SWITZERLAND SBC; 1535 EE, Petula Clark songs, feature, fair (Zilmer 12-29)
- 15320NF MALTA DW; *1400-1450* AA, //15245, big signal (Willis-Australia 12-5)
- 15320 AUSTRALIA RA; 0219 announcing that Darwin relay off the air, reduced signal announced, good (Hauser 12-26)
- 15330 GERMANY (DR) RBI; 1405 FF to Africa, ex 15130, xed AFRTS, (Padula-Australia 12-24)
- 15345 ARGENTINA R Nac; 1310 SS, LRA ID, wx summary, fair (Hauser 12-21)
- 15345NF GREECE EIRT Athens; *1400-1450*, greek, replaces 9520, over VoA, (Willis-A 12-7)
- 15360 MOROCCO RTM; 1200-1500 big signal, often blocked by USSR or France, (Willis-A)
- 15365 CANADA BBC relay; 1700-1830 EE WS, no local ID, nx, good (Miller, Courtney, Hauser, Cole, Magne, Zilmer). Rept since 12-23.
- 15375 CYPRUS BBC; 1830* EE, radio newsreel, good (Agner 12-27) Sure it wasn't 65?
- 15380NF SAUDI ARABIA BSKSA; *1400 AA over jammer, 1505 AA nx under jammer, mx, tlk, (Willis-Australia 12-7, Hauser 1-1 reported as unid, but probably SA)
- 15390 VENEZUELA R Nac; 2229 EE, tlk about visitors in studio, mx, good (Robins 12-20)
- 15415 SAUDI ARABIA BSKSA; 0810 AA speech, ex 15145, (Padula-Australia 12-23)
- 15415 KUWAIT RK; *0815 AA, HS pz, replaces 21605, (Willis-Australia 12-12). Hey fellas, which is it or both?-ed.
- 15430 SWITZERLAND SBC; *1315 EE to FE, ex 21520, good (Padula-Australia)
- 15440 PHILIPPINES FEBC; 2330-0000 EE, SW Mailbag, 0000-0030 Mandarin, excellent to poor, (Ravenhorst, Meehan)
- 15440 USSR R S Atlantika; 1700 ID, RR nx, (Tobin)
- 15445 PHILIPPINES FEBC; hrd here w/EE at 0535 on 12-16, tx drift?, (Willis-Australia)
- 15475 EGYPT R Cairo; 1000-1200*, big signal, AA, (Willis-Australia 12-16)
- 15485NF ISRAEL IBA; *1430-1640* RR, w/jamming, ex 15490 to avoid Moscow, week daily since 1-1, other minor QRM, (Magne)
- 15789v CLAND Vo Malayan Rev; 2345-0004* Tamil, tlks, reading prop literature, NA and ID, *1330 CC, to 1448 in CC/Lang, poor-good (Gavaras 12-15, Magne, Robins 12-12)
- 17625 EGYPT R Cairo; 0930 AA, faint, (Willis-Australia 12-5)
- 17705 USA VoA Dixon; carrier on 0109, px at 0128 w/ID, special tx to Asia, nx, fine waste of energy, (Hauser 12-27). Write your friendly Washington bureaucrat again.
- 17710 SWEDEN RS; 1402 EE, 1445-1500 Swedish, 1500 FF, IDs in FF/EE/GC/RR, good (Levy, Schwartz)
- 17715 AUSTRALIA RA; relaying BDR back to Darwin, disaster info, 0700, 0001, 12-26, 12-27, (Hauser, Padula-Australia)
- 17720 BANGLADESH Dacca; 0450 EE to ME, nx, ex 17745, xed VoFC here, (Padula-Australia)
- 17735 CHINA RP; 0831 Indon, strong in the middle of my night, (Hauser 12-25, //17795)
- 17735 CUBA RHC; 2000 SS, ID, tlk, mx, not //17885, fair-good (Trautschold 12-29)
- 17735 IRAN RI Tehran; 0745, //15084, over RFE, usually RM here too, (Willis-Australia)
- 17760NF GREECE EIRT Athens *0800-0920* Greek, ex 15345, mix w/R Liberty, (Willis-Australia)
- 17765 RWANDA DW; 1232-1243 EE, px to Africa, interview with Chana official, ID, nx, fair-poor with QRM from France? on same freq, (Earhart 12-31)
- 17770 NEW ZEALAND NZBC; 1855 EE, ID, Australian svce, (Tobin)

- 17775 USA WINB; 1840-1930* EE rel px, very noisy, (Earhart 12-16)
 17780 S AFRICA R RSA; 0548 FF tlc, ID, //11900, distorted, only sta on 16 m, 1605
 EE nx, (Hauser 12-25 and 12-11)
 17792RF ALGERIA RTVA; *0900 mixing w/BBC, AA svc, 1604 AA, //21565 (Willis, Hauser)
 17795 AUSTRALIA RA; 0100 world of mx, tlc, fair (Sigler)
 17795 NORWAY RN; 1305 NN, 1425 EE, (Levey 12-22, Padula-Australia ex 17825, 12-25)
 17795NF FRANCE ORTF; 1410 FF, //17720, 17730, 17765, fair (Magne)
 17810 PHILIPPINES FEBC; 0007 EE, christmas mx, poor (Meehan)
 17830 NETH ANT RN; 1915, 1925-1935 AA, mx, ID, strong (Earhart 12-8, Talbot)
 17840 ASCENSION IS BBC; 1530 EE, Opera, good, (Levy 12-22) 12-31)
 17845 PAKISTAN R Pakistan; 1255-1322 Urdu, tlcs, class violin/orch, FF song (Earhart /
 17850 FRANCE ORTF; 1030-1115 EE, amnt as Radio France, (Willis-Australia 1-2)
 17880 MALAYSIA BBC; 2355 EE, world nx then nx abt Britain, ID as FE relay, poor (Meehan)
 17890 TAIWAN VoFC; 0200-0350 EE, nx, Asian mx, IDs, (Tobin)
 17900NF VATICAN VR; *1200 in various langs, mix w/RM, (Willis-Australia 12-9)
 21450 GERMANY (DR) RBT; 0930-1030, //21465 GG, special Christmas day px, (Padula-A)
 21460 GREECE EIRT Athens; 0930 Greek to Australia, ex 17760, (Padula-Australia 12-25)
 21460 SAUDI ARABIA BSKSA; *1100, 1303 AA, ID, ex 17860, (Hauser 12-11, Padula 12-7)
 21460 BELGIUM RTB; 1512-1530 DD, sports rept, cmtry, ID, mx, good (Schwartz 12-22)
 21495 PORTUGAL RP; 1405-1410 EE, mx, nx, poor, sloop from VoA, (Earhart 12-31)
 21535 S AFRICA R RSA; 1355-1405 EE, organ mx, ID, nx, fair (Earhart 12-31)
 21545 GHANA RG; end of EE px 1528, ID, IS, then off, ID as VoRevolution, fair (Robins)
 21560 ITALY RAI; 1535* II, special freq usually used only for Sunday soccer, //21695 on
 12-22, music fill noted from 1500, good (Hauser) (Earhart 12-31)
 21565 ALGERIA RTVA; 1410-1420 AA, AA string mx, female singer, very long numbers, poor/
 21585 SWITZERLAND SBC; *1530 IS, prob PP, weak, (Robins 12-7)
 21600 GERMANY (FR) DW; 1422-1432 Amharic to Africa, tlc, mx, fair (Earhart 12-31)
 21615NF ALGERIA RTVA; 1000 AA, replaces 21565, (Willis-Australia 12-19) (Earhart 12-31)
 21700 PORTUGAL RP; 1432-1447 FF/PP, mx, songs, poor mod, to west Af, Braz, poor-fair/
 21710 ENGLAND BBC; 1220 EE, top twenty pops, //11905, poor (Courtney 1-2)
 21711.5 ALGERIA RTVA; 1805-1815 FF, tlcs, good but not audible past 1845, (Powers)
 21745 HOLLAND RN Lopik; 1100 DD to SEA, ex 17715, (Padula, Willis-Australia)

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For those keeping track of reception vs solar-terrestrial conditions, the solar
 flux (a measure of the suns activity) peaked weakly on 12 January. It may again peak
 about 5 February and again 1-3 March. Mildly disturbed geomagnetic conditions were
 noted 4-8 January and 13-18 January. Disturbed conditions may again be noted around
 1 February, 10 February, and 1 March. Solar activity peaked at a measly 85, the lowest
 yet of the current solar cycle and the lowest average since last winter. In general, lower
 solar activity means that the intensity of geomagnetic storms will be less.

Thanks again to all reporters. We will be looking forward to hearing from you
 again next month. Good DX to all.

73 from

NASWA

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Address Correction Requested



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