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November 1988



Imagine—just imagine!—my surprise when I opened up my October FRENEX and found no CONTACT! Whew! I can't answer for the USPS, and Bill Oliver tells me that he hasn't received last month's column yet. I have determined to take the larger and more charitable view that the USPS has been recently undergoing a period of less than favorable propagation conditions...

This is going to be a—how shall I say it?—a housecleaning column. I'll discuss issues to do with letters in a bit. First off, I am in the process of moving (very ugly, very nasty, and I hate it: I would personally like to wring the neck of the jerk who invented books) so be sure to send all communications to: Stephen Moyer, 134 Mathewson Street, Providence, Rhode Island 02903. Further, please don't hesitate to use E-Mail if you have access to it. In any case, I've never had a problem with lost E-Mail.

I hope that your listening has been interesting and stimulating in the past few months. I have recently had the pleasure of seeing several additions to SWL: some friends became interested in the kinds of things I was telling them about and decided to see (or rather hear) for themselves what it was all about. Interestingly, they all choose a SONY: either the small ICF-2003 or the larger ICF-2010. In each case they have been completely delighted with the results: I hope we'll have some new NASWA members eventually. It is a good time to encourage people to get into SWL as propagation conditions are on the rise and will continue to get better for a few years. Give it a try and let us know what happens here in CONTACT.

Let's see here—what's next? Oh yes, a new book, or, rather, a new edition of an excellent reference: *1989 Passport to World Band Radio*, Larry Magne, Editor-in-Chief. The PWBR is divided into four sections: 1) How to Hear the World, 2) 1989 Buyers Guide to World Band Radios, 3) Worldscan, and 4) Glossaries and Guides.

Part one consists of a number of small but interesting articles including an interview with James Michener (Hawaii). The focus here is on techniques of listening and helping listeners to sort out what is available on SW.

Part two (the Buyers Guide) manages to cover just about every SW radio in production—and even some that no longer are. Some technical articles are to be found in this section to help listeners with audio and antenna problems. Both of these sections are relatively free from jargon and are lucidly written. As such, they make the PWBR a very good choice for a gift to someone who is just starting out in SWL—Christmas is coming.

Part three is the meat of the work: it is a listing (by frequency) of everything that is available in terms of standard SW broadcasts (that is, there are no utilities listed—other than broadcast relays). Frequency range is 2260kHz to 25730kHz. In the compact, graphical format that has distinguished the PWBR from the beginning, a lot of information is given: frequency; times of the broadcast; languages; target areas; indications of alternative frequencies; jamming; transmitter location; and transmitter power. This section of the PWBR is absolutely essential if you spend any time at all scanning the bands in search of something interesting. Be aware, too, that this section of the work is based almost entirely on monitoring: in other words, someone, at some point, actually heard the listed station at the listed frequency at the listed time, etc. That goes a very long way indeed toward raising the confidence factor associated with the information contained in the PWBR. There is also a separate cross reference (pp. 127–136) that lists broadcasts by country and gives frequencies, times of broadcasts, and target areas. This last represents a welcome expansion over previous years in which the listing-by-country gave

only the broadcast frequency (not the time).

Part four is a multi-lingual glossary and reference for the PWBR, and includes a listing of advertisers.

The cost of the work—\$14.95—is virtually insignificant compared to its utility. For the SWL this is just simply a necessity, and I can recommend it to you without any hesitation at all. It is available from every SWL retailer that I know of. You should count on about \$2 for shipping and handling.

On to a letter from *Tim Davisson* (Cuyahoga Falls, Ohio). He offers a number of things to think about:

Recent letters have stimulated me to write CONTACT and add my 2¢ worth about the plight of our hobby, SWLing.

It seems to me that several significant events have affected the growth/participation in FRENDEX and the hobby over the past 10 or so years, and that these happenings will continue into the 1990s and perhaps beyond.

Here goes: 1) more competition for leisure activities/hobbies. Wow, you name it... fitness activities... computers... second jobs (would you believe?)... cars... other collecting of items... etc. 2) Fewer teens in the population. Yes, due to a lower birth rate in the 1960s and early 1970s there are fewer teens in the population... a lot fewer than in previous decades. And didn't most of us get into the hobby in our teens??? (This is also beginning to cause real problems for companies who offer minimum-wage jobs, traditionally held by teens.) 3) DXing is less challenging these days due, I feel, to the explosion of 250kW++++ powerhouses and relay stations. I feel that most of us got into SWBCing and were excited by collecting as many countries as possible, and, in some cases, collecting QSL cards. Now, I'm not saying there's no DX left... just not as much. After 23+ years in commercial broadcasting perhaps I'm biased, but I don't believe most DXers got into the hobby for the purpose of program-content listening.

Music content: contemporary music, be it American, British, Canadian, etc., seems to be as close as you can get to "international" music. Rock 'n' Roll is loved by millions worldwide. I'd enjoy hearing more "traditional" music too, but, you'd be surprised how much contemporary (American, British, etc.) music is played on local radio in countries all over the world, English-speaking and non-English-speaking countries. Check out Billboard magazine's International chart section weekly.

Hopefully my comments will stimulate further discussion.

My advice to promote growth in the SWBC hobby effectively? Contact/motivate the equipment manufacturers. They have the money and vested interest in promotion.

Some interesting material there to think about. I can't help it: I do have one observation to make on the music issue. I admit that my original remarks were, well, a little on the conservative side, and I was making reference principally to traditional music. But popular music also suffers from a kind of English-speaking (and mainly American/British) chauvinism: Germany, for example, is alive with all kinds of interesting kinds of popular music. But what do we hear on DW's daily playing of the "Pick of the Pops?" Most often it is the most recent record from Britain or America—I am, in any case, frequently struck by how infrequently a German piece of pop music makes it to the top ten in Germany. It is not, I know for a fact, due to a lack of quality or a lack of material. Radio France International, in contrast, does a rather better job of showcasing their own pop music. Comments, anyone?-

Well, that is about it for this time around. Please drop us a note. As I've said before, CONTACT is your column. Let's hear from you soon. Good DXing, and many of the very best 73s—



Easy Listening

Editor: Alex Batman, 300 Hill St., Apt. 6, Boone, NC 28607

The material for this months column is part II of the DX program review submitted by Tom Lakowski.

DX Programs: A Review, Part II

For those DX'ers wishing to increase their country totals and fatten their logbooks, FRENEX is an excellent source of DX news. However, a month between bulletins seems like a long time to wait. An alternate source of timely tips and up to the date DX news is the DX Program. Tom Sundstrom's excellent English Language SW Broadcast column listing these programs is a great source of up to date, accurate schedules. On the other hand, many of them offer little if anything in the way of useful information for the DX'er. I have been listening to as many of these programs as possible over the past few months and have compiled this DX program review which is based upon the following criteria where applicable: 1. Timeliness of the DX tips, old news is often of little value. 2. Accuracy of the DX news eg: correct frequencies, station names, etc. 3. The usefulness of the news to the DX'er. To be as fair as possible, I have made an attempt to listen to at least 5 consecutive airings of each program in order to get a complete picture of what the program offers. I have devised the following rating system to provide an overall evaluation of the program.

- A: Excellent, don't miss this one.
- B: Good, quite useful to all DX'ers.
- C: Fair, not that big a deal if you miss a week.
- D: Poor, nothing useful here.
- F: Awful, hope for QRM.

On to programs: (in no particular order)

Radio Moscow, DX Program

Of all the DX program I listened to, this had to be the worst. It's just plain awful. I can't imagine anyone getting any useful information from this program. The DX news is very inaccurate and station names are consistently pronounced wrong. Also, answers to listeners questions are about the stupidest things I've ever heard. Rating- F

Radio Australia, Communicator

This is a program dealing with all aspects of communications in Australia, such as TV, computers, or anything else having to do with Australian communications. Recent topics have included the Mount Everest expedition, Australian DX conventions, voice synthesizers for the blind, or the Royal Doctor Flying Service and its use of radio. Communicator is not overly abundant in DX news but the news presented is quite good, and is an especially good source of DX news from the Pacific region of Asia. Mike Bird provides his solar forecast at the end of each program. Rating- B

WRNO, RFPI, various others, World of Radio

Glenn Hauser does a good job in combining DX and broadcasting news from a large variety of sources into one program. W.O.R. is an excellent source of timely and very accurate DX tips, station news, and news about a variety of other topics. The main emphasis is on shortwave but there is plenty of other news here such as TV DXing, medium wave, and ham DX news. Glenn also places a good deal of emphasis on SW programming and upcoming programs. WOR's greatest strength is its accuracy and timeliness of station news. Rating- B+

Radio Netherlands, Media Network

This is not really a DX program but a review of weekly media developments, with an emphasis on shortwave, TV, satellite, and computers. MN does more than just report on media developments but often goes into the why and by whom question of broadcasting. MN is very up to date since it is produced just a day or so before broadcast. This one is not abundant in DX news either but provides some DX news almost every week by a few regular well known DXers, Victor Goonetilleke in Sri Lanka, Arthur Cushen in New Zealand, and Richard Ginby in S. Africa. John Campbell also occasionally provides a review of clandestine operations. Media Network is one of the most creative programs on the air and is a real pleasure to listen to. Each program ends with a solar report by Mike Bird. Make this one a part of your regular listening. **Rating A**

Radio RSA, DX Corner

I've always liked this program mostly because I'm interested in DX'ing Africa. DX Corner usually looks at a specific topic each week. Some recent ones; A Look at WWV, What's the Difference Between an SWL and DX'er, TV Dxing, or DXing the 60 m Band in S. Africa. The DX news is usually the same recorded segment provided by DX clubs as on HCJB. Other DX news provides a look at stations in Africa and is very useful. This program used to be much better. **Rating- C**

BRT, Radio World

This program consists mostly of station news with an emphasis on schedule changes. There were also some loggings reported as well as some pirate station items in a few programs heard. I found a majority of these items to be about very common stations and were somewhat out of date. Overall this one is OK but not that useful. **Rating- C**

VOA, Communications World

This is an interesting program about all aspects of communications. But it certainly has very little to do with DXing. Some past items have included news about telephone operators, supermarkets use of computers, air traffic disruptions, and remote sensing satellites to name a few. The only things having to do with radio have been a program on the history of radio and an explanation of why stations seasonally change their frequencies. As a DX program this would rate a D. Nevertheless, it is an interesting program.

Kol Israel, DX Corner

This program is so short that if you don't listen at the right time, you'll miss it. Some of the things that this program provides are schedule changes for KJ, receiver reviews, lots of news about cable TV, or answers to listeners letters. Not that good, it's too short. **Rating C**

KTWR, Pacific DX Magazine

This would be a good program for the beginner also. Some of the topics heard has to do with early radio, 500 kW stations, Q-codes, letters from listeners, or antenna construction. One of the more interesting items heard was on the world's most powerful station, a LW station in Europe I believe. Reception of KTWR is not always reliable depending on your QTH but give it a try anyway. **Rating- C**

RCI, SWL Digest

Hosted by the popular Ian McFarland, this is without a doubt the best DX program on the air. The first program of each month features an in-depth receiver review by Larry Magne; useful to anyone planning to buy a new radio. Other features include reports from ANARC and EDXC, reports from Tony Jones on the broadcasting situation in Central and South America, a report called Don Jensen's Journal, which is a menagerie of all manner of current or nostalgic views, shortwave broadcasting, or letters from the technical mailbag. Often there are other topics of communications in Canada presented. The final 7 minutes of SWLC are saved for Glenn Hauser and his DX news report. The news is mostly of what would be considered rare and difficult DX. It's presented rather quickly so make sure you have a tape recorder running. If you call yourself a DXer, this one should NEVER be missed. **Rating- A**

DX'ers Forum

Dedicated to Furthering
the Art, Science and
Enjoyment of DX'ing

Conducted by Rowland Archer, 5524 Hawthorne Park, Raleigh, NC 27613 November, 1988

CASH ACCEPTED

Don Moore sends kind words about the DX'ers Forum series on QSL'ing that Kirk Allen and I wrote. In that article we warned that possession of foreign currency, e.g. US dollar bills, was illegal in Peru and other LAm countries. We said that because of this, you might get station personnel in trouble by sending them dollar bills to cover the cost of return postage, although we noted that it's still a popular option.

Don has personally spent a LOT of time in Central and South America, and sends the following first-hand report: "...there have been reports that possession of foreign currency is illegal in Peru. That is true, but it has been taken too literally, and needs to be put into perspective. Such laws are not uncommon in Third World countries with a debt problem. The law is meant to force people with dollars to exchange to do so at banks and official exchange houses. Thus the dollars are channelled to the government, and go to help pay for the foreign debt. The purpose is to keep dollars from being sold in the black market, where they end up in foreign bank accounts held by the rich, instead of helping the government pay off its debt. Thus, the law is meant to prosecute these black marketers, who divert hundreds of thousands of dollars (and more), not an individual with a couple of dollars, especially if that person takes the money to the bank to exchange ... I wouldn't worry about sending a dollar bill to a Peruvian station." Thanks for the tip, Don!

LOTS OF CASH ACCEPTED

Rich D'Angelo sent us a copy of a reply he received from William Lukozu, the v/s at Radio Zambia who has issued a number of QSL's (including mine, sorry Rich!) in the past few months. Unfortunately for Rich, instead of a QSL Mr. Lukozu sent the following plea in his August 12, 1988 letter:

Dear Mr. D'Angelo,

Sorry for not responding to your letter in time. This is due to the fact that my personal Dubbing machine broke down sometime back, hence I cannot or it has become difficult for me to confirm the Reports like yours.

However, I have taken the machine for repairs at a local shop who has charged me 100 U.S. dollars which I am struggling to rise *[sic]*. As soon as I rise the said amount I will definitely work on your cassette and confirm whatever is on it.

Mr. D'Angelo if it is possible help me to rise 100 U.S. dollars, I will really appreciate the gesture. You can enclose it in your letter to me.
Hope to hear from you soon.

Yours Sincerely,

William Lukozu
Zambia Broadcasting Services
Mass Media Complex
P.O. Box 50015
Lusaka, ZAMBIA

Rich notes that interested FRENDX readers are welcome to help William pay for his, uh, machine. Oh, one more thing...Rich did NOT send them a cassette report!!!

CASH FOR SALE

Don Moore also sent us some excerpts from a 2 page letter he received from DXer Dione Blas Rojas, who is the v/s at Peruvian station *La Voz de la Selva*, heard regularly here on 4825 kHz:

"..She is willing to verify LV de la Selva, as well as obtain veries for other Iquitos stations for \$1 per veri. Notes that Radio Samaren, active in the 70s, is now called Radio Amazonas. She is a journalist, and is only working here because she can't find work in Lima. She misses here family and plans to move back to Lima as soon as possible. So would advise going after veris ASAP.

As to the station, she says it is very well run and owned by the Catholic church. Manager is Senorita Olga Jauregui, and director of programming is Hermiana Dulce Nombre, a Franciscan nun. Station was refounded 16 years ago, after its predecessor, Radio Mariana, had been off the air for a while. Station has approx. twenty employees. Programming is educational and cultural, and is aimed at the campesinos in Loreto Dept. Station uses 10 kW. Station sked is somewhat irregular because of brownouts due to insufficient electric supply in Iquitos. Their section of town usually gets shut off on Tuesday and Friday afternoons, though occasionally other times too.

Dione notes that postage to USA just raised from 30 to 85 Intis. (Approx 200 Inti = US\$1). I asked her about buying mint stamps for DXers, and she is willing. However, because stamps in Iquitos are usually only available in small denominations, it would be very impractical -- she would literally have to stuff the envelope with stamps. Instead she says that she

can send nine 100 Inti bills for US\$5, which includes her costs to send them via certified mail. If you would like the stations to reply via certified mail, the cost is 135 Intis, and she can send six 150 Inti bills for US\$5.

With the big hike in postage, I doubt that it will rise again real soon. [Ed. Note: according to a recent note from DX stamp seller and NASWA member Bill Plum, it has risen again already! I can't find his note so I can't give you the exact new amount, although by the time you read this it's probably changed anyway!] Still, I keep an eye on LAm economics and the currency devaluations, etc. The amounts stated here probably won't be good for more than three or four months,

so get the bills and mail the reports. Probably by Christmas, you'll need a 150 Inti bill just to pay for a regular airmail reply. Of course, as the exchange rate also changes, Dione will presumably vary the amount and value of bills she sends for \$5. Her address is: Señorita Dione Blas Rojas/ La Voz de la Selva/ Abtao 255/ Apartado 207/ Iquitos, PERU.

Thanks for sharing this information and valuable resource with FRENDEX readers, Don! For our feature article this month we are proud to present Part II of John Bryant's fascinating article about travelling and DX'ing the Great Silk Road. This month we reach China!

DXing the Real Orient Express - THE GREAT SILK ROAD

Part II

by John H. Bryant, A.I.A.

From Urumqi, Uygur Xinjiang Autonomous Region, China:

Dear Aunt Mabel and Uncle Rowland:

Last month, I wrote to you about our travels over the western half of the Great Silk Road. We followed in the dust of over a thousand years of transcontinental caravans and the armies of Alexander the Great. We left Teheran going east and travelled primarily through deserts, from oasis to oasis, from Ashkhabad to Merv to fabled Samarkand. Leaving Samarkand, we chose not to take the 'easy' northern route of the Road through Tashkent, Frunze and Alma Ata. Instead, we chose the 'safer' main Great Silk Road over the Pamir Range of the Himalayas to ancient Kashgar, now called Kashi. Kashi is the most remote city in the world. Even in the late 1980's, few Westerners have EVER visited Kashi. One of our reasons for the trip was to DX from this, probably the greatest inland SWBC DX location in the world!

Thanks to the decade of cooperation between the Russians and the Chinese in the 1950's, there is now a "road" from Samarkand over the 15,000' pass along the flanks of Mt. Lenina and over the crest of the Pamirs to Kashi/Kashgar. After resting for several days in Fergana, the last city of The West, we mounted our trusty jeep and headed across one of the highest passes in the world.

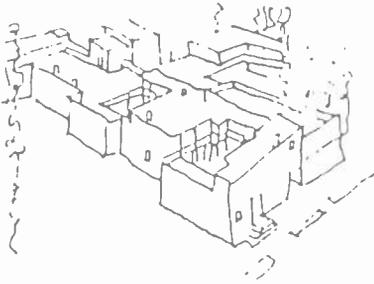
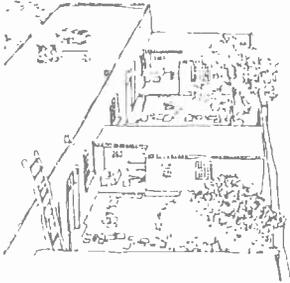
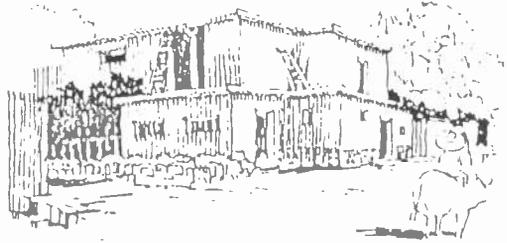
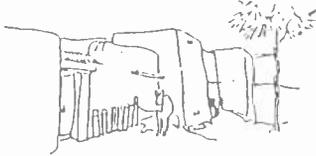
Once across the pass and out of the clouds and glaciers, we were finally in CHINA!!! As we crested the foothills and saw Kashi, we were shocked! Where were the pagodas? Where were the curving tiled roofs? The place looked just like Marrakesh! This was China?

As we entered Kashi/Kashgar, we realized why it looked so familiar: It looks exactly like the pictures of the Holy Land from children's Bible stories--one and two story flat-roofed houses with families using the flat roofs as bedrooms in the summer. When we arrived, they all seemed to be using their roofs to gawk at the funny looking foreigners. As our jeep stopped at the caravansary (yep, still in business), crowds of locals surrounded us, all wanted a closer look at these pale people that they had heard rumors about. Toward the rear of the crowd, fathers held young children over their heads so they can see these strange looking beings for themselves. Luckily, the local people were universally friendly and kind. An almost carnival atmosphere developed to celebrate our arrival over the Old Road. As we looked around the happy crowd, we saw a "chinese" face or two, but most were members of the caucasian group called "Uygurs" (pronounced WEE-GRRS!). After all, we are now in the Xinjiang Uygur Autonomous Region of the People's Republic of China.

When we asked the innkeeper why Kashi looks like Bethlehem, he talked about the armies of Islam that came this way in the 700's and brought their Arabic desert architecture with them. All the oases of the Great Silk Road used to look this way. Kashi is just so remote that "progress" has not yet arrived. We didn't even admit to ourselves that we spotted several pair of blue jeans in our welcoming crowd, and at least three Sony "boom boxes!"

Finally, we freed ourselves from our social obligations and, trusty 2010 in hand, headed for the roof. The millennium had arrived! Our local SWBC bands are very crowded and the geography tells the tale:

TRADITIONAL HOUSING
IN KASHI/KASHGAR
TYPICAL IN MUCH OF XINJIANG



| | | | |
|----------|-----------|--------------|-----------|
| Alma Ata | 250 miles | Kabul | 500 miles |
| Frunze | 250 miles | Islamabad | 450 miles |
| Tashkent | 400 miles | Muzzafarabad | 400 miles |
| Dushanbe | 400 miles | Srinagar | 350 miles |

Our favorites were Srinagar and Muzzafarabad. Srinagar is the Indian governmental headquarters in disputed Kashmir. AIR puts out many services from here, including medium wave, which was easily audible in Kashi at night. However, we listened to Srinagar B Service on 3277 in the evenings (1230-1737 UTC). With dawn enhancement, Srinagar has been heard in North America, but as we lean back and look at the stars, NEVER LIKE THIS! When we weren't listening to Srinagar, we tuned in Pakistan's Azad Kashmir Radio, Muzzafarabad on 3660 KHz (1 KW 1157-1804 UTC). It tends to vary a bit, sometimes up to 3665... however, this is the only SW transmitter operating from Muzzafarabad. The often reported 4790 service is actually transmitted from Pakistan's capitol, Islamabad. The 3660 transmitter has been heard even in central North America, but only under the most unusual circumstances. Actually, in Kashi, A-K Radio came in better on 792 kHz with 150,000 watts, but we'll need stories to tell when we get home!

We searched the bands for local radio from Kashi, but could not find any. There is probably at least a small medium wave outlet, but we didn't notice it in our band scan. There is almost surely a major Chinese (and American???) electronic intelligence base at Kashi/Kashgar; the Chinese read maps, too. WE DID NOT ASK!

After two days of rest and almost constant haggling at the bazaar (finest rugs in the world at the lowest prices), we joined our caravan for the trek along the most desolate, remote desert in the world, the fearsome Taklimakan. This football shaped 1000 mile by 500 mile depression is almost totally below sea level and is without known inhabitants. The Taklimakan is bounded on the north by the very high Tien Shan (Heavenly Mountains) and on the south by the backside of the Himalayas and the Tibetan Plateau. We knew that ahead of us was a 700 mile straight-through run on a single lane blacktop road. Along the Road we would periodically see sand covered ruins of ancient caravansaries, long abandoned to the merciless Taklimakan. We were rather reluctantly heading for the ancient oasis of Korla.

Luckily, we were aboard one of the seeming hundreds of Mercedes or Roman brand trucks which have replaced the Bactrian camels on the Road. Our drivers and the other truckers COMING AT US all seemed convinced that they each owned the entire center of the road and were willing to die to prove their point. We thought: "They know what they're doing" and "They ARE really good drivers," but we noticed far too many wrecks along the road. Thirty six incredible hours later, we careened into Korla.

Although we really needed to push on the Uygur capital of Urumqi, our driver, without explanation, told us that we must wait for two days. Do the Teamsters have a local here? We spent the time yarning with several elderly Uygurs. We learned that, except for a few expeditions in the late 1920's, almost no Westerners have reached Korla. National Geographic, eat your heart out! We spent the evenings monitoring the CPBS station from Urumqi, still 200 miles north of us across the (gulp) Tien Shan Range. I'll put my notes for Uncle Rowland's NASWA buddies at the end of this journal.

As we looked around at our Uygur and Tadzick companions--most of whom looked either like Pancho Villa's brother-in-law or red headed versions of Clint Eastwood--we realized why much of Urumqi's programming doesn't "sound Chinese." In the caravansary bar, we heard stories about when the Uygurs had an Empire out here across the whole of central Asia. (Who do you think ran the Huns and Mongols out?) We wondered if these are the remnants of the Ancient Masters which some Tibetan monks whisper about. We were told about a perfect pyramid, twice the size of Egypt's largest, with red, yellow, blue and black painted faces. It was seen 200 miles south of Korla by an expedition in the 1920's which was sponsored by one of the Chinese warlords. We asked if we could try to see the pyramid, and they reminded us that the Taklimakan to our south may look like the world's most remote desert, but western newspapers refer to it as the Lop Nor Rocket Test Range. THE ANSWER WAS NO!

About then, our Uygur head driver, whom we by now called MARIOANDRETTI WITHADEATHWISH told us it was time to leave for Urumqi. We caught ourselves correcting his pronunciation of his own city. After all, Mitch Sams has pronounced it YOU-ROOM-CHEE for years. Mario informed us, rather nastily, that he didn't care how "Han" Chinese spell it or how Arkansawyers pronounce it, the place was called OO-ROO-MOO-CHEE! OK, OK!

Well, we remounted the giant Mercedes diesel and headed straight into the Tien Shans. The Chinese built this "road" right after they split with the Russians in the late 1950's...just to prove that they could. It seemed to have been built by the lowest bidder or by an experimental physicist with unconventional ideas. As we rumbled along the high country (16,000') at record speed, we got a lot friendlier with the sheep--they had better coats than we do. Yes, Aunt Mabel, we had been riding in the back of a sheep truck since Kashi and were glad of it, too!

That long truck ride gave me time for a lot of reflection. Aunt Mabel, there are two things I'll never forget about the people here; first, I'll never forget what it felt like to be the one who looked odd and different and how it felt to be distinctly and obviously in the MINORITY. Wow, that was a real eye-opener! Secondly, I'll never forget the Chinese people. Everyone that we met was unfailingly friendly. No exception! More than that, they distinctly liked us and were fascinated to hear about how things were where we were from.... I'll be corresponding with the Uygur Mercedes truck aimer who we still call MARIOANDRETTI WITHADEATHWISH. We actually stayed with him and his family outside Urumqi for several days. His dream is to send his son to the USA for college. I'll bet it happens.

We finally arrived in Urumqi with only a few hours to spend before we grabbed our train (yes!) back to civilization. We spotted several radio towers west of the city and suspect that was the Provincial Broadcasting Station. There was no time to visit. A bath seemed much more attractive as did our first chance at a "real Chinese" meal. We were told that, for generations, the central government in China has been coercing "Han" Chinese families to move out here to "stabilize" the Uygur Xinjiang region. Folks keep moving back to central China every chance they get. Little wonder! About one-third of Urumqi's 100,000 people are "Han" Chinese from central China, and the meal was superb. We hitched our rucksack and the trusty 2010 on our shoulder, bid farewell to Mario and his sheep, and made for the railroad station.

We have been here at the station for three hours and the train is going to be several more hours late - sandstorm down the line. I'll write again when we get to Xian, the end of The Great Silk Road.

More notes for Uncle Rowland's NASWA buddies:

ALMA ATA: Home Svc (Kazakh Radio) sked is 0000-1930 on 4545, 5970, 6180, 9780, 11950. Also 0000-1800 on 5260, 5960, 9505, and 5035, per '88 WRTH. 5035 has been best NAM bet, but seasonal propagation. Best Alma Ata R. Moscow site has been 9610 in SP in NAM evenings.

FRUNZE: Home Svc (Kirghiz Radio) per WRTH is 0000-2000 on 4010 and from 0000-2004 on 4050. I'd suggest 4050 at grayline times from NAM.

URUMQI: The Chinese use Urumqi's transmitters along with those in Xian to cover the entire northwestern quadrant of the ancient Chinese Empire. Hence, Urumqi supports many Central Peoples Broadcasting Station (CPBS) services from Beijing as well as the normal responsibilities of the key provincial station in Uygur

Xinjiang Autonomous Region. Freqs incl: 2560, 3960v, 3990, 4220, 4330, 4500, 4735, 4799.8, 4790, 4980, 5075, 5440, 5800, 6100, 7050, 7385v, and 9595. If ya have a question, I'd consult Passport To Worldband Radio. I've found them to be, by far, the most accurate source in the arcane art of determining Chinese freq/xmitter sites. A number of these outlets are heard in NAM. We recommend 4735 and 5060 at local dawn in NAM.

REFER TO BODY OF JOURNAL FOR MUZZAFFARABAD AND SRINAGAR

* * *

DX'er Tom Laskowski sent us the following transcript of a Radio Canada International *SWL Digest* program first aired on December 7, 1981. Tom enjoyed the *DX'ers Forum* article on transmitter site identification and wanted to add some more input to the case study we ran on Azad Kashmir Radio. Although Tom admits this information is quite dated and may no longer be accurate, it is still a fascinating bit of history from the perspective of a well-known DX'er who lived near the station.

WHO'S ON THE AIR: Azad Kashmir

by *Adrian Petersen*

Transcript from *SWL Digest*
aired December 7, 1981

The story of radio broadcasting in Azad Kashmir is very interesting. And likewise, so is the story of how the station first began to issue QSL letters. Actually, Azad Kashmir in the Urdu language means free Kashmir. It is a slice of what once was the princedom of Kashmir which is controlled by Pakistan, while the Indian segment of the territory is known as Jammu and Kashmir.

It was back on April 16, 1948 that the first broadcasts were made from a radio station in what is now known as Azad Kashmir. These first broadcasts were made from a transmitter which was installed on the back of an army truck. The studio and other equipment were installed in another similar truck. This equipment was located at the edge of a town, Trarkhal, and it was in use for many years. All broadcasts were on the tropical shortwave frequencies, and the main channel in use at the time was 4815 kHz. Power rating for this original transmitter is not known, but it was probably of the order of about 1 kW.

A permanent station for Azad Kashmir Radio (AKR) was erected at Muzaffarabad some 12 years later. This new station officially opened on October 15, 1971. For many years there was a single 10 kW transmitter in use, and like its predecessor, it too operated on the tropical shortwave bands. A 10 kW medium wave transmitter tuned to 1512 kHz was officially commissioned on April 29, 1976. The entire facility of AKR is located in the one building on the edge of Muzaffarabad, the capitol town of Azad Kashmir. The offices, studios, and the transmitters of AKR are located in the one building. And there are three masts supporting the shortwave antenna system, and one vertical radiator for the medium-wave outlet.

Although many DXers had sent reception reports to AKR in years gone by, the only known QSL issued by the station before 1972 was a letter received by Allen Thompson in England.

Back in 1968 when I first went to Lahore under transfer from Australia, I often tuned in to AKR on shortwave. I sent several reception reports to the station, but alas, without any success. In 1972, Don Jensen in the United States, wrote to Victor Goonetilleke in Colombo, seeking assistance for obtaining a QSL from AKR. As a result of Victor's suggestion, Don wrote to me in Lahore requesting assistance in obtaining this very desirable QSL from AKR. So I decided to try again. I wrote out a reception report for AKR on each of its shortwave channels (there was no mediumwave at the time), and also filled in a set of prepared QSL cards. Then, I had the director of the Voice of Phrophecy correspondence school in Lahore translate all of these items into the Urdu language. These many items together with return postage, a few postcards, and some used stamps were then dispatched by mail to Azad Kashmir Radio, Trarkhal, Azad Kashmir. Imagine my pleasant surprise a couple of weeks later, to receive the prepared QSL cards from AKR, in Muzaffarabad, duly stamped and signed. In order to obtain a QSL for Don Jensen, I followed a similar procedure. From this time onwards, AKR has been a reliable and prompt verifier of all correct reception reports.

Contrary to some listings, there are no facilities of AKR at Trarkhal. The mobile station was closed sometime before the erection of the permanent station at Muzaffarabad. Most of the programs of AKR originate in the Muzaffarabad studios, though they do relay some news bulletins and features from Radio Pakistan. However, no transmitters of Radio Pakistan are used for the relay of programs from Azad Kashmir [Ed. Note: *AGAIN, please remember this article is SEVEN YEARS OLD, and most sources currently state that the 4790 kHz outlet from AKR is via Islamabad, Pakistan*].

QSL letters can be obtained from the Director, Azad Kashmir Radio, Muzaffarabad, Azad Kashmir, via Pakistan. But, Radio Pakistan will not verify the relay of their programs over Azad Kashmir Radio.

* * *

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HOW I HEARD the Solomon Islands Broadcasting Corporation

by Art Kleiner

....First, I'd like to congratulate and thank all of the contributors and editors of FRENEX for the wonderful job they do in putting each and every issue of FRENEX together with informative and interesting topics. Although I once was only concerned with the loggings section, I now read FRENEX from cover to cover with few missed articles.

One topic you suggested readers could write about was how a particular station was finally logged and/or verified. I'd like to share a very recent experience of how I was able to log and verify the Solomon Islands Broadcasting Corporation after five years of trying. Having been a DXer for about 17 years, I had always tried to log the SIBC with success finally occurring in the spring of 1983. Even though I was able to hear a proper identification, the broadcast was not audible enough to send a very complete reception report in the hope of receiving a QSL card. Three factors seemed to play against me receiving a QSL card from the SIBC:

1. The time that the SIBC was audible in Eastern North America made it nearly impossible for me to continuously "hunt" down the station.
2. The reception quality of the broadcast, when I did have the chance to hear it, was not sufficient.
3. The sentence in the WRTH under the SIBC listing noting that the reception report must contain details to establish authenticity. Although I would never send a report without this authenticity, this was the only such listing that actually contained a "warning."

Month after month, year after year, I faithfully tuned to 5.020 MHz in the very early hours of morning, hoping to hear the SIBC. I would normally try this around 0900 or 1000 UTC with limited success, although never really being able to hear the broadcast at a sufficient level to get a report.

As a little background to the next part of my story, I am the father of a beautiful 19 month-old daughter named Jessica. Well, as many 19 month-olds will do, Jessica had been waking up at assorted times during the night due to the overly used excuse of teething. On the morning of August 27, a Saturday (although usually it's during the week when she decides to do this), Jessica woke up screaming at 3:00 AM and needed some soothing until 3:20 AM before she fell asleep again. Well, being the DXer I am, I went to the radio room as I call it, and fired up the Kenwood R-2000 to see what was on at this time of the night. Whenever I am listening at times such as this, I automatically know to search frequencies of my hard-to-get favorites such as the SIBC. I automatically tuned 5.020, with little success, but proceeded to tune SIBC's other frequency, 9.545 MHz, which

normally is not on the air when I usually try for the SIBC. To my surprise, there was the SIBC, broadcasting a sporting event between New Zealand and the Solomon Islands with a fairly decent signal strength. Groping for paper and pen, I proceeded to listen to the sports event and the local news and after twenty minutes of listening went back to bed knowing that I finally was able to copy the SIBC well enough to send a reception report, entitling myself to a much desired QSL card. Of course, when I awoke that morning, I gave my daughter a special kiss, knowing that if it wasn't for her, I would not have gotten the report (although I do not want to make 3:00 AM wake-ups a normal occurrence).

Feeling elated that I was able to send the SIBC an "authentic" report complete with details and three IRC's the next weekend I tried to hear them on 5.020 at my normal listening time of 1000. As you can expect, the transmission quality was good, even better than the previous one I listened to on 9.545. Well, I felt better when I got home from work one day and found a QSL card from the Solomon Islands waiting for me. I could not believe that the total response time was just about two weeks. Well, I guess they figured they would make up for the years I'd spent waiting to get a decent enough broadcast and also for the early morning wake-up call my daughter provided me.

The bio you gave in the September FRENEX sounds similar to mine. I am 32 with one daughter and another child due in April [Ed note: *Congrats - maybe he/she can help you log Cook Islands !*]. I began DX'ing when I was 15 when my parents bought me a Webcor 6 band portable, that included Shortwave. Since then, I've used a Realistic DX-150A with my current receiver a Kenwood R-2000A. Although digital readout sure helps out a lot, the patience I needed in IDing stations without digital readout has helped me in other ways. My DX'ing comes in spurts as indicated by the totals of new stations I've logged over the years (years including college, grad school, marriage, fatherhood, three jobs, etc.). I've logged 250 stations with 146 verified. Yearly totals for logged stations look like this:
1971-50, 1972-30, 1973-17, 1974-17, 1975-18, 1976-3, 1977-1, 1978-80-0, 1981-2, 1982-34, 1983-27, 1984-11, 1985-16, 1986-4, 1987-10, 1988-3.

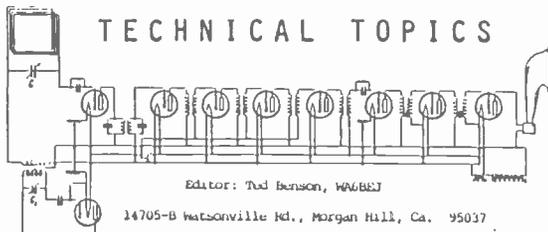
Art, congratulations on logging and verifying SIBC after many years of persistence! I heartily agree that daily trying is what it takes to snag some of the tougher stations. And thanks for writing your experience up to share with us.

Heard a long-wished for station? Write about it for the Forum!

* * *

Next month's feature article tells the story of four DX'ers whose radio hobby launched their careers as broadcast professionals. John Bryant returns early next year with more Great Silk Road DX.

TECHNICAL TOPICS



SENSITIVITY, SELECTIVITY, AND FILTERS

I recently received a letter from Paul Costello, of Yakima, Washington. Paul described his entry into shortwave listening in the *early* days of radio (out of courtesy, I won't say *how* early). It seems one evening Paul was listening to the broadcast band, when he heard a station hundreds of miles away. In the early days this was quite an accomplishment, as Paul well realized.

A LITTLE NOSTALGIA

Well, Paul's letter set my mind to wandering. My favorite period of history, both for radio and otherwise, was the twenties and thirties. Stations were few and far between, and logging each one was quite a challenge. In the very early days transmitters were spark gap units - Tesla coils switched on and off by a telegraph key. Their frequency was by no means stable. In fact, they broadcast at a fundamental frequency somewhere in the VLF band, and spread harmonics all the way up to the microwave spectrum! This early, unintentional attempt at spread spectrum technology resulted in a very weak signal, because the total energy of the transmitted carrier was so badly divided. If you had any hope of hearing the few and far between stations back then you did everything you could to improve *sensitivity*.

TIME MARCHES ON

Starting in the twenties, though, things changed. Faced with the incredible chaos of now numerous spark transmitters, and the technology available for stable, single frequency transmitters, the U.S. Government outlawed spark as a means of communications. In the years that followed CW stations were joined by actual voice, or radiotelephone signals. Broadcast stations sprang-up in hotels, converted garages, and even railroad cars. Frequencies were regulated, a standard broadcast band was established, and regular shortwave services were established. All was now bliss - or was it? Thousands of stations were now occupying what was once empty space. It was becoming impossible to pick-out one station from another. *Sensitivity* was not so much of concern now. Instead, *selectivity* was the buzzword. People were confused. For years the expensive radio sets were touted on the basis of their *sensitivity*. What was this new feature, *selectivity*, and why was it so important?

Selectivity is the ability to separate one station from others occupying nearby frequencies. It is safe to say that early receivers had virtually no selectivity - it wasn't necessary. *Sensitivity* was more important then. Now it is the other way around.

How is selectivity measured? Figure 1 shows a typical selectivity graph for a shortwave receiver. A center frequency is specified.

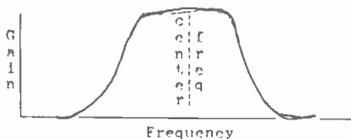


Figure 1
A typical selectivity curve

Of course, no receiver is so selective that it only receives a single frequency - nor would we want it to be. Remember, a radio signal occupies a narrow *band* of frequencies. Ideally, we would like to receive just this band of frequencies, and nothing outside of it. This is not practical, however, as all tuned circuits have some degree of "slope." Note on figure 1 that the edges of the curve to either side of center do not go down to zero abruptly, but slope gently down. Figure 2 shows possible slopes for different receivers, ranging from very selective to rather broad. As long as a receiver is very sensitive to a center frequency, why do we care about the sensitivity above or below the frequency of interest? Because our receiver will receive and amplify *any* signal inside its selectivity curve. That means that if two stations are close enough in frequency, or worse yet, overlap somewhat, as in figure 3, they will *both* be received. It will be like trying to listen to two people talking at the same time. The situation is worse when listening to AM stations, because two close signals will beat against each other and produce an annoying beat note or tone. Depending on how close the stations are the tone can be high or low, but any way you look at it it's a pain.



Figure 2
Various selectivity curves

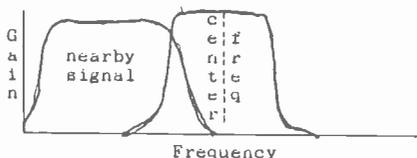


Figure 3
Overlapping signals

Now that we know what selectivity is, how is it accomplished? There are two places in the typical receiver where selectivity can be implemented: in the I.F., or intermediate frequency stage, and in the audio output section. In general, it's better to limit the incoming signal before it's amplified, so it is more effective to implement selectivity in the I.F. section than in the audio section.

The tuned circuits in the receiver I.F. stage(s) perform some limiting themselves, but in general it is still too broad to be effective. Selectivity is really gained by the addition of *filters*. To see how this is accomplished, refer to figure 4, a block diagram of a simple AM receiver:

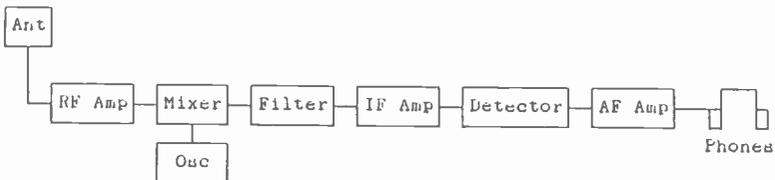


Figure 4
A simple AM receiver

The signal is filtered before the really serious amplification takes place. Remember, the mixer produces two signals: one is the *sum* of our desired frequency and that of the local oscillator, the other is the *difference* of these two frequencies, We only need one - the

difference frequency. Why go to all this trouble? Because it is easier to build amplifiers that only handle a narrow range of frequencies than a wide range. By using mixing we can make an I.F. frequency we can adjust all our amplifiers (and filters) to center on. So our filter is designed to pass only the I.F. frequency and some to each side. How much to each side? It depends on which kind of signal we want to receive. AM requires wide bandwidth; CW and SSB require much less. Many receivers have several filters, and allow you to switch in the ones needed. Two types of filters are commonly in use: the crystal filter (by far the most common) and mechanical filters (good, but very expensive). Both filters work the same: they resonate at a particular frequency, and depending on how they're made, some amount to each side. To make them sharper, crystal filters are often ganged together and referred to as multiple pole filters. Both crystal and mechanical filters have one limitation, however: If they are too narrow they tend to break into oscillation, or "ringing" when confronted with too strong a signal. This is particularly a problem when receiving CW signals.

What do you do, then, to further improve selectivity? You filter the audio. Two types of audio filters can be used: the active amplifier, and the passive audio filter. Both use the same concept: you restrict the band of audio frequencies coming out of the speaker. The active audio amplifier is more popular, because it not only shapes the audio signal but amplifies it to accent the frequencies you want to hear. Most active audio amplifiers let you do some pretty fancy things with the audio. In addition to letting you cut-off audio frequencies above and below a certain point, they also let you either accent or notch-out a frequency inbetween. This means that a beat note, for instance, can be made to disappear without hurting the signal you want to hear all around it.

The passive audio filter also operates by cutting-off frequencies above or below a desired band, but because it can't amplify is also loses some of the desired signal as well. Both the active and passive audio filter can work wonders for your receiver, but remember, they aren't as effective as a good I.F. filter. Once the garbage is amplified and detected along with your desired signal, nothing will remove it entirely.

So why don't they...

Yes, I know what you are going to say: "Why don't they make receivers with good I.F. filters to begin with?" Because good filters are *expensive*. Most shortwave receivers are still built in Japan. They are being built to satisfy the most common consumer. And Japan doesn't think the common consumer is sophisticated enough to tell the difference between cheap filters and good ones. The better receivers cost enough already, and the manufacturers don't want to make them more expensive unless the consumer chooses it by buying add-on items.

So in conclusion: when considering the purchase of a new receiver, examine the optional filters carefully, and consider spending the extra money. If you already have a receiver, consider the purchase of an active audio amplifier. MFJ, Datong, and Heathkit sell good ones, to name a few.

HOT TIP!

I am an avid collector of radio nostalgia, and recently found a source of strange and difficult-to-find reprints of radio books, wiers scientific reports, and build-it-yourself plans. The company is Lindsey Publications. Write them and request a catalog:

Lindsay Publications
P.O. Box 12
Bradley, Ill 60915-0012

They have a liberal return policy, and I have never seen such fast mail order service. And don't forget to tell them you saw their name in FRENEX.

73's

Zed



Listeners Notebook

GLENN HAUSER, Box 1684, Enid, OK 73702

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AFGHANISTAN R Afgh hrd w/new xmsn "V of Homeland, Kabul" (Pashto: da Vatan gazd, Kabul) at 0130-0230 on 4775 6125; 1430-1630 on 4760 6085. Strong sigs on 6125 & 4760. Ea xmsn begins w/song "Vatan", ID, fq anmt, post box number in Kabul. Pgm-ing consists of Pashto songs, short talks mentg "Pakistan" and "General Zia".

Use of 4450 appears to have stopped. 4760 eves carries 4450 pgming: Urdu 1330-1430, Pashto 1430-1930. 6085 runs faintly in // (Supratik Sanatani, Aligarh, India, 8/8)

USSR relay? on 3965 thumpingly loud 3/10 0120 tone, flute IS, long orch NA, 3+1 pips, M w/apparent nx, into Koran. //4740 not as loud to start but picked up as 75m faded. No 4760, 4460 hrd (Richard Stoller, Bogotá, Colombia)

ANTARCTICA QSL from LRA 36 says power is 1 kW, antenna rhombic, fqs 11955, 15476 and 6030, sked 19-2130 Arg time, as of 1/8/88, per v/s Raul Marcelo Navarro, Jefe Oficina Radiopostal, Base Antártica Argentina; G.C. 63-24 S, 56-59 W (Fr John C Eckert, Colledgeville PA)

ARGENTINA RAE ancd 16/9: due to labour conflict affecting a good part of our personnel, some alterations in pgming--lack of nx; temporary absence of German, Arabic bcs, Sat/Sun bcs. In the 15/9 0200 EG xmsn, gave full EG sked as: 1730-1830 15345 Eu/Af; 22-23 exc Tue/Thu 15345 Eu/Af; 02-03 & 04-05 11710 NAM (WBI 23/9) 11710 replaced by 6960 23-05 as of 10/10 (Gabriel Iván Barrera, RAE)

AUSTRIA RNMN reported 7/10: RAI Dir for Co-ordination and Pgm Planning, Dr Edgar (zSterbens) says: RAI is close to a SW relay agmt w/RCI. RAI will bc 2 hpd to NAM via Sackville; RCI 2 hpd for early morn bcs in EG/FR to ME via Moosbrunn. Looking forward to ironing out nitty-gritty points in Nov, and start by 2/4/89, DST date in NAM; presumably RCI at 03-05 and we get 05-07. RAI much interested in reaching WNAM; and RCI wants better quality to ME (WBI 7/10) Pity RAI wants to be on Sackville as late as 05-07 UTC, i.e. 22-24 PDT, EG presumably during last half hour. Relay would also be useful in MDT, CDT zones too if it weren't so late (gh)

RAI S88 + D88 fq usage: Eu 6155 04-23, 5945 17-22, 13730 07-17; SWEu 21490 13-15, 9870 20-23. NAM 00-03 9875. ENAM 15450 11-13. WNAM 03-05 6015. CAM 02-04 9870. SAM 22-02 9870, 11780 22-24. WAF 21490 15-17, 9870 21-23. SAF 13730 17-21. ME 15410 04-11, 12010 17-20. S&SEAS 11780 13-16, FE 13730 10-13. AuAs 15450 06-09 (via Richard Lemke, St Albert Alta) More & more stns, including this one, using color-coding to show lang usage, not conveyed by black & white photocopies (gh)

BANGLADESH Following up Sitangshu Mowit Mazumder's report in SCDX 21/6, I correct my earlier report. 7080 to 0905*; EG to Eu 1815-19 on 9525. But 6170 & 4880 *1245v in stead of 1230. 6170 obs w/pgm diff to 4880 from arnd 1500 to 1530. First impression is that is a commercial pgm. But is more of a health & wel-

fare pgm because most of the ads are for contraceptives (Supratik Sanatani, Aigarh, India, 8/8)

R Bangladesh ES: 08-0830 EG V of Islam Eu 17710 15195. 1145-1215 EG As unconfirmed. 1230-13 EG Eu 17710 15195, incl 1231-1241 nx, 1236[sic]-1241 Commentary, 1245-1250 Mon Press review. 1315-1345 Nepalese 11820 9775. 14-15 Urdu & 1515-1545 Hindi on same. 16-1630 AR ME & 1630-18 BG ME 11510 7505.3. 1815-19 EG Eu 11510 7505.3 incl 1815-1825 nx, 1826-1831 contry, 1835-1842 Wed Press review. [no more slow EG 19-1915]. 1915-20 BG Eu 11510 7505.3 (WBI 23/9)

R Bang ancd 30/9: First xmsn of [HS from Dhaka] from 0030 as of 1/10 instead of 0000, and until 1730 w/out break. First xmsns on other stns runs to 0400 while on Fris to 0430 (WBI 7/10)

BELGIUM RTBF, bcng org of French-speaking community, mainly rebc DS. ES pgm output restricted to feature pgms amounting to abt 25 hpw. During summer time all one hour earlier. RTBF Radio Four Intl in FR uos: Mon-Fri 0430-0615 Af on 11660 9925 incl nx from RTBF Radio-1 at 05, 0530, 06; overseas svc msgs 0505-0530. Sat 05-0530 Af Seamen pgm 11660 9925. 0530-0615 Sat/Sun Af 11660 9925, relaying R-1 on Sat, R-2 on Sun. 0630-0735 M-F Af 17675 15540 incl 0630 & 07 nx from RTBF R-1; 0712 press review from same. 0630-1045 Sat/Sun Af 17675 and 15540. 11-1130 daily Eu/Af 17585 7140 incl 11-1115 nx, M-F 1115-1130 press rv from R-1. 1130-1145 German nx from BRf-1 Eu/Af 17585 7140. 1145-1305 Eu/Af on 17585 7140 incl 12-1230 Sat/Sun RTBF R-1 nx, 12-13 M-F RTBF R-1 nx & feature, 1230-13 Sat Seamen pgm, 1230-13 Sun DX pgm. 1305-1555 Sun Eu, Af 17585 7165. 16-1645 Eu/Af 17675 7165 incl M-Sat svc for Belgs abroad. 17-1905 Af 11660 9925, incl 17-1730 Sun pgm for seamen; 17-18 M-F relay of Radio 21 incl 17-1710 nx; 18-1830 daily nx from RTBF R-1; 1830-19 Sun The Week in Belgium, 1830-19 Tue/Thu pgm for missionaries, 1830-19 DX pgm, 19-1905 M-F nx from RTBF R-1. 1905-2115 Sun/Wed/Sat Af 11660 9925 incl 2030-21 Sat seamen, 21-2105 S/W/S nx from RTBF R-1 (WBI 7/10)

BOLIVIA 4935.1, R CORDECH, Sucre, reactivated; 01-0125 fair in Cusco 21/8, tnx to info from Henrik Klemetz. Stn has new name, location. Romantic mx, SP chats; ID as "R CORDECH, dependiente de la Corporación de Desarrollo de Chuquisaca, en los 4940 KHz...desde Sucre, ciudad blanca de América, Bolivia". Is new name of R Monteagudo. Xmtr formerly in city of that name, capital of Hernado [sic] Siles prov, Chuquisaca depto. Per response dated 26/8/87, PR chief of CORDECH, xmsn was cut for admn and tech reasons. Ncw central office is on Av Mariscal Santa Cruz, Edificio Cámara Nacional de Comercio Piso 9, Oficina No. 901. Reports should be sent to: Cajón Postal 156, Sucre (Takayuki Inoue Nozaki, Relámpago DX)

BRAZIL During my stay in Manaus, R 'A' Critica not hrd on SW fq 4935.0 but only on FM stereo 93.1 whose call is ZYD253 while 4935 is ZYF274 per anmts. Formerly IDed as "R Jornal 'A' Critica" (Takayuki Inoue Nozaki, mid-August, Relámpago DX) Why the ['.','] around the A? Isn't it just the definite article? (gh) 6104.2, R Cultura de Foz do Iguaçu, *0855-0100*, VG as hrd in that town 14/8-15/8. Madrugador pgm Canta Brasil of sertaneja mx, exact time every moment [sic], dual 96.6 at 09-11. 9695.0, R Rio Mar, 14/8-15/8 while I was there in Manaus, hrd ancg also on 6160, but hrd only on 31m (Takayuki Inoue Nozaki, Relámpago DX)

BURMA Kyodo nx agcy reported 5/9: Govt fired 20 employees at state-run Rangoon radio [BBS] for joining anti-govt demo, forcing stn to sharply reduce length of main nx pgm Mon eve [5/9]. Sources said action by Ministry of Info & Culture led to strike at BBS that forced stn to cut 1330 nx from usual 15 mins to just 3. Dismissed staff were all radio ancrs and reporters. 73 of the 100 staff at nx dept reportedly took part in demo calling for democracy. 24/8, ancrs at BBS issued statement alleging that govt had forced stn to bc false & distorted nx.

Obs since 1/9 show duration of 1330 nx in fact remains 15 mins, mostly intl nx and only a few items of dom nx. In past, contained only dom nx (WBI 16/9)

At 0945 23/9 during speech by Saw Maung, Chairman of the State Law & Order Restoration Council, a fair voice was hrd interfering w/BBS Nationalities Pgm on 4725. UnID male voice in BM interrupts speaker w/such statement as "this is bluffing" and "unscrupulous, unscrupulous". During 1330 nx on 24/9, recording of speech by Saw Maung again QRMed tho interjections by what sounded like same voice, occurred in diff places. Similar interruptions hrd during 1330 nx 25/9 on 4725, and for first time on BBS Main Pgm on 5985 at 1208 27/9 (WBI 30/9)

Bangkok Post repored 7/10: Burmese rebel group plans to set up radio stn in Karenni state to enable resistance to keep popl abreast of developments and keep

movement alive. National United Party [NUP] secretary Soe Aung said radio system 'd be invaluable weapon in battle against Ne Win, whose Burma Socialist Pgrmme Party has recently changed its name to the National Unity Party. Soe Aung said radio'll initially bc in BM & EG, later in minority langs. Said group had been in contact w/overseas Burmese for 6+ years and'd been assured financial and moral support. Apart from radio stn, NUP intends to give 200

Burmese student recruits mly training in Karenni state, opposite Mae Hong Son. Karen Natl Union commander, however, doubted NUP'd be able to build its radio stn. A KNU radio stn in Mae Tawah, opposite Tha Song Yang district of Tak, had to shut down after being attacked by Rangoon forces (WBI 14/10)

BURUNDI V of the Revolution, Bujumbura, reported 14/9: Mr Frederic Ngenze-buhuro, Minister of Info, has visited SW stn at Gitega for 2nd time this month. He revealed that test xmsns were making good progress, and sometimes reached optimum level when enough power available. The 100 kW SW xmtr at Gitega is 4x more powerful than the one at Musaga [in Bujumbura] which is only 25 kW. When it reaches design capacity, it'll be hrd thruout great part of continent. So far, test xmsns picked up in Dar es Salaam, Kampala, Addis Ababa, Nairobi. per listener reports. We hope experiments will have positive results. Is tangible fruit of sincere coop between Burundi and Libyan Jamahiriyah. Ed note: Natl R of Rep of Bur, V of the Rev, uses SW fqs of 6140, 3300 (WBI 23/9)

CAMEROON monitoring 11/9: Natl radio stn, previously IDing as Natl R of Cam, or Rdif Natl du Cam, obs during 2100 nx in EG 11/9 IDing as Cam R-TV Corp, CRT (WBI 16/9) We had this info months ago thru DXers' veries (gh)

CANADA [see also AUSTRIA] RCI SWLD ancd 24/9: from 26/9, Eu bc at 21 dropped. Weekday bc of World at 6 and As It Happens remains at 22. Also 22 is new start time of weekend bc as of 25/9, w/SWLD at 2208 to Eu. Monitoring 27/9 to 4/10: Eu in EG now: M-F 0615-0630 & 0645-07 15235 11840 9760 9740 7155 6140 6050; 1545-16 17820(exc Sun), 15325 15315 11935 11915 9555, 1715-1730 17820 15325 7235 5995. 1930-20 M-F 17875 15325 11945 7235 5995. 22-23 11945 9760. New sked also shows addl bc in Cz/Slovak 22-2230, plus changes to bc in Polish, Ukrainian & FR to Eu, and svcs to LAm/Carib (WBI 7/10)

For Nov to Mar period, RCI SWL Digest now sked: Sat 2137 17820 15150 11880. Sat 2208 9760 11945. Sun 0107 9755 5960. Sun 0107 9535 11845 11940 [latter to LAm--we suggest a shift to half an hour later if not to another day of the week would avoid out-of-synch duplication of Nam bc]. Sun 2307 11730 9755 930. Tue 1333 17820 11855 9635. Generally longr DX nx segment on Sat 2208, Sun 0107= Nam (gh)

CANARY ISLANDS Pgm to C&SAM at 22-23 on 15365 cntrary to sked is not radiated from Noblejas (Toledo), but produced and bc direct from Canary. At s/off gives addr: REE, Calle San Martino Número 1, Apdo de Correo 1233, distrito postal 3808C Santa Cruz de Tenerife (Salvatore Placanica, Italy, Sept DSWCI SWN) the 50 kW xmtr whiclosed to relay REE and some local pgming is off the air, not expected back in near future. Local pgm from Canary now aired via Spain xmtr (Marcel Rommertx, Holland, ibid) My info agrees w/the latter; but now on 11775 (gh)

C H I N A (PEOPLE'S REPUBLIC)

REE SP program via R. Beijing txs is recently observed as 1000-1100 on 9620kHz, 1100-1200 on 11915 5250kHz, 1200-1300 on 9620kHz, 1300-1400 on 11915 5250kHz. (Shigenori Aoki, Tetsuya Kondo)

R. Beijing Capital service is now broadcast in Beijing, Shanghai, Guangzhou, Nanjing and Shenyang.

Monitoring observations in Beijing last month revealed that it bc French pgm besides English, Spanish. R. Beijing Japanese Department chief said to us that it would enlarge the capital service, including Japanese and German pgm as from Sep. 1.

The capital service in Beijing is broadcast as follows: 0300-0400 EG, 0400-0500 FR, 1030-1130 JP, 1200-1300 EG, 1300-1400 EG, 1400-1430 GM, 2200-2300 EG, 2300-2400 EG on 1251kHz and 91.55MHz. 2100-2200 SP on 91.55MHz.

In the closing announcement skds of Capital service in Shanghai and Guangzhou are also announced: Shanghai; 1200-1300, 2200-2300, 2300-2400 all EG on 1296kHz, Guangzhou; 0300-0400, 1200-1300, 1300-1400, 2200-2300, 2300-2400 all EG on 600kHz (maybe 603kHz actually) and 1300-1400 on 1584kHz.

(Note: this schedule in DST. May be one hour later during winter).

(Akira Yamanaka, Toru Yamashita, Satoru Suga, Masaru Suga)
(E Asian DX News of Asian BCing Institute, 11/9 via Tetsuya Kondo, Japan)

R Beijing ancd 30/8 in JP svc that from 1/9 it'd begin daily one-hour pgms in JP for listeners in Peking [sic] area. 'd be at 0730-0830 [presumably local time, i.e. 2230-2330 gmt] on 1251 MW and 91.55 FM (WBI 16/9) See previous item--they say 1030-1130 utc (gh)

Xhejiang PBS, Hangzhou, ancd in Std CH at 1000 18/9 that a new pgm of 'economic info for overseas listeners' will be bc daily at 1350-14 starting 19/9. Obs 19/9 ancy "spl pgm to let overseas people know how Zhejiang has been opened to outside world, good environment for forn investments, our export merchandise and other economic matters. We want businessmen and industrialists in forn countries to know Zhejiang better and become deeply interested in Z" Per anmt pgm will be bc in Std CH, EG, other fornlngs, on 810, 2475, 4785 plus FM 98.6. No economic info hrd in inaugural pgm.

Jiangsu PBS, Nanjing ancd 25/9: To suit newsituation of contax betw both shores of Taiwan Strait and to meet Taiwan listners' needs, V of Jinling'll use SW 7215 at 0055-03 daily from 26/9; plus original 4875 1155-16. Daily bc time amounts to 6h. Same time, Jiangsu PBS will relay some VOJ pgms daily 15-1530 on 702 1314 & 1602 (WBI 30/9) 10 min rx at 01, 02, 12, 13, 14, 15. Was inaugurated 12/11/86 (WBI 7/10)

V of Pujiang latest sked: 0855-1445 on 4950 3990 3280; in Std CH, but Shanghai dialect used 1010-1020, 12-1210, 1310-1320 (M/W/F) and 14-1410 (Isami Hyuga, Japan, R Australia DX Time 10/9)

Xizang PBS, Lhasa sked: Tibetan 23-02, 04-0645, 10-1545 5959 5995 7110 11950. Chinese 23-02, 04-0640, 10-1450 4750 5935 7170 9490 (stn via Mick Ogrizek, RA 1/10)

COLOMBIA Real news: Emisora Parroquial (my generic name for these, based on what the Guamalito stn of 2 yrs ago called itself; this one never IDs as such), La Unión, Antioquia (as opposed to various other La Unions in this country), hrd Sundays for about half an hour ending before 2400 UTC; mostly Hail Maries, etc, raffle prize anmts; also once on Fri for fiesta patronal 30/9; fq has vy fast upward drift, 3251 to 3265. Sometime audio problems, sometimes not. When this is sufficiently off 3251 another similar stn is revealed, very FMing and distorted, Sun 2/10 2325 past 0100 3/10 but only intermittently intelligible. Apparently same mic-in-church format. I really don't think these stns are 2nd harmonics [gh hrd similar stuff a few years ago 1600+ on very long wire toward Colombia from Virgin Islands] but 1600+ is so polluted here I can't be sure (Richard Stoller, Bogotá)

Caracol Neiva, 6150.2 reactivated, confirmed; ex-LV del Huila, presently called R Reloj Neiva; call was HJOR. Both Caracol Neiva & R Reloj Neiva belong to Sr Rafael Navarro Troncoso, xmtrs at same site. Per monitoring 7/8 to 5/9, rexmits pgms of Cadena Básica, ID only as CARACOL HJJR 1010; hrd 08-11 F-P. Don't confuse with R Impacto, CR on 6150.0 (Takayuki Inoue Nozaki, Tokyo, Relám-pago DX)

COSTA RICA As of 25/10, R for Peace International still off the air since mid-Sept tho 13660 checked nightly and 21555 afternoonly. Hrd nothing direct from them, but their Eugene OR office told me that first three capacitors blew, and it took two weeks to find replacements and get them to CR; just as they were arriving, lightning burnt out three xmtg tubes; same wait since stn can't afford a stock of spareparts. Hoped to be back 17/10 but wasn't; then the hurricane went by and may have caused further damage. I'm sure this is as great a frustration for the RFPI staff as it is for the listeners; let's hope they manage to get back on soon (gh) Hrd on 13659.7 7/9 0700-0858, 8/9 0651-0735, F-G in EG & SP; no longer hrd on this fq at end of Sept (Takayuki Inoue Nozaki, Relám-pago DX, Tokyo) Also check 7375 in case they reactivate there (gh)

CUBA RHC ancd 29/8: for first time from an American country, and for all the continent, bcs in Esperanto on the friendly waves of RHC: From next Sun 11/9 you'll be able to listn to a pgm in Esperanto at 08, 17 and 2240 UTC on these intl fqs.

Monitoring 8-20/9: anmts and obs indicate RHC made extensive changes to sked on 8/9; new bc in EG to Eu, ME, Af hrd 20-21 on 11775 (WBI 23/9) Great time to do it, when they had published a tentative S88 sked along w/J88 widely published and wrong (gh)

Since 4/9 RHC via USSR: 15-16 15295 AR. 16-17 15295 FR. 17-18 15295 EG. 18-20 9550 11775 11920 SP. 20-21 9550 11775 11920 PT. 21-22 7150 11820 FR. 22-23 7150 EG (NDXC Newsletter via RA JP DX Time 1/10) Havana on new 11800 in FR 2215-2245* QRM Gabon co-ch w/NHK relay, //11950 also both strong 10/9 (Bob Padula, Vic) 11820 new in SP Ams 2305 21/9, major changes to timetable (ibid)

CHILE Per recent SCDX, José Mauricio Rangel Neira, Colombia has hrd stn IDing as LV de la Amistad w/relig pgms in SP 01-0150 on 9550, R Nacional de Chile fq. LVA ancd op from Santiago de Chile, addr Clasificador 15, Santiago 1. Same slogan used by KGEI San Francisco, maybe relay to avoid QRM on usual KGEI fqs (Robert Chester, RA JP DX Time 8/10)

ECUADOR R Nacional Progreso, Loja, 5060.4, F-P 17/9 1045-11. I visited the stn on 18/3/87; studios away from city center in the home of owner Efrain Herrera Guerrero. He founded it 20/8/58 on 2430 kHz with 200 W xmrtr he built himself; then went to unk 60m fq; sked now 10-05 on 5060 2.5 kW; May 1983 began MW svc by cvntrng 5060 xmrtr; present SW xmrtr comes from LV del Rio Cenepa, Zamora, which he also installed but went off the air a few years ago for economic reasons. Sr Herrera is not a good verifier so I recommend that reports go to Sr Noé Estebán Cuenca Armijos, director del programa "Mañanitas Ecuatorianas" at 10-11, and "Variedades Musicales" at 22-23, who has been kind enough to reply to all DXers; address is Casilla Postal 519, Loja (Takayuki Inoue Nozaki, Tokyo, Relámpago DX)

EQUATORIAL GUINEA RNE Radio 1, Madrid reported 28/9: Spanish parliamentary delegation has gone to EqG to study co-op. Correspondent Francisco Ibáñez reports from Malabo: During its first day, the delegation had busy sked of meetings, visits, contacts. Visited premises of cultural radio stn, Africa 2000, about to start up (WBI 7/10) Is stn provided by Spain's aid, dedicated to being only in Spanish, about Spain and native culture, educ pgms, on 4950, 9 hpd in 3 3h blox (RN Radio-Enlace)

R Africa, 9553, on extended sked to 2300* Sat after EG relig segments. Anmt for PO Box 851, Malabo, or Pearce [sic] Intl Comms, California addr; said all correct rpts'd be QSLd; 24/9 (Bob Padula, Victoria)

ETHIOPIA Monitoring 11/9: V of Ethiopia ES to EEU 18-1830, WEU 1830-19 now obs daily on 9662; pgms in EG of nx, features, Eth mx now replace test xmsns. Bc at 1830 seems repeat of 1800 (WBI 16/9) Test xmsns to Eu started 29/5. Rest of ES: 12-13 Somali 9560 7165. 13-14 Afar 7165. 14-15 AR 9560, 15-16 EG Af 9560. 16-17 Amharic Af 9560. 17-18 FR Af 9560. 19-1930 V of Namibia of SWAPO in EG/verns on 9595. 1930-20 R Freedom /ANC same. Some bcs also ancd but unconfirmed on 990. Besides these, xmrtrs in Addis Ababa also carry Sudan PLF stn R SPLA at 11-12 & 13-14 (WBI 30/9)

FINLAND R Finland in EG: 0330-04 Am 11755 9635. 0515-0530 Eu/ME/Af 11715 9635 6120 963 558 254. 0730-0755 Eu 11755 9560 6120 963 658 254. 09-0925 Mon-Sat As/Au 21550 17795. 0930-0955 As 15245 11855. M-F 12-1225 & 13-1325 & 14-1425 Am 15400 11945. Sat/Sun 14-15 Am 15400 11945. 1505-1530 Eu/ME/Af 15185 11850 9640. 1930-1945 Eu 11755 9530 6120 963 558 254. 22-2225 Eu/As/Am on 11755 9670 6120 963 558 254. Sat to 2240 on same. Output totals: EG 29.40 hpw. FN 161.35. FR 5.15. GM 10.30. SD 32.45. Total 239.45 hpw (WBI 14/10)

FRANCE France Inter reported 7/9: Chairman of R France, Roland Faure [Fauré?] signed protocol agmt today w/Mr Yang Zhengquan, Dir-Gen of CPBS in China for intro of regular exch between two orgs, incl co-prod of anthology of Chinese tradl mx, more fqt coop in produxon of bcs, concerts, nx, mutual tech assistance (WBI 16/9)

RA Melbourne Communicator reported 18/9: French recently signed two major deals which'll ensure their lang & culture return to Asia where has been waning. Sue Williams in Paris reports: from 1/8 RFI & R Japan use each other's xmrtrs... RFI planning to intro pgms in Viet, Camb, Chinese. 2nd agmt, signed early last week, drawn up betw R France and CCPBS; tradl Chinese mx. (WBI 23/9) Missed big story, plans from Nov to resume SW relay exch between RFI & R Beijing (gh)

RFI on new 25820 big sig w/FR 0935 //21620, probly for Af, seems *0915; 10/9 (Bob Padula, Vic) Off before 1200 so difficult in NAM beyond E coast, but I think in Nov they plan to stay on later (gh) RFI on new 9805 FR to As 23-0030 ex-9810 but now co-ch Berne! 9/9 (Bob Padula, ibid)

GABON RTVG Natl Svc, Libreville, also IDing as V of the Renovation; sked compiled from obs on weekdays; maybe variations at weekends. 0458-08 4777, 08-16 7270, 16-23 4777. Nx in FR at 06, 07, 08, 09, 10, 12-1225, 1830-1855, 21, 22, 2245 (WBI 9/9)

GERMANY WEST DW from 25/9 EG at 09-0950 to ANZ/SAs on Antigua 6160, Trincomalee 11945, Wertachtal & Juelich 17780, Palauig 17875, Juelich 21650, Wertachtal 21680 (Robert Chester, RA JP DX Time 8/10) Maybe different site setup now (gh)

GUINEA Rdif Natle reported 9/9: New intl xmtg center will be constructed in Conakry before yearend. This disclosed by Ousmane Camara, principal private secy at Ministry of P&T, to Guinean nx agcy 7/9, shortly after talk w/economic counsellor of Soviet embassy. Old xmtg centre at Sonkonia, 26 yrs old, currently op only in 4lmb and can't cover whole country. All measures reportedly taken for implementation of project in Guinea and money for it already provided (WBI 16/9)

Rdif Natle reported 14/9: Sigs of natl radio stn are poorly rcvd in some regions of country, for several reasons. To counter this, gigantic project to repair xmtrs will soon be launched by Dept of P&T. Centres at (¿Sirifoya) and (¿Tepe) will be involved (WBI 23/9)

HONG KONG Xinhua reported 1/10: HK today began direct radio bcs to Vietnam mainly to explain its policy for Viet boat people. Pgm produced by RTVHK on 7290 daily 23-01 repeated 11-13. Consists of msgs in VT explaining HK new screening policy for Viet boat people. Viets continue to flock in by boat despite HK new policy adopted 16/6 to screen out economic emigrants from genuine refugees. Local authorities here believe the policy has not reached all those Viet thinking of leaving country to seek better future via HK. RTHK info says new svc to Viet on 30 kW xmtr using horizontal log periodic, gain 9 dB, beam 226 degrees (WBI 7/10)

Obs 2-9/10 confirm these bcs, mainly Western-type mx, brief anmts in VT; RTHK info says for 9 months from 1/10 (WBI 14/10) No mention in any of this about such a svc axually beginning 1/8 on 9685 as revealed by Craig Seager & Bob Padula (gh)

Official addr of BBC relay is: BBC East Asia Relay Company Ltd, Tsang Tsui Broadcasting Station, Nim Wan, Yuen Long, New Territories, Hong Kong (Marcel Rommerts, Neth, Sept DSWCI SWN)

HUNGARY Budapest found on odd-ball 15668, EG nx at 2100 //9835. Can't work out what this is. Maybe tech error for 15160 or 15220, neither hrd. Could be some sort of mix at xmtr. Strong, audible on two rx, 5/10 (Bob Padula, Victoria)

ICELAND ISBS provides its latestsked, in IC: Eu 1215-1245 on 15659 13790, 1855-1930 on 15659 or 13770 and 9863. Nx summary at 07 on 15659 & 13770 Sat & Sun. NAM 13-1330 on 15659 & 13790, 1935-2010, 23-2335 on 17558 15659 and nx Sat/Sun 16 on 17558 15659 (Craig Seager, RA JP DX Time 24/9)

INDIA AIR GOS in EG: 00-0115 As 15110 11745 11715 9910 9535 7215. 10-11 As/Au 17387 15335 15155 11925 11860. 1330-15 As 15335 11810 9525. 18-1845 Af 15360 11935. 1845-1945 Eu/Af 15360 11935 11620 7412. 1945-20 Eu/ME/Af same plus 11860 9755. 20-2045 Eu/ME/Af 11860 11620 9910 9755 7412. 2045-2230 Eu/Af/Au 11715 11620 9910 9550 7412 7265. 2245-2400 As 11745 11715 9910 9535 7215 (WBI 14/10)

AIR hrd w/sp1 wx bulletins for code-named expeditions on 7110 & 6050 between 1115 and 1130. Ea begins w/call sign, fq anmt, codename of expedition. 22/7 for "Aztec"; 2/8 for "Rimjhim" etc. Facility is extended to all mil'y and civ expeds mountaineering in Indian Himalayas and registered w/Ind Mtneering Foundation. AIR informs expeds in advance abt codename, fq. Unique example of PTP comm thru bc stn. Such bulls hrd same time thruout season, i.e. Mar-Oct, from AIR Delhi via Aligarh, using couple of fqs listd to carry home nx at 1130.

Integrated North Eastern Svc (INES) for NE Indian states to be aired from 50 kW SW xmtr at Shillong, pending completion of STL. Initially 4795 allocated but since AIR Hyderabad runs on 4800, changed to 4990 (which also has AIR Tamil ES from Madras for some time).

Even tho AIR xmsns for Indian Peace Keeping Force in Sri Lanka has been on for quite some time now, skeds or fqs not mentd in AIR HS or ES sked. Continues on 1449, 7205, 10 kW Pondicherry. 7205 0630-10 from old Madras xmtr which was replaced for Madras regional svc by new xmtr (Supratik Sanatani, Aligarh, 8/8)

I never had much luck w/subcont up there [in NAM] but on 30/9 0035 hrd AIR on 4800, list Hyderabad, quite decent sigs, slightly above fq of permanent OC. EG nx, into non-EG, maybe Hindi. ES vy loud but hemmed in by QRM on both 11715 & 15110 after 0100 (Richard Stoller, Bogotá, Colombia, 30/9) 4800 extremely loud 3/10 0045 vocal mx, Hindi W anc'r near hourtop. Still haven't hrd anyother Indian regionals, but only a matter of time if this keeps up (Stoller, ibid)

INDONESIA RPDT Blitar, 2465, from 1435, Indo ballads, versions of Western songs. Same night, noID Indo on 2508, EG pop mx from 1505, ocll anmts but badly distorted, poss illegal amatir (Mick Ogrizek, Melbourne, RA JP DX Time 1/10)

Suara Pembaruan reported: Pres Suharto says since establishment 11/9/45, RRI always playing important role in comm govt ideas to people. In Press conf Fri, Arsyad Subik, Dir of R said RRI now has 325 radio xmtrs installed in 49 stns nationwide w/total xmtg power of 3249 kW. Noted two of xmtrs at Cimanggis near Ja-

karta and Padang Cermin in N Sumatra, have 250kW xmtg power. Smallest xmtrs at RRI disposal have 50 kW (sic) capacity. 23% of xmtrs 20+ yrs old, 52% between 10 & 20 yrs old, 25% relatively new. Existing xmtrs normally installed in densely populated areas. Therefore RRI pgms now reach 80% of popl even tho cover only 76% of terr. Subik said RRI pgms targeted to reach entire population in coming 5th 5-year development plan. Also said RRI now has 8204 prsonnel, 26% of whom have received or attended prof training pgms (WBI 23/9)

V of Indonesia; target areas assumed for stat purposes. 0030-01 SP, 01-02 EG, 02-03 Indo to As/Am on 15150 11790 9675. 03-04 AR ME/As on same. 08-09 EG, 09-10 Malay, 10-11 Std CH, 11-1130 Thai, 1130-12 JP, 12-13 Indo all to As on 15150 11790. 1730-18 SP, 18-19 GM, 19-20 FR, 20-21 EG to Eu/ME/As all on 15150 11790 7125 (WBI 23/9)

IRAN VOIRI on new 9690 in EG 11/9 0010 local songs, nx abt Iran, maybe ex-25mb (Bob Padula, Vic) Is this time correct, or a typo? No other reports of it. Would be first time Teheran bc in NAM eves in EG (gh)

VIRI reportd 28/9: Mr Mohammed Hashemi, Managing Dir of WVIRI, broke ground this morn for establishment of 2nd SW radio stn and powerful 400 kW MW in town-ship of Sirjan. Told our reporter present SW radio net of the country, which is the same net for abroad, not able respond to needs of country & revolution in view of importance of Isl Rep and Isl rev of Iran in world. Therefore V&V engrs found Sirjan most suitable zone for 2nd SW stn. Said in first phase 10 powerful 500 kW xmtrs; provision to increase to 16. (WBI 7/10)

IRAQ V of Masses ancd 18/9: Ministrty of Culture & Info and radios of Iraq announce amid atmosphere of joy & pride in victory and peace under banner of vic-torious leader Saddam Husayn that R Babylon will begin xmtg pgms to accompany activities of 2nd Babylon intl festival. On Genl svc and VOM fqs plus FM; 06-09 on GS, 14-17 on VOM. Starts 22/9, thruout festival; similar bcs last year (WBI 23/9)

IRELAND RNMN reported 29/9: In Clarkestown, County Meath, protestors have just been ordered off site where R Tara wants to build xmtr site, to bc to Britain on 254 kHz LW. John (Catlet) [consultant to R Tara project] gives background: We have encountered some resistance by local people in neighbourhood. Is very tall tower, and I can understand; I prsonally would be less than thrilled if it were being built in my back yard. It's 815 feet high. In UK they are familiar with fact that LW exists, available on most car radios; hope younger audience will discover that there is pgming for them on LW too. Unwilling yet to announce a date, but hope to begin selecting staff early in 1989, be on air before too many months into year. Is joint project between Irish govt's RTE and R Luxembourg = RTL. Lux aiming EG on MW to Britain for decades, but not a conflict of interests; instead a logical joining of efforts, because RTL ops only at nite, and Tara will be essentially daytime. We think at nite Tara will be impeded by adjacent ch stn in Africa (presumably 1500 kW Algeria on 254). Not sure how much, but hope people will listen to us, then in evening Lux. Power 500 kW (WBI 7/10)

ISRAEL Davar reported 5/9: Umbrella org of Vof Israel's employees assn decided yesterday not to allow radio workers to tour to [occupied] terrs. Reporters will not cover any event beyond the Green Line from now until further notice. The ban applies to journalists, technicians and administrative workers. Decision made in light of Isr Being Authority's refusal to provide radio employees w/adequate protection or appropriate compensation for work in the terrs. Radio employes want salaries on par w/those of TV colleagues. IBA executive expected to meet to discuss radio worker's sanxions (WBI 16/9)

V of Israel ES in EG: 0-0125, 02-0225, Eu/Am 9855 9435 7460. 05-0515 Net-A DS Eu/ME/As/Au/Am 17630 11700 11655 11588 9815 9435. 11-1130 net-A DS Eu/ME/As/Au/Am 21675 21660 17685 17630 17575 15650 15640 11700 11588. 18-1815 net-A Eu/ME/Am 13750 11655 11588 9930. 20-2030 Eu/Am 11960 11700 11605 9855 9815 9435 9010. 2230-23 Eu/Am 11960 11605 9855 9815 9460 9435 9010. 00-0030 Eu/Am 9855 9435 7460.

Output totals: 112.40 hpw of which 31.50 are in Russian, 16.20 in EG. Add another 7 hpw for EG from DS. Yiddish is 3rd with 9.55 hpw. Hebrew [ES only] 7 hpw. French ES 6.25 + DS 7 = 13.25 (WBI 30/9)

ITALY RTI reported 4/10: Audiradio 88, survey of audience in Italy financed by RTI, main privatradiostns and ad agencies, concludes rdio still important, hrd by 26 megalisteners daily on average 3 hpd. Of 790 radio stns surveyed out of a total of 5000, RTI Radio 1 ranx first with 7.5 megalisteners, closely followed by RTI R 2, then Rete 105, most popular private. But privates have one million more

listeners than the three RTI stns combined. Peak listening time is morn 7-8 am. Young people prefer listening to privateradio stns (WBI 1/10) In case you're wondering, I have unilaterally decided to give Radiotelevisione Italiana the acronym it deserves-- RTI instead of the one they have been using, RAI, in view of Radio Austria International, and for that matter, Radiodifusión Argentina al Exterior. Now that I've pointed this out, I expect that RTI will soon agree to change their logo; watch for it (gh)

JAMAICA Cana nx agcy reported 7/9: New company, which govt expects to produce quality local material for TV channel to be retained after divestment of state-owned JBC, was launched here 6/9. Called Public Bcing Corp of Jamaica (PB-J), it'll show its first pilot pgm 11/9 over JBC channels, Jampress said. JBC currently ops Jam's only TV stn, AM & FM radio, plus three regional radio stns, two of which have been closed. Under planned divestment, most of these will be sold off and licences granted for two TV stns. But govt plans to retain JBC's FM svc and a TV ch under a public bcingsvc to provide educ pgms emphasizing pubaffs, culture, sports. Jampress said it will be PB-J producing pgms for the TV ch. PB-J is housed at and will use tech facilities of Creative & Prodution Training Centre (CPTC), govt-owned modern TV prod house already producing own pgms and providing facilities for Jam Info Svc, JIS-TV. JBC also uses its tech expertise. Jampress said PB-J exec dir is Carey Robinson, former JBC GM who was seconded to the PM's office to oversee development of PBS. PB-J will initially bc for 3½ hpw, gradually increasing output. (WBI 16/9)

Cana reported 14/9: Jam govt says it has awarded licences to operate radio stns it is selling under a media divestment plan. New Radio Co of Jam rcvd licence to run natl AM/FM svc, using facilities of JBC that are to be sold off. Govt plans to run FM svc under PBS w/pubaffs bcing. Licences also granted for three regional stns owned by JBC -- R West, R Central, R East; on FM. Govt said R West licence has gone to co called Western Bcing Svcs Ltd, and R Central to Island Bcing Svcs. Syndicate coordinatd by Karl Young won lic for R East. But there was only one applicant for each of the regionals. In Natl svc there were 2 appls, per PM Ed Seaga, who is also Min of Info. Said one of appls for Natl Svc declind to give an undertaking to accept terms of proposed agmt. Gleaner nxpaper has long been interested in acquiring radio/TV stn. This group appantly has problems w/i.a. level of shres that could be held by one entity and right of bc comm to demand info on material intended to be bc. Commission 'd then have right to halt bc in natl interest. In recent speech, Gleaner chmn Oliver Clarke claimed licence requirements being changed arbitrarily by govt. Gleaner has also been attempting to get lic for TV. Tho govt not yet ancd any decision on applicants for proposed divestment of JBC-TV, PM Seaga has in recent remarx indicated that Gleaner is not rcvg licence (WBI 23/9) Hurricane leave anything standing?

K O R E A (DEMOCRATIC PEOPLE'S REPUBLIC)

According to a frq schedule received from R. Pyongyang, the overseas service of Korean Central BS, it broadcasts as follows. EG: 0000-0050 15160 15115, 0400-0450 15180 15160 15115, 0600-0650 15180 15160 13680 9540, 0700-0750 17795 15340, 0800-0850 15180 15160 11830 9540, 1100-1150 11735 9600 6576, 1200-1250 11735 9600 9555, 1300-1350 9345 9325, 1400-1450 11735 9600 9555, 1500-1550 11740 9977 9640 9325, 1700-1750 11740 9977 9640 9325, 2000-2050 9977 9640 9345 6576, 2300-2350 13650 11735. FR: 0000-0050 11855 11830 9540 6576, 0600-0650 17795 15340, 1400-1450 11855 11830 9540 9345 9325 6576, 1600-1650 9977 9640 9345 6576, 1900-1950 11740 9977 9640 9325, 2100-2150 9977 9640 9345 6576. GM: 1900-1950 9345 6576, 2100-2150 11740 9325. SP: 0000-0050 13650 11735, 1100-1150 11735 6576, 1200-1250 11735 9600 6576, 1800-1850 9345 6576, 2000-2050 11740 9325, 2300-2350 15160 15115. (Masashi Nagasaki)

R. Pyongyang Std. CH service is broadcast on the following frqs, according to its announcement: 0500-0550 9555 9540 7200, 0700-0750 9555 9540 7230 7200, 1100-1150 & 1200-1250 9540 7230 7200, 2300-2350 11830 7200. In last Log Report section D 21690kHz frq was reported, however it is not a new frq but a harmonic wave of 7230kHz (7230X3). (Tetsuya Kondo)

Two KCBS regional stns have cease SW frq. Hamheung 2400kHz and Hyesan 2300kHz are not heard, however each MW frq is operated. Noted on Dec. 3, 1987 and Nov. 30, 1987 respectively.

(Akira Shibuta, Tatsuya Ogawa, Tetsuya Kondo)

North Korea has increased a jamming against South Korean radios.

KBS Social Education Pgm 6135, 6015kHz and a clandestine for N. Korea "Echo of Hope" 3985vkHz are strongly interrupted. Noted on Sep. 10, one week before the opening day of the Olympic Games. N. Korea had only jammed some frqs, KBS 972, 711kHz and a clandestine "V. of the People" 6600v, 3912vkHz. (Toru Yamashita)
(East Asian DX News of Asian Broadcasting Institute, 11/9 compiled and translated by Tetsuya Kondo, Japan)

KOREA SOUTH Korea Times reported 6/9: 7-day-old labour dispute at KBS ended yesterday as labour and mgt reached agmt on 7 points. Specifies that pres of KBS will take into acct opinion of 'committee for fair broadcasting' to be composed of 5 members ea from the labour and mgt in appt of 4 dirs-gen in charge of news-centre, TV, radio, tech matters. Agmt came in a tête-à-tête meeting between KBS pres Chon Ku-ho and labour union chmn Ko Hee-il which lasted abt 5½ hrs. Also agreed to raise basic salaries for all regular workers by 50 kilowon and payment of a 700% bonus (WBI 9/9)

Korea Herald reported 7/10: Govt seeking to convert US mily TV stn into cable net w/view to reducing US influence on Kor culture. If things do not go smoothly comms ministry said it'll try to have AFKN use UHF. AFKN now has the universal VHF channel. Because AFKN uses VHF, ministry said, there is great limit to Kor TV being. Moreover, it said "unbridled AFKN-TV being could infringe upon our cultural sovereignty or subject our culture to that of Americans." Per ministry, offls from mins of comms, forn affs, culture-info met 10/8 to discuss AFKN case. Offls of comms min had working-level meet w/reps of AFKN 6/9. Koreans asked AFKN be converted into cable TV net or UHF. US side then said proposal'd be examined by US DOD. Min report said under present law, forn govt or rep is banned from establishing cable TV stn in Kor. "As result, there'd be difficulties in resolving problems related to AFKN," report said. Converting AFKN ch to UHF will cost some two gigawon, it said. Opposition parties, aligned w/student radicals, have asked govt to take steps to change AFKN ch in order to curb Am influence on Kor culture (WBI 14/10) They could do worse, the xenophobes

LEBANON R Lebanon First Pgm mostly in AR, also has FR and EG nx; EG nx relayed from 2nd pgm is 1502-1515 on 989 kHz while 2nd pgm itself is only on 96.2 FM (WBI 16/9) V of Lebanon reported 4/10: souce in Leb Forces says in bid to maintain unity of ranx, V of Truth will be handed over to Leb Forces' media dept. R Lebanon reported 5/10: Leb Forces intend to take over Phalangist V of Lebanon [6550] and to remove its dir-gen, former min Joseph al-Hashim, and also take over the newspaper Al-Amal, organ of Phal Party, and to remove the working team that is close to al-Jumayyil. WAKH nx agcy, Bahrain, reported 5/10 from Beirut: informed sources say Leb Forces under Samir Ja'ja' have expanded the circle of their deployment in the north after tightening their control over the E Beirut areas and placing Pres Amin al-Jamayyil u/what seems like house arrest at his residence in Sinn al-Fil. Info from E Beirut says Ja'ja' has set conditions for Pres al-Jumayyil's departure from country, incl: 4. Handing over to Leb Forces Bayt al-Mustaqbal [publishing house], V of Lebanon radio, and FR-lang pub 'La Revue du Liban', mouthpiece of al-Jumayyil (WBI 14/10)

LESOTHO R Lesotho reported 31/8: We start being 24hpd tomorrow 1/9; stn has been being 03-22. Meanwhile, TV being will be introed 7/9 from M-Net, Jo-burg based company, initially of 30-min duration (WBI 9/9)

LIBERIA ELWA, 11835, tuning sig 2027, into AR 2030, new fq, not planned 11790, 8/9 (Bob Padula, SurreyHills Vic, Australia)

MALI Monitoring 2/10: Malian radio in Bamako obs to carry pgm in EG 1845-19 Sun 2/10 on 4835, 4783. Pgm consisted of summaries of past week's nx in Mali interspersed w/pop mx, ancd as being bc every Sun at 1845 (WBI 7/10)

MALTA/LIBYA Jana nx agcy repoted 31/8: The Radio of the Mediterranean Sea is to be inaugurated in Maltese capital Valletta, at the height of the Libyan Arab people's commemoration of 19th anniv of Great Faith Revolution [1/9], and w/in framwork of consolidation and reinforcement of relations of friendship betw the Lib Arab and Maltese peoples...

Monitoring 1-6/9: V of the Mediterranean made inaug bc at 0600 1/9 w/EG anmt: "This is the start of a new radio stn xmtg from island of Malta. We are happy to launch the VOM, a svc ready to keep you informed abt events happening in the Medit region". Another anmt: "We'd like to welcome all our listners from Medit region. This is VOM, new beingstn run by Malta and the Libyan Arab Jamahiriyah. Today 1/9, our new stn is proud to intro itself to you all, hoping you'll stay tuned

to us for the whole hour. 1/9 is spl day for us here: we have mutual understanding, to strength intl peace and to safeguard natl sovereignty and cultural identity. Malta & Libya have come together in a being venture."

Stn obs daily 06-08 on 9765, 14-16 on 11925; first hour of each in EG, 2nd in AR. MW 1557 also ancd for 0600 but not yet confirmed. Xmsns are from DW relay at Cyclops. Other ES from Malta, R Mediterranean, in EG, FR, AR, continues bc from same site. Inaug bc of VOM incl iv w/Malt Forn Min Vincent Tabone welcoming opening of stn. Bcs on subsequent days incl features on Libya's rev anniv; nx from Medit, ME, world; mx & poetry; other info, educ, entertainment material. Listeners invited to write to P O Box 143, Valletta; another addr, P O Box 17, Hamrun, Malta also ancd by Meeting of Friends pgm in AR; that has also been used by Libyan ES's R Jamahiriyah (WBI 9/9) One must wonder--hope?--that Malta's eagerness to cooperate w/Libya is based solely on self-interest, to keep the neighboring Mad Dog at bay (gh) The 06-08 bc is to ME, the 14-16 to Eu & ME; nx in AR at 0730, 1530 (WBI 16/9)

DW on recent new 13760 from here in Chinese 1210 7/9 (Bob Padula, Victoria)

MONACO TWR for 25/9/88 to 5/3/89; days of week start with l=Monday, I believe.

| LANGUAGE | KW | TIME (GMT) | FREQ | D A Y S | KIRGHIZ | 500 | 1515-1530 | 12025 | 67 |
|-------------|-----|------------|-------|-----------------|---|-----|-----------|-------|---------|
| ARMENIAN | 500 | 1930-1945 | 09425 | 1234567 | KURDISH | 500 | 1600-1615 | 12025 | 1234567 |
| BELORUSSIAN | 100 | 1645-1900 | 07250 | 1 | LATVIAN | 100 | 1800-1815 | 07250 | 1234567 |
| BULGARIAN | 500 | 1720-1745 | 07250 | 567 | LITHUANIAN | 100 | 1815-1830 | 07250 | 23 |
| CATALAN | 100 | 1300-1315 | 09495 | 1 | MACEDONIAN | 100 | 1730-1800 | 07290 | 7 |
| CROATIAN | 100 | 1250-1345 | 09495 | 7 | NORWEGIAN | 100 | 0600-0820 | 09650 | 1234567 |
| | 100 | 1750-1745 | 07290 | 123 56 | POLISH | 100 | 1000-1015 | 09495 | 2 67 |
| | 100 | 1745-1800 | 07290 | 12345 | | 100 | 1655-1730 | 07315 | 1234567 |
| CZECH | 100 | 0930-0945 | 09495 | 4 67 | ROMANIAN | 100 | 1900-1915 | 07350 | 3 |
| | 500 | 1120-1200 | 09495 | 7 | | 100 | 1900-1930 | 07350 | 12 4567 |
| | 500 | 1645-1700 | 07250 | 1234567 | RUSSIAN | 100 | 1500-1700 | 09495 | 1234567 |
| | 500 | 2035-2050 | 06250 | 4 | | 100 | 1515-1670 | 11600 | 1234567 |
| ENGLISH | 100 | 0625-0800 | 07105 | 1234567 | | 100 | 1650-1645 | 11600 | 23 567 |
| | 100 | 0800-0840 | 09480 | 12345 7 | | 500 | 1800-1815 | 09495 | 1234567 |
| | 100 | 0840-0910 | 09480 | 7 | | 500 | 1815-1845 | 09495 | 1234 67 |
| | 100 | 0910-1000 | 09480 | 7 | | 500 | 2000-2030 | 07290 | 1234567 |
| ESTONIAN | 100 | 1815-1830 | 07250 | 1 4567 | SERBIAN | 100 | 1730-1745 | 07290 | 4 |
| FARSI | 500 | 1530-1845 | 12025 | 12345 | SLOVAK | 100 | 0930-0945 | 09495 | 123 5 6 |
| | 500 | 1545-1600 | 12025 | 1234567 | | 500 | 1130-1200 | 09495 | 6 |
| GERMAN | 100 | 0820-0905 | 07795 | 7 | | 500 | 2035-2050 | 06250 | 567 |
| | 500 | 0830-0805 | 06250 | 7 | SLOVENIAN | 100 | 1745-1800 | 07290 | 6 |
| | 100 | 0905-0920 | 09795 | 1234567 | SPANISH | 100 | 1200-1315 | 09495 | 2 7 |
| | 500 | 0905-0920 | 06250 | 1234567 | | | | | |
| | 100 | 1105-1120 | 09795 | 123456 | (SWS) TADZHIK | 500 | 1515-1530 | 12025 | 23 |
| | 500 | 1105-1120 | 06250 | 123456 | | | | | |
| | 100 | 1145-1200 | 06250 | 3 (SWS) TADZHIK | | | | | |
| | 100 | 1415-1420 | 09795 | 6 (SWS) | TURKISH | 500 | 1615-1640 | 12025 | 1234567 |
| | 100 | 1430-1500 | 09795 | 1234567 | UI RAHIAN | 100 | 1845-1900 | 07250 | 123456 |
| | 500 | 1430-1500 | 06250 | 1234567 | USBEK | 500 | 1530-1545 | 12025 | 67 |
| HUNGARIAN | 100 | 0945-1000 | 09495 | 1234567 | (via Richard Lemke, St Albert, Alberta) | | | | |
| | 500 | 1700-1730 | 07250 | 1234567 | | | | | |
| KAZAKH | 500 | 1515-1530 | 12025 | 45 | | | | | |

NETHERLANDS R Neth in EG: 0230-0325 Am 9895F 9590B 6165B 6020F. 0400-0425 ME/ Af 9850F 7210F. 0530-0625 Am 9715B 6165B. 0630-0655 Af 11930F 9895F. 0730-0825 Au 9715B 9630B. 0830-0855 M-F Au 9770B. 0830-0925 As 21485M 17575M. 1030-1125 Au/Am 9505B 6020B. 1130-1225 Eu/ME/As 21480M 17605F 17575M 15560F 9715F 5955F. 1430-1525 Eu/As 17575F 15560M 13770F 11735M 5955F. 1630-1725 Af 15570M 6020M. 1830-1925 Eu/As 21685B 17605B 15175M 6020M 6020F. 2030-2125 Af 15560M 11740F 9895F 9540M. Output totals: 316.20 hpw, made up of: DT 92.00, EG 72.05, SP 44.55, IN 33.15, FR 25.40, AR 19.15, Dutch/Carib 16.20, PT 12.50 (WBI 7/10)

NETHERLANDS ANTILLES R Ned should fix their damn xmtr on 9590 & 9715 via Bonaire; still causing same noise 45 kHz above & below, 13/9 (Ernie Behr, Kenora Ont, referring to Aug 1N-26) above B=Bonaire, M=Madagascar, F=Flevo, Holland

TWR Bonaire ancd 20/9: we'll be airing spl pgms to hurricane-stricken Jamaica starting early morn 30/9 to 3/10 on 800 MW, 0530-07 gmt. Also incl Caribbean Nightcall hours on Sat & Sun nites in that spl pgming (WBI 30/9) Did they do anything useful, like emergency communications? (gh)

NEW ZEALAND RA communicator reported 4/9: Comprehensive changes to NZ being are coming; including external SW svc. Brian Clarke in Auckland: Seems RNZ which has funded SW from public being fee for a number of years, had decided that

if that was the continuing situation, it'd have to close down svc at end of this year. But govt now publicly committed to retaining and strengthening SW, and funding for svc is to go to Forn Affs Min, from 1/7/89. Tech details likely to be completed by this Nov. Not[sic]involve new xmtrs--3 to 4 mega\$ capital expenditure mentd here, and also talking about annual running costs between 1 and 2 mega\$. And this funding from FAM'd come out of general taxation. All info suggests Pac region to be prime target of upgraded SW. Also suggested RNZ prepare, bc spl pgmng to Pac under contract to FAM. Already have on DS most SPac langs w/daily nx and probably basis for expanding cov into Pac. I speculate that site will be on the Rangiteiki Plains, in central North Island on plateau. Always has been favoured site but talk of other location incl S Island, Bay of Plenty N of Auckland. No reply yet whether BBC is part of deal; believe BBC plan is long-range rather than short-term (WBI 9/9)

NIGER V of the Sahel, Niamey; at various times of day fqs split into two svcs, Ch 1 and 2, to carry separate nx bulls in lcl langs. This sked shows basic week-day pgms--there may be weekend vars. 0530-07 on 5020 3260, 07-15 9705 7155. 15-1630 Sat 9705 7155, 1630-17 Sat 5020 3260. 17-22(Sat 23) 5020 3260. All also on 1575, and FM fqs ancd: Niamey 90.189, 93.624; Zinder 91.3, Maradi 90.4, Dosso 99.8. Multilingual including: 0557-06 pgm pw in FR, 06-0610 nx in FR. 0630-0655 nx in Kauri, Toubou, Tamajaq, Gormantche. 12-1215 nx in FR. 14-1430 pgm in Zarma/Hausa on ch 1, Tamajaq on 2. 1430-15 pgm from Agadez in local langs. 1705-1709 nx in FR. 1710-1730 pgm from Agadez in lcl langs. 1730-1740 nx in AR. 1740-14 [sic] nx in lcl langs. 19-1920 nx in FR. 20-2030 Sun nx in EG. 20-2030 Mon-Sat pgm from Agadez in lcl langs. 2030-21 pgm from Tahoua in lcl langs. 2150-2155 nx in FR (WBI 16/9)

PAKISTAN R Pak regional at Peshawar in verns hrd w/G sigs on 4780 13-1603, //4950 14-15. Azad Kashmir R over R Pak facilities in Urdu 7265 06-1000v and 4790 1150-1805. Nx relay from R Pak. O&C w/anthem "Yeh vatan hamara azad kashmir" (Our Homeland is free Kashmir) (Supratik Sanatani, Aligarh, India, 8/8)

R Pakistan, ES from Karachi/Islamabad: 0045-0230 Urdu As 17660 15115. 01-0245 Bengali As 15190 11995. 0230-0245 EG nx at dictation speed As 17725 17660 15580 15115 7175. 03-0345 SH Af 17725 15135. 0330-0415 Persian ME 12005 9860. 04-05 Gujarati Eaf 17725 15135 incl Urdu nx 04-0403. 0430-0645 Urdu ME 17660 15605 . 12015. 0515-0615 AR ME 17870 15565. 07-0745 Turki for Afgh 7225 6175. 0715-0815 Burmese 21595 21475 17640. 0715-1105 Urdu Eu 17660 15606 incl EG nx 08-0803, 1005-1010, 11-1105. 09-0945 Tamil As 17770 15195. 1015-11 Indo 21595 21475 17640. 1105-1120 EG nx dictation Eu 17660 15606. 1115-1230 Hindi As 11640 9495. 12-13 AR ME 17890 15605. 1230-1445 Bengali As 15295 11995 incl 1427-1442 Sylheti nx. 13-1430 Hazaragi for Afgh on 756. 1315-1545 Urdu ME 15605 13675 11615 9475. 16-1630 EG ME/Af 17800 15135 13675 11615 9775 9475 incl dictation nx 1615-1630. 16-18 Dari 585. 1645-1745 TK Eu 15090. 13665 11635. 1645-1718 Urdu Eu 15270 11570. 17-1745 Persian ME 11615 9455. 1718-18 EG Eu 15270 11570. 18-19 Urdu Eu 15270 11570. 18-19 Urdu Is'bad pgm to ME 9475 585. 1915-2015 FR Eu/ME/Af 11635 11570. Total output is 236.50 hpw; EG totals 11.54 in fifth place (WBI 14/10)

PANAMA Monitoring 25-26/9: La Exótica radio stn in Pan City, which had been closed by govt 9/2/88, obs bcing again on 740 kHz since 2100 25/9. Has IDed as above but relayed pgms from R Alegre. 1225 26/9, Aris de Icaza, owner of La Exótica net and R Alegre, ancd that La Exótica had returned to air. But net stns R Exito in La Chorrera and La Exótica in David remaind closed by govt. Other Exótica net stns, La Exótica in Provincias Centrales on 800 and La Exótica in Colón on 850 have been obs relaying R Alegre since 26/9 (WBI 30/9)

PAPUA NEW GUINEA RA Communicator iv w/Gordon Darling in Port Moresby, 9/10: R Western Highlands in Mount Hagen came on line w/10 kW xmtr quicker than expected, commissioned by Comms Min who said govt intended to improve comms svcs in provs to enable people to play positive role in development of country. Upgrading of NBC's prov net on sked. These stns now 10 kW using NEC 8740 HFB xmtrs: R Milne Bay 3365 & 6040. R Central 3290. R Western 3305 & 6080. R W Sepik 3205. R East New Britain 3385 5985. R W Highlands 3375 5965. 49mb chs used 22-06 for relay of natl Kari [sic] svc incl parliament when in session, schools pgms. Other 5 stns sked for new 10 kW, Morobe, Simbu, Enga, Madang, E Sepik, should all be opl by mid-Nov. New fq plan will take longer to implement. 11 new xmtrs from NEC supplied w/xtals for old allocations so take a while to order new xtals and co-ordinate change of fq to new allocation for all. Karai svc from FM no longer available on any HF fqs 3925 4890 9520, all xmtrs off. So Karai available to overseas only on 49m daylight relays by Kundu svc prov outlets (WBI 14/10)

PERU The item on page 29 of Sept LN came from Takayuki Inoue Nozaki, in his Relámpago DX. Originally intended for inclusion in Aug, when its provenance would have been clear from adjacent material, it was bumped for space reasons until Sept w/credit missing. Our apologies (gh)

LV de la Selva, Iquitos, per monitoring in Aug, has varied from 4825.0 to 4824.7, sometimes on 4825.8. Don't confuse w/R Sicuani on 4826.2

R San Juan, Caraz, 4731.6: Per third letter dated 18/8 from Sr Victor Morales Guerrero, gerente, bcs daily 10-03 on nom 4730 w/ 1 kW, installed by himself. Uses half wave dipole. Xmtr site on Cerro San Juan, 500m above city where there is also a stone image of Saint John, and stn named for him. Pgms include: Fiesta Andina, Trocha Ancashina, De Corazón a Corazón. Remanso Infantil, El Noticiero San Juan, Cumbres Juveniles, Remanso Tropical. Reception reports to: Jirón Pumacahua No. 528, Caraz, Depto de Ancash, Peru.

R del Pacifico, 9949.8, 24/9 *1105-1200 G=F, s/on still says 9675 (Takayuki Inoue Nozaki, Japan, Relámpago DX) [sic]

PHILIPPINES FEBC on new 9875 *2238 IS, into Lao dialect 2230 ex-9655 9/9. Also new 11995 ex-11865 0945 Indo dialects, G 10/9; new 15100 ex-15350 in Chinese langs 0940 10/9 (Bob Padula, Victoria) 100 kW xmtr of FEBC at Iba sked: 22-24 9830 Mandarin, 03-09 12025 Mandarin, 09-14 9800 Mand, 14-1830 9845 Russian, 1830-19 Ukrainian. 10 kW xmtr: at Bocaue on 6005 22-23 Cantonese, 23-2330 Amoy. All other FEBC bcs are via 50 kW Bocaue; EG at 23-2330 on 6030, 00-02 on 15480, 03-05 & 13-16 11850, 0830-0930 11850 & 15100 (Robert Chester, RA JP DX Time 8/10)

DW relay via R Veritas Asia from 25/9 in Chinese 12-1320 on 11845 ex-9690 (Bob Padula, Vic, RA JP DX Time 10/9) DW provides rest of relay sked on 250 kW Palauig xmtr [see also GERMANY W]: 09-0950 FE 17875, 0950-1150 17820; SAS 1320-16 15185 (Robert Chester, RA JP DX Time 17/9)

R Veritas Asia hrd on 11760 ancy using that and 15220 for EG 15-1530 (ibid) R Ng Bayan reported 8/9: Pres Commission on Good Govt [PCGG] will investigate reports of alleged mismanagement of two sequestered TV stns. This was disclosed by PCGG Chmn Matero Caparas who said comm will also probe alleged QRM by some Malacañang offls in mgmt of Chs 9 & 13. PCGG learnt that relatives of some high-ranking Malacañang offls were designatd as senior mgrs and members of the board of administrators of the two stns, prompting resignation of stns' current mgrs.

FEBC reported 8/9: Offl of Pres Comm on GG said 2 major TV nets now under effective control of govt, despite PCGG's failure to sequester them. PCGG offl said RPN ch 9 and IBC ch 13 now dominated by some Malacañang offls (WBI 16/9) GMA7 TV reported 4/10: Mgr of PTV ch 4 ancd that the stn will remain govt. Con-radio Limcauco said decision by Pres Aquino and cabinet. Per him, hoped that PTV4 would acquire own licence from NTC as well as own charter. Limcauco also said PTV4 should not rely solely on ads in endeavours to provide proper support to govt's position on various issues (WBI 14/10)

SEYCHELLES FEBA Radio News Oct/Dec reported: Stn's licence issued by govt came up for review at yearbegin and negos over intervening months are almost concluded exc for finalisation of few minor details. Govt agreed to renew licence for further 25 years. New xmtr being purchased, known as TX4, providing extra 7 hpd at peak time. Will be 100 kW, four times more powerful than old faithful T1, being honourably retired after opn since 1940s--not all that time w/FEBA, of course! (WBI 14/10)

SINGAPORE Addr of BBC FE Relay is P O Box 120, Bakit Panjeng PO, Singapore 9168; phone 260-1511. It is said stn will verify reports sent directly. Xmtr at Kranji on N shore of Singapore close to Sing-Johore Baru causeway (Wolfgang Schweikert, FRG, Sep DSWCI SWN)

SOLOMON ISLANDS R Australia reported 5/9: PM of Solomons, Ezekiel Alebua has lifted ban on ABC and RA journalists entering his country. On offl visit to Au, Alebua said he forgave ABC for unfortunate incidents. SI govt ancd ban after RA bc pgm abt withdrawal of visas from certain Au businessmen working in SI. Alebua told parliamentarians lifting ban as goodwill gesture, but wanted ABC to respect SI perceptions, attitudes, values. (WBI 9/9) Was the story accurate?

SOUTH AFRICA TV-1 reported 7/9: R RSA began Danish bcs today, now 12 langs, and Soviet svc to be introed vy soon. Danish is 15 min nx once a week on 21535. Reporters are (¿Eric Sonnexon) and (¿Kate Sasoroth). New svc established thru au-spices of pro-S African groups in Denmark, and S Af Danish community to project

a more objective image of S Africa to Scandinavia. New svc widely publicized in Scand media, including front page of Copenhagen's Communist daily newspaper Land og Folk. Expectation is that bcs'll be monitored v closely both by conservative pro-S African groups and by leftists like ANC offices in Copenhagen (WBI 16/9) [Wed 1600]

R RSA reported 7/10: board of SABC ancd appt of Mr Wynard Harmse, new dir-gen of corp. Had been acting dir-gen since taking over few months ago from Leon Eksteen, former S Af amb to UN. (WBI 14/10)

R RSA D88 to 3/3/89, EG: 02-04 NAm 9615 305, +11760 305, +9580 320. 04-0415 Af/ME +11900 19, +7295 20, 9585 340. 11-12 Af/ME/Eu 17755 19, +11900 5, +21590 335. 14-16 Af/ME/Eu 17755 19, 11925 5, +21590 335, 21535 7. 18-19 Eu +15365 340, 17795 342. 19-20 Af/ME 15365 340, 7295 5, 17795 19. + = 500 kW, others 250; other figures are azimuths (R RSA) No usage of 13 or 25 MHz shown

SRI LANKA DPA reported 21/9: After 3-year interruption, DW again xmtg pgms to Asia from Trincomalee relay in NE SL, partially destroyed by Tamil rebels in 1985. DW xmts 8 hpd in Chinese, EG, HD, IN, JP, UD, Sanskrit via 2 SW xmtrs (WBI 30/9)

SUDAN Monitoring 17/8 to 18/9: National Unity R from Omdurman hrd on 18/9 on 9435 for first time since 17/8; at 14-1430, incl nxpaper headlines, sports items. No explanation on why bc only half normal length. 9435 also currently used by R V of Ethiopian Unity at 18-20. Stn hostile to Eth govt believed to op from xmtrs in Sudan (WBI 23/9)

SURINAM R Surinam Intl, inaugurated 2/9/84; via Radiobras, Brasilia; now sked: Mon-Fri 17-1745 on 17840 to Eu in DT, EG, Sranan Tongo; nx in DT 1705-1715, EG 1730-1740 (WBI 16/9)

SWAZILAND TWR on new 7200 ex-7205 for EG 0430 (Bruce MacGibbon, DXS via RA JP DX Time 24/9)

SWEDEN SCDX reported 13/9: R Sweden and Swedish Telecom submitted report to Forn Ministry outlining need for new SW xmtrs to replace current 3. Paper responding to report questions value of SW, and whether normal listeners out in the world listen to RS thru all the static. It then rejects relays and xmt exch w/other bcers and suggests RS could get by w/just one SW xmtr in active svc. It does support addl transcription and MW svcs. Listener comment invited. Perhaps you think future of intl bc somewhere else? (WBI 16/9)

R Sweden in EG: 0230-03 Au/Am 11950=USB 11705 9695. 0330-04 ME 11705. 1230-13 As/Au 17780 15430 9565. 14-1430 As/Au/Am 17860 15430 15345. 1530-16 Af/As/Au 17780 15430 15240. 18-1830 Eu/Af 11845 7265 6065 1179. 21-2130 Eu 9655 6065 1179. 2230-23 Eu/Af/Am 11925=USB 1179 (WBI 7/10) Total output 177 hpw, Swedish 73.30, EG 28. (ibid)

Varberg on LSB new 11927.5 in EG at 2230 30/9, QRM VoA Philippines 11925. Also new 11952.5 LSB 0230 1/10, QRM Alma Ata & VOA Spanish 11950 (Bob Padula, Vic) Are these reference carrier fqs? Normally would be a sesquikHz away if not (gh)

SWITZERLAND SRI ES in EG not incl to Eu: 02-0230 Am 17730-B 12035 9885 9725 6135 6095. 04-0430 Am 12035 9885 9725 6135. 0630-07 Af 17570 15430 12030. 0830-09 Au 21695 17830 13685 9560. 10-1030 same. 11-1130 As 17830 15570 13685 11935. 1330-14 As 21695 17830 15570 15135-C 13685 11695-C. 1530-16 ME/Af 21630 17830 15430 13685. 1830-19 Af 11955 9885. 21-2130 Af 15570 12035 9885. Total output, excluding Eu, 166.15 hpw, led by EG 35, IT 32.15, FR 32, GM 30.30 (WBI 23/9)

SYRIA R Damascus ES, but during wintr time Nov-Mar one hour latr than: 00-0015 PT Am 12085 9950. 03-04 AR V of Iraq ME 12085 9470 9430 7355 1125 828 (VOI bc fqs vary constantly to avoid QRM). 04-0530 HB ME 783 incl nx in AR, BG, FR, GM, RS, SP on diff days. 13-14 TK Eu 11625. 13-1430 HB ME 783. 18-1830 RS Eu 15095. 17-18 AR V of Iraq ME 11625 9470 9430 7355 1125 828. 1830-1930 AR V of Arab Egypt 782 666 567. 1835-1905 GM, 1905-2005 FR, 2005-2105 EG Eu/Am 15095 12085. 2105-2205 EG Au/Am 15095 9950. 2215-2315 AR & 2315-24 SP Am 12085 9950. Total output 91 hpw.

General Pgm, Damascus, DS; during summer time Apr-Oct pgms and fq changes one hr earlier than: 05-1130 15095 12085, 1130-16 12085, 16-18 9950 [SW usage only given here] including 1530-16 Armed Forces pgm; 1630-17 V of Palestine (not during Ramadan when at 1830-1915) (WBI 9/9)

TONGA Formal approval just given to NZ-based relig group United Christian BCers to set up radiostns in SPac kingdom. W/in 12 months, UCB aims to have 5 kW MW on

738 kHz, and 500 W FM on 93.0 MHz. MW xmtr will be on main island Tongatapu, but direxional beam N will provide coverage of other Tongan islands. FM will cover capital Nuku'alofa w/EG format for tourist while MW mainly in Tongan. This is first stage; once fully established, they intend to follow up w/intl SW opn, beaming beyond SPac (Bryan Clark, DSWCI Sept)

TUNISIA Monitoring 15-21/9: Since 20/9, Tunisian DS in AR monitored on SW: 0330-06 12005 9675 7475, 06-17 17610 12005 11550, 17-22 12005 9675 7475. Prior to 20/9, 9675 was used instead of 17610 at 06-17. W/intro of wintr time in Tun 25/9, these xmsns one hour latr. ES in AR, ex on one or two of above fqs 15-17 & 18-20, not traced since Apr 88 and seems discontinued.

RFI reported 13/9: To modernise Tunisia, Pres Ben Ali needs intl support. Visiting France, hopes to develop project for bc'ing French TV ch in Tunisia. Surprised live reception of French TV not reality long ago; to be settled next month after launch of TDF-1 satellite (WBI 23/9)

UGANDA R Uganda reported 18/9: Offls of Min of Info & B'ing HQ have visited (Mawagga) radio stn where they briefed members of Mubende development comte on rehab of stn where new xmtr being installed, to be completed next month (WBI 30/9)

U S S R RSP&P ancd 2/9 in Hebrew: Sorry to annc death of our dear comrade Lev Talanov, who died of cardiac arrest this morn. He was 64; had been Chief Ed of our stn since day it was established 25 yrs ago, talented journalist, pleasant person (WBI 9/9) Monitoring in Sept: Offl sked from RSP&P dated Oct-Apr but presumably valid from 25/9 shows addn of bc in EG to Eu, first time. Also add GM to Eu 2230-23; daily 30-min GM first bc 17/10/67. Fqs for both: 7250=6 Nov to 4 Mar; 7360; 7340=until 5 Nov, from 5 Mar; 6145=until 5 Nov; 4060=from 6 Nov; 1323.

R Moscow svcs in SP to Eu now ID regularly as R Moscow Intl instead of simply R Moscow; French doing that since 1/4/83 (WBI 16/9)

Monitoring 25/9: RSP&P new xmsn to Eu in EG & GM confirmed 22-2230 & 2230-23 resp on 7360 7340 6145 1323. GM also 1530-16 on 12040 7380 7360 7340 6145 1386.

Monitoring 24-27/9: From 2300 24/9, R Moscow general SP svc to LAm called RMI. SP to Eu also using this title for past month or so. Survey 25-27/9 shows RMI in SP now continuous in one-hour blox 19-06, addl hour added 05-06. Some fqs opt out to carry regionalsvcs for Cuba, Chile, RSP&P.

R Moscow reported 25/9: From 25/9, Arabic svc beaming to Arabs in Eu, i.e. France, Belgium, FRG, Holland, others, daily at 19-2130 on 3l & 4lm. Incl greet-ing from kinfolk in homeland, vice versa by tape. Send to: The Soviet Union, Moscow, Soviet Radio, the Arabic Section. Ed note: RM in AR 04-05 & 15-2130; on-ly last 2½ hours beamed additionally to Eu; SW fqs for this period are: 13740 12030 11765 9895 9810 9795 9675 9480 7440 7305 5920 (WBI 30/9)

R Moscow GBI svc 1/10 replying to question on salaries: average sal of RM ancrs, secretaries abt natl averge, 200+ rubles a month. Ancrs, sum depends on qualifications, increases as improve. Work requiring artistic skills such as a rdio drama and extra effort, rewarded by addl pay. Some ancrs write pgms of their own for which they get paid too. Same for secys who want to write scripts. Many are evening students of fornlngs, journalism, and quite often they're promoted on graduation from their colleges.

RMI reported 30/9: On 18/8 we bc first pgm in Euskera [Basque]. Now a 2nd on 18/10 at 2220 (WBI 7/10)

Monitoring 5-9/10: chex of R Tashkent ES since 5/10 show revised sked betw 15 & 19 incl new xmsn in Dari, viz: 1520-1550 Dari 12005 7275 5975 5945 5935. 1530-16 Uighur 7255 5915 5035. Rest are all on 12005 9540 7275 5975 5945: 1550-1630 Uzbek, 1630-17 Persian, 17-1730 AR, 1730-18 UZ, 1830-19 Persian.

RMWS reported 11/10: Sovyetskaya Kultura article caused minor sensation here at stn: forn lang bcs of RM, and msg that perestroyka at RM FS is slower than on TV, home radio. Reason: our colleagues at home egged on by letters from readers, viewers, listeners, while what we get are not angry ltrs but a knobturn and lost listener. Article by one of RM's leading GM lang commentators says our bcs and work should be open to public scrutiny and sums up: No sense trying to conceal our drawbax from people; at any rate they are perfectly obvious to any sensible prsn abroad tuning in (WBI 14/10)

U K O G B A N I BBCWS on unlisted 9455 2030-2145* //9410 etc. Maybe new NAM relay as OOB fq usually used by US stns? (Bob Padula, RA JP DX Time 1/10)

U S A Undated KUSW info sheet says listen for new fqs to be ancd 6/11/88; Pgm incl Spoken Word from Temple Square at 06 & 16 Sun; twice a year LDS confs Sat/Sun

1600 & 2000 UTC. Future plans; Utah Symphony will be played at 1850 Sun (via Richard Lemke, Alta) Unclear if these UTC times are firm or depend on whether DST is in force (gh) KUSW D88, 6/11 to 26/3: 16-22 15650, 22-01 15580, 01-05 11695, 05-07 6175, 07-11 6135, 11-13 6130, 14-16 9850 (George Jacobs & Assocs) That's the total 24h sked available, but they haven't been operating overnight except UTC Sun, and have been off Sun afternoons. Too many other DX publications print these skeds as if stn actually uses entire authorization! (gh)

WSHB, the CS Monitor stn in Cypress Creek SC, now under construction, has this sked registered for D88 in case on the air by 26/3: 6150 10-12 & 12-13 both 25 degrees. 6005 04-08 315. 9455 04-08 245. 9495 08-10 152, 10-12 167. 9745 02-04 315. 11580 14-16 315. 11980 00-02 25. 13760 12-14 188, 00-02 167, 02-04 188. 15205 22-24 25. 15225 20-22 315. 17640 14-16 245, 22-24 152. 17750 20-22 137 (GJ&A)

World of Radio on WRNO 13760 hrd 9/7 2335-2400, 45433 (Alexey Osipov, Leningrad USSR, DSWCI SWN Sept) Glad to know this making it thru, but seasonal changes now putting us more on 7355 (gh) Stumbled across WOR #461 on WRNO Sun 16/10 2315-2345 on 13760, must have been sked 2030 bc delayed by football beginning at 20. Top 30 USA usually airs 21-24; if FB preempts WOR & significant amt of Top 30 USA, then WOR more likely to air immediately after FB (Ray Jennings, Philadelphia PA). Not always hrd then, but Thu 20/10 we were on 11965 at 1530. DST shift makes the nominal WOR sked now: Thu 1630 on 15420; UTC Fri 00 & 0130 on 7355; Sat 04 on 6185; Sun 0030 on 7355, 2130 on 13760. Times vary widely, and some bcs are missing w/out warning. Always try to catch the first airings on Fri. Once the Sat 0300 did not start until about 0320. Fortunately, none of the nom sked times now are at the end of a fq usage period, so there should be no more abrupt cutoffs of WOR before it is over, this season! (gh)

RNMN reported 29/9: 30/9 is last day that many of the SW xmtrs carrying AFRTS will be hrd. As from 1/10-, VOA Bethany, Delano, Munich cease AFRTS. (¿Eldon) Russell, asst dir of AFRTS in Wash explains reasons: SW quality is marginal at best; cov we get from xmtrs leased don't reach locations where we have military personnel e.g. ME, Persian Gulf, parts of Eu, FE, Arctica [as hrd]. Cost of lease continues to rise as audience on SW dwindled. Tech now allows us to go to hi-quality satl delivery to reach navy ships at sea, remote land areas. For a third of the cost of SW, AFRTS will hire ch on Inmarsat satl syst from 1/11 for Pac, 1/3/89 for Atl. AFAN Antarctica will continue on 6012 to reach people off base, but also getting satl dist there (WBI 7/10)

VATICAN New 11695 ex-11700 EG to Af 2045 7/9 (Bob Padula, Victoria, Australia)

YUGOSLAVIA Monitoring 3-9/10: since 3/10 R Yugo reorganised sked, xmsn times altered, several new fqs. Maybe w/start of winter time 25/9. So far EG monitored: 01-0145 9660 9620 5980. 13-1330 15380 15325 11735. 1930-20 9660 9620 5980. 22-2245 9660 9620 7130 5980 (WBI 14/10) Belgrade on new 7130 ending FR Eu 2245, presumed via Bijeljina, listed as such for D88 by ITU THFBS. Various other new fqs listed for D88 but some have remained unchanged for at least 30 yrs; 30/9. Also new 11835 in SP, apparnt new svc or retimed, 2015-2030 when Tirana open on same fq in EG, 4/10; list 500 kW Bijeljina. R Skopje pgm, 7240, Macedonian nx 2122-2130* retimed for winter 8/10 (Bob Padula, Vic)

ZAIRE V of Zaire reported 13/9: Expl radio & TV bcs of ZRTO started 1/9 at Kindu regional stn in Manyema region [centraleastern Zaire]. The radio, being experimentally on 60mb at 350 watts dates back to 40-45 war. Ed note; bcs from Kindu not yet traced; VOZ now hrd from Bukavu on 4839, Lubumbashi 7205 (WBI 16/9) Azap nx agcy reported 10/10 from Kindu: Citizen Tshila Muana, Governor of Maniema region, recently visited earth satl stn of Zairean satl telecomms net (Rezatsatsat) at Tokolote and Kindu region office of Zairean Natl Posts & Telecomms Office (ONPTZ). At ONPTZ office, staff raised issue of late payment of salaries in past 3 months, lack of power supply to area which makes it difficult for Kindu to communicate w/outside world and defective state of valves in 350 watt xmtr, which has been converted to a radio-xmtr [sic, what else was it??] by OZRT in Maniema (WBI 14/10)

CLANDESTINE CRANNY R Patria Libre R Progreso, Havana, reported 11/10: In Colombia, the rebel org Army of Natl Libn (ELN) has ancd that the insurgent radiostn, RPL has begun being. Will be first clandestine guerrilla radio stn in Colombian history. (BBCMS Ed note: in fact two other Col clans recently: V of the Resistance, first monitored 3/88, in support of Revly Armed Forces of Col (FARC-EP) and Simón Bolívar Guerrilla Co-ord Comte (CGSB), and R Macondo, existence mentd by Cuban nx agncy, and which apparently

supports the April 19th (M19) mvmt) (WBI 14/10)

R Farabundo Marti Monitoring 4/10: RFM, hostile to govt of El Salvador, hrd in SP 2317-2327 4/10, fq varied 6600-6703 attempting to avoid QRM. During xmsn ancd: "We bc at 12 and 23 on 40mb close to 7 MHz from heroic and undefeatable Chalatenango [El Salprov]" When last traced in Aug was on at 1830-1930, 23-24 (WBI 14/10)

R Verdad (EG: R Truth) reported by DPA nx agcy to have begun 25/7/87. Bcs extreme right-wing views, tho no org claims responsibility. Opposition groups in El Sal claim Comms Ministry and 'deathsquads' are behind the bcs. During summer time in El Sal all bcs one hour earlier than: 20-2130, 01-0230, 12-1330 on 107.0 MHz FM (WBI 30/9)

R Liberación (Shortwave) previously IDed as V of the UNO (United Nic Opposition) (SP: LV de la UNO) until this org changed name to Nic Resistance (RN) in Aug 87. First hrd at Caversham on 3/2/87 but is thot to hve been in existence for some months. Pgms are hostile to the Nic govt and support the Contra rebels. R Lib SW may be connected w/R Lib/R 15th Sept and MW R Liberación stn which is thot to bc from El Sal at 00-12 on 1520. This radio commenced bcng 15/1/87, now sked in SP daily to Am on 5889.1 at 02-0330, 11-1230, 16-1630, 20-2130 (WBI 30/9)

R Liberación/R 15th September first hrd in Apr 81 and originally IDed as R 15th Sept (SP: R Quince de Septiembre). R Lib/R15th Sept is thot to be connected w/R Lib SW and R Lib MW above. The radio carries material hostile to Nic govt and is believed to op from xmtrs in Honduras. Also occly carries items in EG, Moskito [sic], Suma. Now sked 12-2345 daily in SP to Am on 6215 5930 (WBI 30/9)

TV Marti R Rebelde, Havana reported 29/9: US House of Reps has approved 7.5 mega\$ for experimental opn of anti-Cuban TV ch. Funds for so-called TV Marti included in law for allocation of funds by Congress for the depts of state, justice, commerce sent to Pres Reagan for his signature. Prensa Latina adds that Senate had approved bill last July. Main sponsor is Democrat Sen Ernest Hollings. Critix inside Congress and admn have said the TV ch has marked political intentions and could be interpreted as a punitive axion against a legally established govt (WBI 7/10) You mean Castro's?? (gh)

R Freedom SAPA nx agcy, Jo'burg reported 27/9 from Utrecht, Holland: A 5th mobile studio for the ANC's R Freedom will start beaming to S Af in Oct, due to donations totalling 140 kiloguilders Dutch from local journalists and teachers, SAPA's correspondent reports. R Freedom's 5th mobile bcng radio stn will not only send from Tanzania, but will also become a local training centre for radio-journalists. R Freedom, financed by public fund-raising campaigns of the Dutch anti-apartheid mvmt, already has four other radio units beaming from Lusaka, Addis Ababa, Madagascar and Luanda. Until this month, the training of R Freedom journalists was provided in the Neth. However, Mr Paul de Cock, Dutch-based coordinator for R Freedom, this week issued a fund-raising request in 'De Journalist,' the monthly journal of the Neth society of journalists. R Freedom still needs another 40 kiloguilders to pay trvel and housingcost of the students at the Tanzania unit. Donations for all 5 have since 1982 come from all but one of the major Dutch radio stns, both major trade unions and Novib, the govt-support=ed development aid org (WBI 7/10)

V of the Tigre Revolution monitoring 5/9: adtl fq located, exact fq varying day to day. Lies between 7888 and 7892, hrd //9343, 9311, 7830. So far only confirmed for the 04-0530 Amharic/Tigrigna bc (WBI 9/9)

V of the Libyan People Monitoring 28/9: Egyptian radio's V of the Arabs svc obs carrying this pgm at 1953. Bcs of pgm were discontinued in March 1988 as part of halt to attacks on Libya by Eg offl media. Pgm last hrd 5/3 (WBI 14/10)

V of Palestine, V of the Palestine Revolution (Arabic: Sawt al-Filistiniyah, Sawt al-Thawrah al-Filistiniyah), carrying material in support of PLO leader Yasir Arafat, first hrd 7/7/87 but may have been in existence for some time. Israeli nxpaper cited Kuwaiti nx agcy distributed leaflets in area 12/5 asking Pals to tune in. Xmtr thot to be in one of PLO camps in S Lebanon. Bcs on 1190 first hrd 9/7/88 and may come from separate location. A pro-Arafat VOP last hrd in 1983 bcng from north of Leb but an anti-Arafat stn, which IDed as VOP, VOPR, V of Natl Unity, was hrd Mar-Aug 84. This one is on 1149 in AR at 06-10, 12-16, 1915-20; incl nx and comment in Hebrew at 09-0915 (WBI 9/9)

V of Truth (Arabic: Sawt al-Haq) inaugurated 8/8/86. Bcs in support of Phalangists and Leb Forces. Pgm material indicates stn reps Pres Amin al-Jumayyil. No location ancd, but main studio centre and addr is P O Box 373, Antelias. In FR IDs as R Vérité (R Truth). During summer time in Leb all pgms one hour earlier than: 0430-2205 on 1368 and 104.8. In AR incl nx in FR 14-1410, EG 16-1610 daily (WBI 9/9)

V of Kurdistan Democratic Party 2/10 issue of Istanbul Hurriyet newspaper reported that 5-party Kurdish alliance 'has issued a call thru the V of Kurdistan Democratic Party, which can be hrd in SE border regions of Turkey, instructing peshmergas [Kurdish fighters] who can carry arms to return to the battlefronts and join the rank of the alliance..' No further info known about a stn of this name tho V of Iraqi Kurdistan believed to be in support of the KDP (WBI 7/

V of Iraqi Kurdistan obs 12/9 1630-1650 w/pgm in Bahdinani Kurdish; fq varied 5500-5560 to avoid QRM (WBI 23/9)

V of the Kurdish Fighters (Surani Kurdish: Kurdi Dangi Mujahed) obs via V of the Crusader (Mojahed) xmtrs on 4258 & 3543 at 14-1520, 12-14/9 (WBI 23/9) variable

V of the Crusader, 7129, talks in Farsi, revly mx at 1330 (Robert Shepherd, RA JP DX Time 24/9)

V of Iranian Kordestan [sic] obs 12-14/9 in Surani Kurdish 1330-1430 and Persian 1430-15 on 7420 4665 4100. Tho carrying same pgm, xmsns on 7420 4665 4100 were out of step; with one another (WBI 23/9) (Kurdish; Ayra Dangi Kurdistani Irana) monitored irregular since 1973; supports Iranian Kordestan Democratic Party, hostile to govt of Iran. All fqs vary constantly to avoid QRM and not necess //; oft one xmtr's pgming lags behind another by up to several secs. Also bcs at 03-0430 in Bahdinani Kurdish and Prsian, same langs at 1330-15 on same nom fqs (WBI 7/10) More contradixions

V of the Workers found in progress in Persian at 1815 on 4135 (WBI 23/9) (Persian: Seda-ye Kargar), hostile to govt of Iran, supports pro-Soviet Iranian Revly Worker Org, Rah-e kargar. Tho first obs 6/87, stn probly in existence for some time. VOW may be associatd w/V of the Feda'i, which has used same fq. Bcs may be extended by up to a sesquihour; timings apx: 03-0430 & 1630-18 on 4135v in Persian to ME (WBI 14/10)

V of the Communist Party of Iran obs 17-19 on 4452 in Persian & Azeri 12-14/9 (WBI 23/9) Persian: Seda-ye Hezb-e Komonist-e Iran, first monitored 26/8/84 but believed in existence for some time. For listeners' letters ancd addr in W Germany, Italy, UK = EM Box 2123, London WC1N 3XX, England. Believed to be associatd w/V of the Iranian Rev. Coded msgs sometimes bc up to 45 mins after s/off times: on 4452v and 3840v: Persian 17-1830 exc Fri 1730-; repeated 0315-0445 exc Fri 0430-06; in Azeri 1830-19 Sun & Wed (WBI 14/100)

V of the Iranian Revolution hrd in Surani Kurdish 14-1520, Persian 1520-16 on 6443 12-14/9 (WBI 23/9) Persian: Seda-ye Engelab-e Iran; Kurdish: Aira Dangi Shurashi Iran; hostile to govt of Iran; first hrd 16/1/83, believed associated w/VOCPI. Fqs, xmsn times vary constantly to avoid QRM; on 6443v, 4420v, 3864v: 14-1520 Surani Kurdish, 1520-16 Persian; unconfirmed at 09-1015 Sur Kur, 1015-1045 Persian (WBI 7/10)

Iran's Flag of Freedom R (Inj Radio Darfaresh Kaviyani), Farsi-speaking anti-Khomeni stn from Egyptian sites, not noted 29/7 on 15555 7080 at 1630. Appeared on 9400 at 1820 and soon s/off w/anthem. R Iran followed on this ch //7075 1830+. Monitoring frm 30/7 failed to log them for 1630 or 0430 bc on 15555 7080. Other stns known to op from same site, i.e. R Iran, V of Muslim Mujahads of Afgh were on as per sked (Supratik Sanatani, Aligarh, India, 8/8) Monitoring 31/8-4/9: IFOFR ancd on 31/8 that from Sat 3/9, eve pgms at 1630-1830'd be on 9045 in addn to 11615. But when checked 4/9 bcs still on 15560 and 11615 (WBI 9/9) 25m fq at 1630-1830 recently varied, 12/8 11610, 21/8 11630, 28/8, 9/9 and 10/9 11615; //15560 (Tetsuya Kondo, Yokohama, Japan, 11/9, ABI)

V of Mujahadeen-e Khalq This pro Rajavi anti Khomeni stn from Iraq noted w/increased activity on and from 26/7 as nx agencies report that MEK's military wing, the Iranian Natl Libn Army INLA had occupied the western Iranian towns of Karand-e Gharb and Eslamabad-e-Gharb. Whereas 7130 supported [sic] occly by 3540 was its channel before 26/7, it was noted on 6100, 7130, 7180, 9580, 9595 from *1600 past 2000. 26/7 at 1608 VOMEK pgming on 9545 suddenly switched to Arabic pgming from

Iraq. Apparently the Iraqis had given up too many channels to the Mujahadeens! Also noted s/on w/sound of flying aircraft, machine gun rattle and other fanfare on 9545 at 0600, and noted past 0900. All channels exc 9580, which is very faint, are bubble jammed (Supratik Sanatani, Aligarh, India, 8/8)

V of Mujahadeen of Iranian Baluchistan Farsi speaking stn w/fqt mtn of Muj and Bal hrd on 9545 05-06. 06, VOMEK followed on fq. Obviously using Iraqi facilities. Jammer-free. Not obs at 1600 because by then all the sked ch get involved with MEK (Supratik Sanatani, Aligarh, India, 8/8)

R Free Afghanistan per fq sked from RFE/RL for S88 from 25/9: Pashto 0230-03, Dari 03-0330 on 15115 11935 9555; Pashto 1330-14, Dari 14-1430 on 21530 17735 15370 (Tetsuya Kondo, Yokohama, Japan, 11/9, ABI)

V of Democratic Kampuchea latest sked: 04-0455 on 17680 15110. 09-0955 on 17533 11870 11780. 13-1355 on 9965 9440. 18-1855 8345 7590. 2330-0025 9440 8345 7350 (NDXC Newsletter via RA JP DX Time 10/9) Reports elsewhere suggest the 18 bc is a separate Cam cland opn (gh)

V of the Khmer (Cambodian: Samleng Khmer) started expl MW bc from Camb/Thai border area on 15/1/84. SW xmsns started 10/85. Describes self as non-communist natl Cambodian being stn in the liberated zone of Cam under the leadership of Sihanouk and Son Sann. At 05-07, 11-14, 23-24 in Camb to As on 6325 and unconfirmed 1250 (WBI 16/9)

VOK ancd 24/9: VOK happy to announce that during the Pchum Ben ceremony, our traditional Buddhist ceremony, for a period of 15 days from 26/9 to 10/10 we will add extra 2h to morn pgm, now 21-24. Our stn will be [on 6325, 1250] chanting of hymns to the deceased and tradl mx in accordance w/Pchum Ben trad every morn at 21-22. Apart from this, during Pchum Ben ceremony our stn will also bc various entertainments relating to this ceremony (WBI 30/9)

Vietnamese Resistance Radio, first obs 22/2/84. Ancs bc from Base Camp No. 15 of Natl Unified Front for Libn of Viet. Establishment was welcomed by a Viet nx-paper in Paris on 1/2/84. One hour in VT to As at 02, 06, 10, 14, 22 on 7320; alt fqs 7355=former fq, 10300, 7400 (WBI 16/9)

P U B L I C A T I O N S REVIEW OF INTERNATIONAL BROADCASTING No 127 was expected to be mailed to subscribers 28/10. This one has lots of articles, BBC's much-revised program schedule, Satellite Watch, other SW program info, comment. A limited number of extras have been printed as samples, for \$2 in North America, \$3 elsewhere. 10-issue subs in NAM \$21; elsewhere by airmail, \$27 or \$29 or \$31 depending on the distance. US funds only on US bank. From Glenn Hauser, Box 1684, Enid OK 73702.

DX LISTENING DIGEST, companion publication to RIB, and resembling LN in content, contracted style unlike RIB, No. 23 should be published in Nov. Exactly same rates as RIB, or both for \$40 in NAM.

WORLD BROADCASTING INFORMATION published weekly by BBC Monitoring Service, gives up to date news on developments in world broadcasting including: Details of different programme and fq skeds. Being behaviour and tech developments. Activities of cland and unoffl bcers. For more info write: Subscriptions Office, BBC Monitoring Service, Caversham Park, Reading, RG4 8TZ, Berkshire, England. Cost including airmail surcharge to North America is 369 pounds, around \$625.

End of November LISTENERS NOTEBOOK -- Until the next, 73 de Glenn

WANTED: Lafayette HA-63 and Hallicrafters SX-130 receivers in good condition. FOR SALE: WRTH 1987 in good condition, \$5.00. Tom Daly, 18 Phyllis Drive, Pomona, NY 10970.

FOR SALE: NRD-525 receiver with matching speaker, slow/fast tuning capability, \$895.00. Sony ICF-2010, \$225.00. ICOM HPI headphones, \$25.00. Panasonic RQZ104 portabpe tape recorder, \$15.00. Radio West ferrite bar loop active antenna, \$50.00. All items in mint condition. Neal E. Kolb, 707 Western Drive, Belen, NM 87002. (505) 864.2991.

Because of space problems, we've had to limit the ads this month. All others received will appear next issue. Don't call collect, please.

QSLs

Please send your reports to:

Sam Barto
47 Prospect Place
Bristol, CT 06010 USA

AEU DHABI: Voice of the United Arab Emirates 11965 p/d folder cd. in 22 ds. v/s Ahmed A. Shouly. (Laskowski-IN).

ANTARTICA (Argentina): Radio Nacional Sao Gabriel LRA36 15474 f/d "Logo" cd. in 10½ mo. for a SP rpt., ms. and a cassette tape. v/s Raul Marcelo Navarro, Jefe Oficina Radiopostal. (Eckert-PA). 15476 f/d cd. in 15 mo. for a SP rpt. (Field-MI).

ARMENIAN SSR: Radio Moscow 15455 via Yerevan f/d cd. in 2 mo. (Renfrew-NY). 12015 f/d "Dzerzhinsky Square" cd. in 52 ds. (Archer-NC).

ASIATIC RUSSIA: Radio Moscow 15535 via Kenga f/d "Sherry Lynn Poster" cd. in 42 ds. (Wilkins-CO). 12060 same cd. in 39 ds. (Archer-NC). 9865 f/d cd. in 2 mo. (Renfrew). 17675 via Irkutsk f/d cd. in 49 ds. (Archer-NC). same in 49 ds. (Paszkiwicz-WI). 17880 f/d "Poster" cd. in 49 ds. (Archer). 17850 via Khabarovsk f/d "Poster" cd. in 49 ds. (Archer-NC). 17570 f/d cd. in 49 ds. (Archer). 9610 f/d cd. in 39 ds. (Archer). 12030 via Petropavlovsk-Kamchatsky f/d cd. in 39 ds. (Archer). 9895 f/d cd. in 39 ds. (Archer-NC). 17860 via Chita f/d "Poster" cd. in 49 ds. (Archer-NC). 17685 via Vladivostok f/d cd. in 2 mo. (Palmerheim-MN). 9795 via Komsomolsk-Amur f/d cd. in 2 mo. (Palmerheim-MN).

AUSTRALIA: Radio Australia 9580 f/d cd. in 37 ds. (Hazzard-PA). 17715 f/d "1850s Melbourne Bicentennial" cd. in 202 ds. (Eckman-CA). 9645 via Darwin f/d "Lyre-birds" cd. w/ sticker and schedule in 27 ds. (D'Angelo-PA). 11795 via Shepparton same cd. in 39 ds. w/ schedule and sticker. (Levison-PA). 17795, 15395, 15320 and 15160 f/d "Platypus" cd. in 35 ds. w/ sticker, schedule and newsletter. (Brouillette-IL). 17795 and 15395 f/d "Melbourne" cd. in 141 ds. for 1 IRC. (Brouillette). National Standards Commission Time Station 12982 p/d form ltr. in 127 ds. for 1 IRC. v/s S. Parker. (D'Angelo-PA). VIMA 4920 via Brisbane xerox copy of a f/d cd. w/ stickers in 204 ds. for \$1.00. (Rugg-QUE).

AUSTRIA: Radio Austria International 6015 f/d "Costume of Klagenfurt" cd. w/ schedule and a clipping of when my name was mentioned on the air in 65 ds. (Zobro-MI).

AZERBAIJAN SSR: Radio Baku 4785 f/d plain white slip of paper w/ 2 Baku postcards in 308 ds. (Archer-NC). 15260 f/d "Lenin Library" cd. in 56 ds. (Archer). This last one was for Radio Moscow.

BELGIUM: BRT 9925 f/d form ltr. in 28 ds. w/ schedule for 2 IRCs. (Brouillette). f/d "Royal Green Houses" cd. in 32 ds. (Levison). RBF Radio 4 International 9925 and 11660 f/d cd. in 3 mo. w/ sticker and schedule. (Barto-CT).

BOLIVIA: Radio El Mundo 6015.1 f/d cd. w/ p/d personal ltr. in 7 wks. for a SP rpt. and \$1.00. Pennant rcvd. v/s Freddy Banegas Carrasco, Gerente. (Palmerheim-MN).

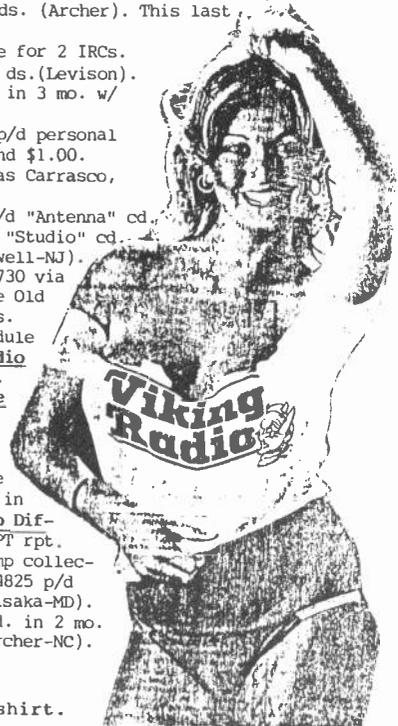
BONAIRE: Trans World Radio 9535 f/d "Antenna" cd. in 1 mo. (Foell-LA). 15355 f/d "Studio" cd. in 1 mo. v/s Gladys Romo. (Huniwell-NJ).

BRASIL: Swiss Radio International 17730 via RadioBras in Brasilia f/d "Zug-The Old Town" cd. w/ site indicated in 19 ds. (Buer-FL). same cd. w/ site and schedule in 12 ds. for 1 IRC. (Wakisaka-MD). Radio

Aparecida 6135 f/d "Studio" cd. in 2 mo. for a PT rpt. (Huniwell-NJ). Deutsche Welle

15185 via RadioBras in Brasilia f/d cd. in 1 mo. (Field-MI). Radio Cultura do Para 5045 form ltr. w/ travel info. in 31 ds. for a PT rpt. and \$1.00. v/s Ronald Poster, Director de Radio. (Wakisaka-MD). Radio Gaucha 6020 p/d cd. in 68 ds. for a PT rpt. and ms. (D'Angelo-PA). Radio Difusora do Amazonas 4805 p/d ltr. in 43 ds. for a PT rpt. and \$1.00. v/s José Joaquin Marinho (who is a stamp collector). (Wakisaka-MD). Radio Educadora de Braganca 4825 p/d folder cd. in 32 ds. for a PT rpt. and \$1.00. (Wakisaka-MD).

BYELORUSSIAN SSR: Radio Moscow 15320 via Orsha f/d cd. in 2 mo. (Renfrew-NY). f/f "Lenin Library" cd. in 56 ds. (Archer-NC).



I finally talked my wife into modeling a T-shirt.

CAMEROON: CRTV Yaounde 4850 f/d form ltr. in 50 ds. for ms. v/s James Achanyi Fontem. (Rugg-QUE).
CANADA: Radio Japan 5960 via Sackville n/d "Iris Garden" cd. in 32 ds. for a JP rpt. (Wakisaka).
Radio Canada International 11945 f/d "Human Rights" cd. in 14 ds. (Hazzard-PA).

CANARY ISLANDS: Radio Exterior de Espana 15365 via Tenerife f/d cd. w/ stickers, pennants and tourist info. in 75 ds. for a SP rpt. and 2 IRCs. Report and reply came direct from station. (Wakisaka-MD).

CHAD: Radio Nationale Tchadienne 4904.5 p/d form ltr. in 81 ds. for a FR rpt. after a f/up rpt. w/ ms. v/s Le Directeur des Services Technique de l'Information. (Rugg-QUE).

CHINA, PEOPLES REPUBLIC OF: Radio Beijing 11860 f/d cd. in 33 ds. (Levison-PA). Chinese Peoples Broadcasting Station 5860 n/d cd. in 4 wks. (Renfrew).
International Committee of the Red Cross 11695 via Beijing and 15135 via Kunming f/d cd. in 1 mo. for 1 IRC. (Renfrew).

CIANDESTINE: La Resistencia en Marcha 5890

- * n/d personal ltr. in 4 mo. for a SP rpt.
- * (Field-MI). Radio Liberacion 6215 f/d cd. in 1 mo. Report sent to Centro de Informacion y Evaluacion, Apt. 348-1200, San Jose, Costa Rica. (Field-MI). La Voz de Resistencia do Galo Negro 4973 f/d cd. in 1 wk. on my 3rd try. Report sent to the Free Angola Information Service, P.O. Box 65463, Washington D.C. 20035-5463. (Field-MI).

COLOMBIA: Caracol Neiva 4945 n/d personal ltr. in 53 ds. for a SP rpt. Report sent to

- * Caracol Neiva, Apartado Aéreo 8700, Bogota. (D'Angelo-PA).

SEÑAL
 RICARDO A. D'ANGELO
 2216 Hurley Drive
 Bryn Mawr, PA 19010
 Teléfono México

Estimado señor: le comunicamos que hemos recibido una
 respuesta de recepción y así nos
 sentimos muy satisfechos de contestarle y deseamos
 que se agradezca mucho las atenciones que nos
 da y se informe a sus contactos.

Por último menciono que se encuentran en Surte America
 en nuestra frecuencia de 4.943 MHz desde Santa
 Nella Colombia.

Entre se encuentra situado a 300 kilómetros al sur
 de Colombia distancia que la supera de Bogotá la
 capital de nuestro país.

altura 440 metros
 Temperatura 27°C.
 Señal la capital del septor del
 sur.

sitio de Internet

Estación Ferrnarrail
 Monumento a la gallina
 Complejo deportivo Mill es realizacion los juegos
 Atletismo Nacional en 1.978
 Evento entre el 24 y 29 de junio cada año se
 celebran las festividades de San Pedro y Simón Nacional
 Del Asomado con desfile de caballos, danzas típicas.
 Mas al sur del Huila se encuentran San agustín famoso por
 su parque Arqueológico.

Correspondencia
 Caracol Petrol
 Bogotá Colombia
 Apartado aéreo 8700 Bogota



The University of the South Pacific
 EXTENSION SERVICES

P.O. Box 1166, Suva, FJ
 Telephone: 312000
 Cable: University from Suva: FJUSP

Suva

Suva

20 September 1988

EXT/14/13

Mr San Barte
 47 Prospect Place
 Bristol, CT 06010
 USA

Dear Mr Barte

Thank you for your letter where you said you have been receiving
 our educational radio broadcasts well.

University of the South Pacific (USP) has eleven USF Centres in the
 Pacific island countries. Students in these countries can
 enrol at their respective centres to undertake studies of their
 choice by extension programme broadcasted via satellite or HF
 radio.

USP has an educational telecommunication network which utilizes
 Intelsat Pacific Ocean Region Satellite (at 76 deg orbit) and HF
 radio. Six of the USF Centres are connected to the satellite
 network while the rest are on the HF radio network. Signals from
 satellite and HF radio networks are normally switched at Suva,
 Fiji Control Centre so that students at the HF Centres can have
 access to broadcast via satellite network and vice versa. Most of
 the tutorial programme you have heard were conducted from Suva
 and Port Vila, Vanuatu (for Constitutional Law); USP does not own
 earth stations but instead leases, from national carriers from
 each island country, one single channel per carrier (SCPC) which
 is operated in half duplex mode. The network is usually
 configured to operate in a point-to-multipoint mode.

However, the HF radio network which is also operated in a half
 duplex mode is owned and operated by the USP.

Space segment charges are complimentary of the Intelsat under the
 "Intelsat Project Share Programme" which expires on September 30,
 1988.

Because of the vastly scattered areas of the Pacific compounded
 by expensive air travel within the island states, the students at
 the centres are able to have access to the University programme
 for higher learning which otherwise would have been impossible.

How let me give you the technical specifications of the HF
 transceivers we use:

- Make : ICOM of Japan
- Model : IC-701T
- Frequency (MHz) : 6360, 8070, 12140
- of Operation
- Transmitter
 - a) Emission Mode: J3E (upper sideband)
 - b) RF Output Power (watts): 150
- Antenna : Dipole
- Antenna Height: 40ft.

Best Regards

K. Maitava

Kevin Maitava
 Programme Officer (Satellite Communications)

VERIFICATION SIGNERS: Radio Del Pacifico 9949.8

- Petronio Allauca, Relaciones Publicas. RFI Jambí 4927 H. Ali Amran. RFI Padang 4002.8
- Drs. H. Syasul Muin Harahap, Kepala Stasiun. Radio Dublin International 6915 Eamon Cooke, Director of Shortwave Service. Adventist World Radio - Forlí 7257 Mrs. Geraldine Cirillo. Malawi Broadcasting Co. 3380 H.R. Chirwa, Chief Engineer. Radio Mexico 9705 Beatriz Villa Medina Garcia, Gerente - Onda Corta. Radio Nacional Arcangel San Gabriel LRA36 15474 Raul Marcelo Navarro, Jefe de Oficina Radio Postal Base Antartica. RFI Djakarta 11865 R. Baskara, Station Manager. Radio Chita 4860 A.A. Anufriyev. Radio Ulan Ude 4795 L.S. Shikhanova. Radio Riga 5935 R. Visnere, Mail-bag Editor. Radio Cordech 4935 Jorge Crespo Aviles, Director. Radio Impacto 5030 Raul Saavedra. LOL 10000 Ernesto Emilio Faccini, Jefe del Observatorio Naval. La Voz del Tropico 4747 Oskar Ustariz Arandia, Director. Radio Ilimani 4945 Carmelo La Cruz Huanco, Gerente. Radio Timbira 4976 Joao Ferreira. Radio Cultura do Para 5045 Roldan Pastor. La Voz del Rio Arauca 4895 Antonio Pardo Garcia, Gerente Nacional de Produccion. Radio Amanecer 6025 Pastor Fidel Ferrer, Director. La Voz de Los Caras 4795 Marcelo A. Nevarez F. Radio Nueva Vida 5567 Marco Caicedo A., Pastor. Radio Mil 11700 Manuel Ma. Pimental, Presidente Tesorero. The above via PLAY-DX.....Sam.

COLOMBIA: Emisora Nueva Granada HJKE 6160 p/d ltr. w/ stickers in 6 wks. for a SP rpt. and ms. This was for an 82 reception. (Palmerstein-MN).
 * La Voz del Ariari 5991.5 p/d personal ltr. in 44 ds. for a SP rpt. and ms. Stickers rcvd. This was on my 5th try. (Allen-OK).

COSTA RICA: Radio Impacto 5030 f/d ltr. w/ postcard sticker and pennant in 26 ds. for a SP rpt. and \$1.00. v/s Hector Requena C., Aceso General. (Wakisata-MD).

COSTA RICA: Radio Reloj 4832 f/d cd. in 25 ds. for a SP rpt. and \$1.00. v/s Francisco Barabona G. (Wakisaka-MD). TIPC 5055.1 f/d cd. w/ p/d ltr. in 1 mo. for \$1.00. Pennant and sticker was rcvd. v/s Juan Jacinto Ochoa F., Manager. (Palmer-shim-MN).



NOTES: Michael J. Healey of Johnston, RI says he has been enjoying this column for the past several months. He has recently erected a 250' "quazi-rombic" antenna. He is saving for an ICOM R71A but will have to wait a bit longer...It is worth the wait...Sam. Father John Eckert in Collegeville, PA says that he finally got his QSL from LRA36. He is quite pleased with the QSL. It was the first new country he heard on his new R-5000. He has been DXing for about 4½ years and the R-5000 is quite a step upwards from the GE World Monitor receiver. I would think so...Sam. Rod Scott has just sent in his first report to the column. Everything is fine Rod - keep the reports coming in on a monthly basis...Sam. Old friend Nelson George of Fayetteville, NC let his membership in FRENDX lapse for a while (you bad boy!). After receiving a QSL in the mail it perked up his interest once again. Glad to have you back...Sam.



CUBA: Radio Rebelde 5025 cd. w/ ltr. along w/ program schedule and pennants in 72 ds. for a SP rpt. and 1 IRC. v/s Jorge Luis Mas Zabala, Relecciones Publicas y Gerencia Comercial. (Wakisaka). p/d cd. w/ ltr. and 2 different pennants in 100 ds. (Archer). Radio Moscow 9600 via Habana f/d cd. in 2 mo. (Palmer-shim-MN). in 2 mo. w/ f/d cd. (Renfrew-NY).

CZECHOSLOVAKIA: Radio Praha 5930 f/d cd. in 51 ds. (Rugg-QUE).

DENMARK: Radio Denmark 15165 f/d cd. in 13 ds. (Levison-PA). same in 26 ds. for a taped rpt. and 1 IRC. (Hazzard-PA).

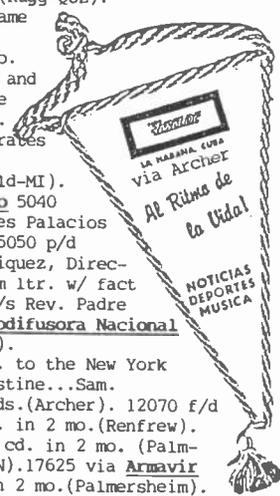
DOMINICAN REPUBLIC: Radio Amanecer 6025 n/d cd. w/ ltr. in 8½ mo. for 1 IRC. (Renfrew). f/d cd. w/ ltr. in 6 mo. for a SP rpt. and ms. v/s Pastor Fidel Ferrer, Director. Letter stated that the first two rpts. from NA were from Jensen and Potter. (Orcutt). n/d cd. w/ form ltr. in 37 ds. for a SP rpt. and ms. v/s Socrates Dominguez. (Rugg-QUE). p/d cd. w/ ltr. in 9 mo. for a SP rpt. and 2 IRCs. (Palmer-shim-MN). same in 3 mo. for a SP rpt. (Field-MI).

ECUADOR: HCJB 11740 f/d cd. in 18 ds. (Hazzard). La Voz del Upano 5040 ltr. w/ cd. in 40 ds. for a SP rpt. and \$1.00. v/s Sor Dolores Palacios C., Directora. (Wakisaka-MD). Emisoras Jesus del Gran Poder 5050 p/d postcard in 30 ds. for a SP rpt. and \$1.00. v/s P. Jorge Enriquez, Director. (Wakisaka). Radio Catolica Nacional del Ecuador 5055 form ltr. w/ fact sheet in 30 ds. for a SP rpt. and \$1.00. Pennant was rcvd. v/s Rev. Padre Antonio Arregui, Director General de Radio. (Wakisaka). Radiodifusora Nacional 17790 f/d cd. in 7 mo. after a f/up rpt. to HCJB. (Renfrew-NY).

EL SALVADOR: Radio Venceremos 6659 f/d prepared cd. after a rpt. to the New York City address. (Renfrew)...Should of listed this under Clandestine...Sam.

EUROPEAN RUSSIA: Radio Moscow 9865 via Serpukhov f/d cd. in 39 ds. (Archer). 12070 f/d "Lenin Library" cd. in 56 ds. (Archer). 9865 and 15530 f/d cd. in 2 mo. (Renfrew).

15530 f/d cd. in 2 mo. (Palmer-shim-MN). 17625 via Armavir f/d cd. in 2 mo. (Palmer-shim). 9820 f/d "Railway Terminus" cd. in 39 ds. (Archer-NC). 9530 f/d cd. in 39 ds. (Archer). 15465 and 17635 via Kingisepp f/d cd. in 2 mo. (Palmer-shim). 15465 f/d "Lenin Library" cd. in 56 ds. (Archer). 17890 via Moscow f/d cd. in 2 mo. (Palmer-shim-MN). 7420, 9450, 12020 and 13680 f/d cds. in 2 mo. (Renfrew-NY). 10670 f/d cd. in 37 ds. v/s Eugenia Stepanova. (Weber-OH). 17665 via Tula f/d cd. in 2 mo. (Palmer-shim). 9665 via Voronezh f/d cd. in 39 ds. (Archer). 7390 via Zhigulevsk f/d cd. in 2 mo. (Renfrew). 9590 via Leningrad f/d cd. in 2 mo. (Renfrew-NY).



THE VOICE OF ETHIOPIA

Dear Mr. Roland Archer

Ethio QSL card confirms that you were listening to the Voice of Ethiopian on :

DATE 26/6/87 from 03:29 to 04:22 GMT
Mb 41 & 49 KHz 7.110 & 5990

Thank you for your interest

AUDIENCE RELATIONS DEPT.

BALDI REPUBLIK INDONESIA
NATIONAL II REMU
Jl. Pahlawan 12, Pondok
Gede, Jakarta
INDONESIA 16

Berita, 27 Juli 1982.

Page 6 Thu.

Mr. Richard Archer, #24210
550 Hawthorne Park
Beltsville, MD 20742
UNITED STATES OF AMERICA

on 5. - 12 - 47/194

Beberapa berita

Berita Budapest tanggal 20 Februari 1982 adalah kami terima dan terkejut akan komunikasi dengan program negara siaran serta buku laporan harian pada tanggal tersebut berlatar belakang nasional. Terima kasih atas laporan itu. Kami sangat senang membaca pendengar di luar negeri terutama bahasa di luar negeri bahasa. Kami sangat terkejut bila anda sangat senang itu yang akan kami dan itu sangat berguna bagi kami. Perini diketahui pada bahwa sudah ada kali kami berlatar belakang siaran kami dari luar negeri tapi setelah dipikirkan, marilah sama sekali tidak terkejut ini. Apakah itu disebabkan perbedaan waktu/kecepatan atau itu yang ditanyakan, tapi memang tidak jelas bagi kami. Bila anda dapat memberikan informasi yang membantu sangat berterima kasih.

Informasi yang membantu Inggris sering kami terima, namun sudah terkejut apabila melihat tentang pengirimannya. Nilai siaran bahasa Inggris merupakan suatu hal yang sangat penting. Saya berharap hasil ini akan berlatar belakang pada waktu yang akan datang yang dapat meningkatkan program yang akan membantu Inggris. Begitu juga bahasa-bahasa yang lain.

Langkah besar dalam bahasa Inggris, ada yang kami terima. Bagaimana perlatihan kami sebenarnya sekali. Kami pernah menerima F 500 w/ dengan frekuensi 405 kmc, gelombang 45,14 meter dan antena dipole panjang 3,57 meter. Masalah-masalah siaran kami tetap di udara, dan laporan anda adalah suatu hal yang sangat penting. Setelah memahami bahasa Inggris. Setelah itu tentu yang akan membantu sangat berterima kasih. Begitu juga bahasa-bahasa yang lain. Bagaimana perlatihan kami sebenarnya sekali. Kami pernah menerima F 500 w/ dengan frekuensi 405 kmc, gelombang 45,14 meter dan antena dipole panjang 3,57 meter. Masalah-masalah siaran kami tetap di udara, dan laporan anda adalah suatu hal yang sangat penting. Setelah memahami bahasa Inggris. Setelah itu tentu yang akan membantu sangat berterima kasih. Begitu juga bahasa-bahasa yang lain.

Donasikan dan terima kasih atas pertukaran surat. Terus saja baik wahai.

Richard Archer
550 Hawthorne Park
Beltsville, MD 20742
UNITED STATES OF AMERICA

NOTES: Stephen Foley of Bronx, NY asks what the deadline is for the QSL Column. There isn't one. If your report does not appear this month it will be in the next. You may even see a portion of your report in and not the rest. Don't worry about it. I probably received your report after I started typing. We go in alphabetical order so it depends when your report is received...Sam. Bill Mayer of Allentown, PA has returned to DXing after a 3 year hiatus. College came first - as it should. Glad to have you back...Sam. Kirk Allen says that he seems to be in a "QSL slump" at the present time. A lot of us feel that way...Sam. Satoshi Wakisaka in Rockville, MD says he is a 32 year old Japanese scientist working in Maryland. He has been DXing since 1970 and a FRENDX member since around 1978. Sato uses an ICF-2010 for a receiver. Unfortunately he is in the basement of an apartment and cannot use an external antenna. John Scruilleta in Mahopac, NY plans to graduate from college in June of 1989. Only a few reports have been sent out in the past few years. Good luck...Sam.

EUROPEAN RUSSIA: Radio Moscow 15225 via Vinnitsa f/d cd. in 2 mo. (Renfrew-NY). 17645 via Starobelsk f/d cd. in 2 mo. (Renfrew). 17600 via Tula f/d cd. in 49 ds. (Paszkiwicz-WI).

FALKLAND ISLANDS: Falkland Islands Broadcasting Service 3958 f/d ltr. in 1 mo. for 1 IRC. (Hyson-NC). British Forces Broadcasting Station 3958 cd. in 1 mo. for 1 IRC. (Renfrew).
FIJI: University of the South Pacific 9070 (USB) p/d ltr. in 5 wks. See ltr. illustration
* for additional information. Jury is still out on whether or not this is a utility or a shortwave broadcaster. (Barto-CT).

FRENCH GULANA: Radio Japan 11800 via Montsineri f/d cd. in 3 wks. w/ schedule. (name?) 11730 and 15350 p/d cd. in 3 wks. (Renfrew-NY). 15350 cd. in 22 ds. (Darling-PNG). 11730 and 15350 n/d "Highway Interchange at Night - Kitakyushu" cd. w/ schedule in 30 ds. for a JP rpt. (Wakisaka). Radio France International 11670 f/d cd. in 3 mo. w/ schedule. (Foell-LA).



GABON: Radio Japan 11800 via Moyabi n/d cd. in 15 ds. (Kacir-MI). 15235 cd. in 24 ds. (Darling). Adventist World Radio 17890 via Moyabi f/d "African Map" cd. in 113 ds. w/ sticker, schedule and station pennant. (D'Angelo-PA).

GERMAN DEMOCRATIC REPUBLIC: Y3S 4525 f/d cd. in 3 1/2 mo. (Renfrew-NY).
GHANA: Radio Ghana 4915 f/d "Jubilee" cd. in 48 ds. w/ schedule for 2 IRCs. (Wakisaka-MD).
GUAM: Adventist World Radio 11980 f/d cd. in 2 mo. (Renfrew). KSDA 15225, 11750, 11830 and 11980 cds. in 1 mo. (Darling-PNG).

GUATEMALA: IGDC Radio 'K'ekchi' 4845 f/d ltr. in EG in 3 mo. for a SP rpt. v/s David Daniel, Media Consultant. (Barto-CT). f/d prepared cd. in 107 ds. for a SP rpt. (Archer-NC).
HONDURAS: HRVC 4820 f/d cd. in 9 wks. for 1 IRC. (Renfrew).
HONG KONG: BBC 15435 n/d cd. in 2 mo. (Barto-CT).

HUNGARY: Radio Budapest 9835 n/d cd. in 51 ds. (Kacir-MI). 9520 f/d "Children in Costume" cd. in 60 ds. (Kacir-MI). 9835 f/d cd. in 6 wks. (Renfrew-NY).

INDIA: All India Radio 15360 via Bombay f/d cd. in 32 ds. after a f/up rpt. for 1 IRC. (Buer-FL).

INTERNATIONAL WATERS: World Mission
* Radio 6215 n/d ltr. in 2 1/2 mo. Report was sent to the CA address. (Renfrew). f/d "The Hague" cd. in 4 mo. QSL rcvd. via Belgium. (Lobdell-MA). same f/d cd. in 135 ds. for ms. Return address on the envelope was WMR, Box 346, Corona, CA. 91719. The QSL card listed two Holland addresses: Gouwekerk, Hoge Gouwe 41, 2801 LB, Gouda, Holland -or- Hoofdkantoor, Apeldoornseleen 2, 2573 LM,

NOC Radio Western Highlands
Regards from R.W.H. Waters
My Country is diversified name
Aids of Customs, language
and many many others. The picture
shows you mt. Hagen long way
group or traditional performers on
special days.
Mt. Hagen Headquarters of
Western Highland Province.
fairly fully
Richard Kanas
Regional Tech. office
AIR MAIL
PAR AVION
Mt. Hagen - H.O.
for Radio - W.H.
Rawland. Archib
5524 Hawthorne Park
Raleigh NC 27612
United States of America.
Mount Hagen Tribesman At A Size 308
1983
Photo by Eric Seidell

Den Haag, Holland. They stated that they have received many reception reports including one from Albania (I wonder who that was?)(Gavaras).

IRAQ: Radio Baghdad 9875 f/d cd. in 112 ds. for ms. (Rugg-QUE). large folder cd. in 357 ds. after a f/up rpt. (Zobro-MI).

ISRAEL: IBA 15617, 17554.9 and 15095 blue/white cd. in 7 wks. (Barto-CT).

ITALY: RAI 15385 f/d "Felice Casorai" cd. in 114 ds. (Eckman-CA). **United Nations Radio** * 11800 via **RAI** p/d cd. in 6 wks. for ms. (Renfrew-NY).

JAPAN: Radio Canada International 15385 via **Yamata** f/d self-prepared cd. in 2 wks. (Field). * 11705 same cd. in 2 mo. (Renfrew). **NHK - Shoubu-Kuki Radio Station** 3607.5 f/d "Antenna Farm" cd. after a f/up rpt. in 9 mo. direct from station. (Allen-OK). same in 223 ds. * after a f/up rpt. for 2 IRCs. (Darling-PNG). **NHK - Osaka** 3377.5 f/d prepared cd. w/ station cd. in 14 ds. v/s Hideo Ishida. (Kusalik-ALB).

JAVA: RRI Semarang 3935 f/d personal ltr. in EG in 33 ds. for an IN rpt. and ms. v/s Drs. Purwadi, Program Director. (Allen-OK).

KIRIBATI: Radio Kiribati 14802 f/d "Looking Out for Ships" cd. in 35 ds. for 2 IRCs. v/s Mrs. T. Paeniu. (D'Angelo-PA).

KOREA, REPUBLIC OF: Radio Korea 15575 f/d "Equestrian Sports" cd. in 47 ds. (Zobro-MI). **LIBERIA: VOA Monrovia** 15445 cd. in 36 ds. (Darling).

MALAWI: MBC 5995 p/d personal ltr. in 174 ds. for ms. and SASE. v/s H.R. Chirwa, Head of Production. Thanks to Al Quag for the QSL tip on this one. (Archer-NC).

MALI: Radio Beijing 9770 via **Bamako** f/d "Temple" cd. in 64 ds. w/ schedule. (Kacir-MI).

MALTA: IBRA Radio 7110 f/d "CN Towler-Toronto" cd. w/ colorful pennant and decal in 24 ds. v/s Kimberly Youngren, Administrator. (Archer-NC).

MEXICO: Radio Mexico International XERMEX 11770 f/d cd. in 7 mo. for 1 IRC. (Renfrew). 17765 f/d cd. w/ ltr. in 149 ds. for a SP rpt. and 2 IRCs. v/s Lic. Beatriz Villa Medina Garcia, Gerente.

Also rcvd. stickers, schedule, bookmark, etc. (Brouillette-IL). **XELW La U. de Veracruz** 6020 p/d ltr. w/ station fact sheets w/ a large plastic pennant in 36 ds. for a SP rpt. and \$1.00. v/s Ing. Baltazar Pazos de la Torre, Director. This after 3 f/up rpts. (Wilkins-CO). same in 17 mo. for a SP rpt. Pennant rcvd. (Field-MI). **XEQW** 9680 f/d prepared cd. w/ p/d ltr. in 19 ds. for a SP rpt. and \$1.00. v/s Griselda Sanchez Lopez. This was for an 86 reception. (Wilkins-CO).

MONSERAT: Deutsche Welle 11705 n/d cd. in 6 wks. (Renfrew-NY). 9565 f/d "Globe" cd. w/ site in 53 ds. (Archer-NC).

NEW CALEDONIA: RFO 7170 n/d cd. in 81 ds. for a FR rpt. and ms. (Rugg-QUE).

NEWFOUNDLAND: CKZN 6160 f/d folder "Map" cd. in 2 wks. (Huniwell-NJ).

NICARAGUA: Radio Zinica 6120.5 f/d prepared cd. * w/ decal w/ station info. in 51 ds. for a SP rpt. v/s Arturo J. Valdez R., Director. (Archer-NC).

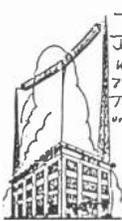
NIGER: La Voix du Sahel 5020 f/d ltr. in 5 wks. for 1 IRC. (Renfrew-NY).

NORWAY: Radio Norway International 15310 f/d "Fish Farm" cd. in 47 ds. w/ schedule. (Zobro)

OMAN: Radio Oman 17770 f/d folder cd. in 60 ds. v/s Rashid Haroon, Head of Radio Maintenance (Gavaras-MN).

PAKISTAN: Radio Pakistan 15115 p/d ltr. w/ cd. in 52 ds. for 3 IRCs. v/s Ahmad Nawaz. Also rcvd. sticker and schedule. (Weber-OH). 17660 p/d cd. in 28 ds. for ms. (Laskowski-IN).

PAPUA NEW GUINEA: Radio Central 3290 p/d form ltr. in 143 ds. for ms. v/s K. Kila, Station Manager. (Archer-NC). cd. in 6 ds. (Darling-PNG). **Radio West Sepik** 3205 f/d cd. in 185 ds. for ms. v/s Leonnie Ramram. (Archer).



Thanks for report

John. Listen for
KROK around 2430 kHz
7430 kHz and 1620 kHz
This Fall. Operate on 1620
or 1630 during quiet season

via John Sgrullotta

This card confirms your reception of

KROK

The Fax on Oct. 12 1987 at 12:10 am EDT

frequency 1620 kHz power 100 watts

antenna Vertical



MALAWI: MBC 5995 p/d personal ltr. in 174 ds. for ms. and SASE. v/s H.R. Chirwa, Head of Production. Thanks to Al Quag for the QSL tip on this one. (Archer-NC).

MALI: Radio Beijing 9770 via **Bamako** f/d "Temple" cd. in 64 ds. w/ schedule. (Kacir-MI).

MALTA: IBRA Radio 7110 f/d "CN Towler-Toronto" cd. w/ colorful pennant and decal in 24 ds. v/s Kimberly Youngren, Administrator. (Archer-NC).

MEXICO: Radio Mexico International XERMEX 11770 f/d cd. in 7 mo. for 1 IRC. (Renfrew). 17765 f/d cd. w/ ltr. in 149 ds. for a

SP rpt. and 2 IRCs. v/s Lic. Beatriz Villa Medina Garcia, Gerente.

Also rcvd. stickers, schedule, bookmark, etc. (Brouillette-IL). **XELW La U. de Veracruz** 6020 p/d ltr. w/ station fact sheets w/ a large plastic pennant in 36 ds. for a SP rpt. and \$1.00. v/s Ing. Baltazar Pazos de la Torre, Director. This after 3 f/up rpts. (Wilkins-CO). same in 17 mo. for a SP rpt. Pennant rcvd. (Field-MI). **XEQW** 9680 f/d prepared cd. w/ p/d ltr. in 19 ds. for a SP rpt. and \$1.00. v/s Griselda Sanchez Lopez. This was for an 86 reception. (Wilkins-CO).

MONSERAT: Deutsche Welle 11705 n/d cd. in 6 wks. (Renfrew-NY). 9565 f/d "Globe" cd. w/ site in 53 ds. (Archer-NC).

NEW CALEDONIA: RFO 7170 n/d cd. in 81 ds. for a FR rpt. and ms. (Rugg-QUE).

NEWFOUNDLAND: CKZN 6160 f/d folder "Map" cd. in 2 wks. (Huniwell-NJ).

NICARAGUA: Radio Zinica 6120.5 f/d prepared cd. * w/ decal w/ station info. in 51 ds. for a SP rpt. v/s Arturo J. Valdez R., Director. (Archer-NC).

NIGER: La Voix du Sahel 5020 f/d ltr. in 5 wks. for 1 IRC. (Renfrew-NY).

NORWAY: Radio Norway International 15310 f/d "Fish Farm" cd. in 47 ds. w/ schedule. (Zobro)

OMAN: Radio Oman 17770 f/d folder cd. in 60 ds. v/s Rashid Haroon, Head of Radio Maintenance (Gavaras-MN).

PAKISTAN: Radio Pakistan 15115 p/d ltr. w/ cd. in 52 ds. for 3 IRCs. v/s Ahmad Nawaz. Also rcvd. sticker and schedule. (Weber-OH). 17660 p/d cd. in 28 ds. for ms. (Laskowski-IN).

PAPUA NEW GUINEA: Radio Central 3290 p/d form ltr. in 143 ds. for ms. v/s K. Kila, Station Manager. (Archer-NC). cd. in 6 ds. (Darling-PNG). **Radio West Sepik** 3205 f/d cd. in 185 ds. for ms. v/s Leonnie Ramram. (Archer).



R.N.I.
496 LoGuarda Place
Suite 451
New York, N.Y. 10012

**RADIO
NEWYORK
INTERNATIONAL**

Certificate of Verification
(QSL)

To: John Sgrullotta
Date of reception: July 28, 1987
Frequency: 1620 kHz and 6.240 SW.
Time: 01:00 UTC

This confirms that, yes indeed, you have heard Radio New York International, America's 1st offshore broadcast station! R.N.I. broadcasts from the ship M/V Sarah, 4 and a half miles south of Long Beach, NY. Look for us to return to the airwaves sometime in Spring 1988. Stay tuned and thank you for your continued support!



R.N.I. transmits on 101.1 FM Stereo, 1620 KHZ Mediumwave, 6.240 KHZ Shortwave and 190 KHZ Longwave.

Love,
R.N.I.

Signed:

John

PAPUA NEW GUINEA: NBC 4890 f/d "Map" cd. in 25 ds. for \$1.00. v/s Timothy Dickson. (Klein-WI). cd. in 6 ds. for engineering tests. (Darling-PNG). **Radio Milne Bay** 6040 cd. in 6 ds. for engineering tests. (Darling). **Radio Western Highlands** 3375 f/d "Map" cd. in 174 ds. for ms. v/s Edward Kenas, Regional Technical Officer. (Archer).

PERU: Radio Tropical 4935 n/d form ltr. in 27 ds. w/ pennant for a SP rpt. and ms. v/s Luis F. Mori Reategui, Gerente. (Allen-OK). 4935.1 p/d ltr. w/ pennant in 204 ds. for a * SP rpt. and \$1.00. (Archer). **Radio Huanta** 2000 4756 f/d prepared cd. in 182 ds. for a SP rpt. v/s Renato Felipe. (Archer). **Radio del Pacifico** 9950 f/d ltr. in 1 mo. for a SP rpt. and ms. v/s J. Petronio Allauca. Also rcvd. station schedule. (Allen-OK). 9949.8 and 4974.9 ltr. in 3 mo. for a SP rpt. (Barto-CT). f/d prepared cd. in 1 mo. for a SP rpt. and ms. [Your report stated **Radio Norperuana** on 9950 - do you mean Pacifico?] (Renfrew). * **Radio Santa Rosa** 6045.5 n/d ltr. w/ stickers and studio photo in 6 mo. for a SP rpt. v/s P. Juan Sokolick A. (Howard-CA).

PHILIPPINES: VOA 15160 n/d cd. in 15 ds. (Weber-OH).

Radio Veritas Asia 11820 rcvd. pennant, schedule, postcards and sticker in 1 mo. but no QSL. (Palmerheim-MN). 6010 f/d "Deepabali" cd. in 20 ds. for 2 IRCs. v/s Ms. Cleofe R. Labindao, Audience Relations Officer. (Archer).

POLAND: Radio Polonia 7270 f/d cd. in 48 ds. (Hazzard-PA). 15120 "Chopin" cd. w/ schedule and sticker in 120 ds. (Eckman-CA).

ROMANIA: Radio Bucharest 9570 f/d cd. w/ schedule in 119 ds. (Eckman-CA). 11940 f/d cd. in 96 ds. (Levison-PA). f/d "Scinteia Square" cd. w/ pennant and schedule in 95 ds. (Zobro-MI)... Haven't seen a pennant from this station in a while... Sam.

SAIPAN: KFBS 11980 f/d cd. w/ stickers in 4 1/2 wks. (Huniwell-NJ).

KYOI 15405 prepared cd. w/ personal ltr. in 203 ds. v/s John Parrott, Director of Public Affairs. (Rugg-QUE).

SINGAPORE: BFC Far Eastern Relay Station 7240 f/d "Antenna Farm" cd. in 16 ds. (Rubin-NY).

SOUTH AFRICA: Radio RSA 9520 f/d "Elephants-Water Hole" cd. in 45 ds. v/s Minnie Visser, Frequency Planning. (Kacir-MI).

SPAIN: Radio Exterior de Espana 9630 f/d "Patio de Banderas" cd. in 60 ds. (Zobro-MI). 11880 f/d "Fifth Century of the Discovery of the Americas" cd. in 3 mo. w/ schedule. (Scott-AL). **Radio Beijing** 9690 via **Noblejas** f/d cd. w/ site after a f/up rpt.

in 29 ds. Schedule was rcvd. (Buer).

SRI LANKA: VOA Colombo 15250 f/d cd.

in 6 ds. (Paszkiwicz-WI).

SUMATRA: RRI Banda Aceh 3904 f/d prepared cd. w/ personal ltr. in 2 mo. for an IN rpt. and ms. v/s Rosakim S.H. (Orcutt-CA).

SWEDEN: Riksradio 15390 via **Horby** f/d cd. in 3 wks. (Renfrew-NY).

SWITZERLAND: International Committee of the Red Cross

12035 f/d "Logo" cd. in 47 ds. w/ schedule for 2 IRCs. (Zobro-MI). same w/ sticker and schedule in 38 ds. for \$1.00. (Eckman-CA).

TAIWAN: Voice of Asia 7445 f/d "Temple of the Emerald Buddha" cd. w/ sticker in 6 wks. (Swaringen-NC).

TURKEY: Voice of Turkey 9445 f/d "Saint Nick" cd. w/ schedule in 39 ds. (Healey-RI). f/d cd. in 15 ds. w/ schedule and sticker (Kacir-MI). **Turkish State Meteorological Service** 6900 f/d ltr. in 65 ds. (Fox-VA). p/d form ltr. in 20 ds. for 2 IRCs. v/s M. Cemil Ozgul, Director General. (Palmerheim).



NATIONAL
BROADCASTING
COMMISSION OF PAPUA NEW GUINEA

Phone 262222 Color: Hombwende, Tele: H27112 Port Moresby, P.O. Box 1239, Boroko, Papua New Guinea.

*Richard Archer
1599...
1599...
1599...
1599...*

Dear *Richard*.....

Thank you for your reception report. The station you listened to was Radio Central. It is one of the nineteen (19) provincial Radio Stations operated by the National Broadcasting Commission of Papua New Guinea.

Radio Central has a transmitter - power of 3,000 watts and broadcasts on 1390 kilohertz. It uses two (2) frequencies in its broadcasts (English and Hiri Motu).

Once again thank you for your report.

Yours Faithfully,

Richard Archer
R. A. WELA
Station Manager
Radio Central Province



RADIODIFUSORA "PAZ Y BIEN"



LA VOZ CATOLICA DE AMBATO
ONDA CORTA A 820 KHz. - ONDA MEDIA 1240 KHz. - F.M. 104.8 MHz

Juliana, 26 de Julio de 1.900

Refer
DOMINGO ARCHER, OPERARIO
3526 Humboldt Park
Baltimore, MD 21212,
ESTADOS UNIDOS DE NOROCCIDENTE AMERICA

Cuerpo de trabajo.

El receptor recibio de su estacion, fecha del 27 de Mayo de 1.900, radio-
fonicamente a la estacion de Montevideo (Radio 5) y luego en ondas cortas -
despues de haberse de vuelta a su estacion de trabajo, y al mismo tiempo com-
plicita que se usaban en nuestro programa de que Ud. ha establecido
de su respuesta a las informaciones recibidas en su carta.

Le es grato recomendar a la presencia de la tarjeta QSL, confirmando su
estacion.

Es un placer de nuestro estacion informarle sobre la estacion de Montevideo,
a las 11:00 en su estacion de trabajo.

*Richard Archer
1599...
1599...
1599...
1599...*

TURKMN SSR: Radio Moscow 17740 via Ashkhabad f/d "Poster" cd. in 49 ds. (Archer-NC).

UGANDA: Radio Uganda 15325 f/d ltr. for an 8l reception in 39 ds. for ms. v/s L.B. Lubega, Sr., Engineer. (Laskowski-IN).

UKRAINE: Radio Moscow 17820, 9710 and 9490 via Kiev f/d cd. in 2 mo. (Renfrew-NY). 17820 f/d cd. in 2 mo. (Palmerheim-MN). 15410, 9610 and 11750 via Lvov f/d cd. in 2 mo. (Renfrew). 9765 f/d cd. in 56 ds. (Archer-NC). 11675 and 15585 via Simeferopol f/d cd. in 2 mo. (Renfrew). 17680 f/d cd. in 2 mo. (Palmerheim). f/d "Dzerzhinsky Square" cd. in 42 ds. (Wilkins-CO). 7300 via Starobelsk f/d "Lenin Library" cd. in 56 ds. (Archer-NC). 17645 f/d cd. in 2 mo. (Palmerheim-MN). 15475 via Vinnitsa f/d cd. in 2 mo. (Palmerheim-MN).

USA: WWV 10000 f/d "Indian Chief on Horseback" cd. in 2 wks. v/s J. Milton, Engineer. (Huniwell-NJ). **KVOH** 17775 f/d "Transmitter/Studio" cd. in 4 1/2 mo. (Lobdell-MA). same in 5 1/2 wks. w/ sticker and schedule. (Huniwell-NJ). **HBC** 9590 via Delano n/d cd. in 2 mo. (Barto-CT). **KUSW** 9850 f/d cd. w/ sticker in 39 ds. v/s Faith Martin. (Weber-OH). same in 33 ds. w/ sticker for ms. (Foxx-VA). **WRNO** 11965 n/d cd. in 9 ds. for ms. (Weber-OH). **Radio Marti** 11930 via Greenville f/d cd. in 3 wks. (Huniwell-NJ). **Voice of Free China** 5985, 9680 and 11740 via WYFR f/d cd. w/ schedule in 44 ds. (Levison-PA).

USSR: Radio Magellanas 9470 n/d SP ltr. in 3 mo. (Renfrew-NY). **Radio Station Peace and Progress** 11655 and 17645 cds. w/ schedule in 45 ds. (Eckman-CA).

UZBEK: Radio Moscow 11810 via Tashkent f/d "Rowing Canal" cd. in 42 ds. (Wilkins-CO).

VENEZUELA: Radio Capital 4850 f/d cd. in 1 mo. on my third try for a SP rpt. w/ ms. v/s Rosy Alvarez, Gerente. (Lobdell-MA).

VIEINAM: Voice of Vietnam 6450.8 f/d cd. in 3 mo. (Barto-CT).

YEMEN (South): Democratic Yemen Broadcasting Service 7190 cd. in * 10 mo. (Hyson-NC).

QSL 9. Agosto - 1977

Radio "La Voz del Napo" HCVN7
Tena - Napo - Ecuador

TARJETA DE VERIFICACION

Señor RICHARZ D. ANSELLO

Estimado oyente:

Con la presente acusamos recibo de su atenta carta en la que nos informa que escuchó nuestra estación: Radiodifusora Cultural "La Voz del Napo" H C V N 7 que transmite desde Tena, Napo, Región Amazónica Ecuatoriana

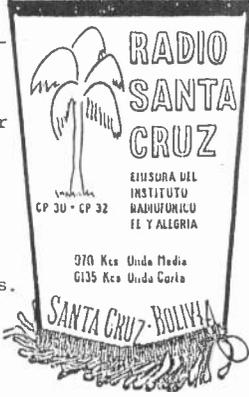
Su recepción fue el día 4 de Agosto a las 04.55 hora ecuatoriana.

Atentamente: G M T

Atentamente.

[Signature]
Director

I guess that will just about end another QSL Column. Hope you all enjoyed reading it and looking at the illustrations. Till next time...Best of DXing and QSLing.....Sam.



Sam



SOLOMON ISLANDS BROADCASTING CORPORATION

QSL CONFIRMATION Date: 18/8/77

This confirms your reception of: 9545 kHz; on 4/8/77 from 0730 (G.M.T.) 9670 kHz; on _____ from _____ (G.M.T.) 1030 kHz; on _____ from _____ (G.M.T.) ; on _____ from _____ (G.M.T.)

The transmission had an aerial power of 10 kilowatts. Thank you for your report, and we wish you good DXing. S.I.B.C. *[Signature]* P O Box 654, HONIARA, S.I.

To Edward R. Purkin 570 WESTCHESTER AV PLATTSBURGH NY 10673 USA

514C7a.



Distributing Editor: John Kapinos, 86 S. Quinsigamond Ave., Shrewsbury, MA 01545

Greetings and welcome to the NASWA Contributions Page. The following folks helped make the November 1988 issue of FRENEX possible:

- Brian ALEXANDER, Mechanicsburg, PA
- Kirk ALLEN, Newkirk, OK: JRC NRD 515
- John ANYWODI, Lexington, VA
- Rowland ARCHER, Raleigh, NC
- Kevin ATKINS, Pinson, AL
- Ray BAUERNUBER, Rosedale, NY
- Paul BROUILLETTE, Hoffman Estates, IL: Icom R 71A
- Edward CICHOREK, Somerset, NJ
- Richard COOPER, Waterbury, CT: Panasonic RF 2200, Sony ICF 2010
- Tom DALEY, Pomona, NY: JRC NRD 515, Sony ICF 2010
- Peter DILLON, Serving America in GREECE, Radio Shack DX 400
- Richard D'ANGELO, Wyomissing, PA
- Richard ECKMAN, San Jose, CA: Panasonic FR 2900, Sony ICF 2010
- Marlin FIELD, Hillsdale, MI
- Harry HELMS, San Diego, CA: Icom R 71A, Icom IC 735
- Rufus Jordan, Pittsburgh, PA
- Tom LASKOWSKI, South Bend, IN
- Harold LEVISON, Philadelphia, PA: Icom R 70A
- Sheryl PASZKIEWICZ, Manitowoc, WI: JRC NRD 515
- John PRATH, Ft. Lauderdale, FL: Icom R 71A, JRC NRD 525
- Ed RUBIN, Port Chester, NY
- Daniel SAMPSON, Independence, WI: Yaesu FRG 7700, Kenwood R 1000
- Roland SCHULZE, Stuttgart, West Germany: Kenwood R 5000, Drake SPR 4
- Harold Sellers, Canadian DX Camp, Longford Mills, Ontario:
JRC NRD 515 with 800' and 500' wires
- Dan SHEEDY, Encinitas, CA: Icom R 70
- Ron TROTTO, St. Cloud, FL
- John TUCHSCHERER, Neenah, WI: Icom R70, Yaesu FRG 7700
- Terry WEINHOLD, Lancaster, PA
- Dr. Richard WOOD, Hilo, HI: Kenwood R-1000, Drake SPR 4
- and me, John M. Kapinos, Shrewsbury, MA: still waiting for my CHU International DX Club pennant.

A very nice turnout indeed this month. Thanks to all who participated.

We had the pleasure of seeing former NASWA CDE John Henault today. His recuperation is coming along reasonably well and he was in good spirits, possibly because he had just passed his Technician Ham test. John asked me to say hello to all of his NASWA friends and that he will catch up on his mail as time permits.

The deadline for the December issue is November 12. Figure at least 3 days to get you mail to me. If you find that you're running late, you are of course free to contribute directly to the Editor(s) involved. Want Ads should be sent directly to Bill Oliver at NASWA HQ, who uses them on a space available basis.

Have a nice Thanksgiving, well see you next month.



LOG REPORT

section A

2000 to 4899 kHz

Editor: Mike Harris, P.O. Box 294, Pickerington, OH 43147

- 2360 GUATEMALA. R. Maya de Barillas. 1026. TGBA ID, talk. (3/9 Trotto)
- 2420 BRASIL. R. Sao Carlos. 2316. PT. Music. (1/10 Sellers-ONT)
- 2485 AUSTRALIA. VL8K. 0924-0930. EE. Olympic Boxing pgm, all // 's
2310; 2325 in with good copy. (25/9 Archer-NC)
- 2490 BRASIL. R. Oito de Setembro. 2319. PT. Music. (1/10 Sellers-ONT)
- 2999 INDONESIA. RKPDT1 Jawa Timur. 1203-1250. Jararta news relay, no
copy on possible ID at 1213. Good lvl. (1/10 Allen-OK)
- 3204 INDONESIA. RRI Bandung. 1202-1232. Jakarta relay, local ID and ad's,
into Indo pops. (25/9 Allen-OK)
- 3205 PAPUA NEW GUINEA. R. West Sepik. 1045-1104. PD. Vocal groups and
PNG annmts. (10/9 Archer-NC); @ 1116-1150 w/ island and CW music,
TC and annmts. (25/9 Paszkiewicz-WI)
- 3222 TOGO. R. Kara. 2241. Hilife music, OM w/nx in FF. (1/10 Sellers)
- 3231 INDONESIA. RRI Bukittinggi. 1329-1402. Local lagu lagu pop, generic
RRI ID @ 1400 //4910.6. (12/9 Sheedy-CA)
- 3249 INDONESIA. RRI Banjarmasin. 1305-1332. Nx relay, ID. (7/9 Sheedy-CA)
- 3260 PAPUA NEW GUINEA. R. Madang. 1103-1135. Talk, PSA's, TC and some
pop music. (9/9 Paszkiewicz-WI)
- 3280 ECUADOR. LV del Napo. 1012. Flute mx, meg's. (1/10 Sellers-ONT)
- 3285 BELIZE. RB. 0512-0530. Clean ID and TC. (13/9 Sheedy-CA); @ 0132 w/
nx in SS, sports in EE. (7/9 Archer-NC)
- 3305 PAPUA NEW GUINEA. R. Western. 1039-1109. News about upcoming events
in the Daru region. (7/9 Archer-NC)
- 3310 BOLIVIA. R. San Miguel. 0927-1006. Campo mx, peaked around 0950 and
gone by 1008. (27/9 Archer-NC)
- 3325 SOLOMAN ISLANDS. RNS. 1201. OM with music. (25/9 Eckman-CA)
- 3326 NIGERIA. FRCN Lagos. 2255-2308. EE. Afro vocals, drums, ID w/ news
and more ID and music. // 4990. (9/9 D'Angelo-PA)
- 3339 PERU. R. Altura. 1004-1034. ID over music. (9/9 Archer-NC); @ 1012-
1029 fade with nx bulletins, TC and ID. (21/9 Tuchacherer-WI)
- 3345 MOLUCCAS. RRI Ternate. 1116-1200. Talk, ment. of Koran, Muhammed;
Allah, SCI, Jakarta relay. (29/9 Paszkiewicz-WI)
- 3354 ANGOLA. RN Luanda. 2242-2257. PT. Talk by various OM's, ID with mx
bridge, // 4953. (9/9 D'Angelo-PA)
- 3360 GUATEMALA. LV de Nahuala. 0200-0230. Marimba mx, ID. (29/9 Jordan)
- 3365 PAPUA NEW GUINEA. R. Milne Bay. EZL mx, talk. (10/9 Trotto-FL)
- 3366 GHANA. GBC. 0528. Talk and religious pgm. (22/9 Helms-CA)
- 3375 PAPUA NEW GUINEA. R. West. Highlands. 1130-1205. PD. Talk about PNG
w/ ID, CW music, TC. (1/10 Paszkiewicz-WI)
- 3376 ANGOLA. RN Luanda. 0430. Pops, talk, ID. (26/9 Wood-HI)
- 3385 PAPUA NEW GUINEA. R. East New Britain. 1038. Mx, OM anncr, some
island mx, religious message. (1/10 Sellers-ONT); @ 1048-1150 w/ talk
by OM with news and ID. (20/9 Lasowski-IN)
- 3395 INDONESIA. RRI Tanjung Karang. 1246-1309. Local ID by YL after a
talk pgm at 1252. Music. (4/10 Allen-OK)
- 3915 SINGAPORE. BBC Relay. 2251. EE with sports reports. (1/10 Sellers)
- 3927 TRANSKEI. Capitol Radio. EE pop music. (30/9 Sellers-ONT)
- 3930 SOUTH KOREA. KBS Home Sve. 1239. Alternating OM/YL anncr with talk
and music. (4/10 Helms-CA)
- 3955 SOUTH AFRICA. R. Orion. 0216. Music, ID. (12/9 Cichorek-NJ)
- 3970 CAMEROON. R. Buae. 1805-1817. EE news via Yaounde //5010, at 1817 in
FF with ID and local pgm. (10/9 Schulze-FRG)

3986 INDONESIA. RRI Manokwari. 1058-1131. Local ID and news. new IS played at 1059. (27/9 Archer-NC)

4002 INDONESIA. RRI Padang. 2259. "Song of the Coconut Islands" and OM speaking from 2300. (1/10 Sellers-ONT)

4238 PERU. R. Inca. 0922. SS. Folk tunes, OM anncr, TC. (1/10 Sellers-ONT)

4299 PERU. R. Moderna. 1031-1055. Huanos mx, talk. (8/9 Archer-NC)

4607 INDONESIA. RRI Serui. 1117-1151. Talk, at great levels up to one hour after sunrise. (8/9 Archer-NC)

4725 BURMA. BBS. 1350-1443. YL vocalist, talk. (16/9 Archer-NC)

4740 USSR. R. Kabul Relay. 1745-1815. Indian style music, YL DJ, no news on the hour. (15/9 Dillon-GREECE)

4753 INDONESIA. RRI Ujung Pandang. 1044-1117. Vocals and talk to 1059 then ID, news. (9/9 D'Angelo-PA)

4760 LIBERIA. ELWA. 2224-2232. EE. End of rel.pgm. ID. (7/9 D'Angelo-PA)

SWAZILAND. TWR. 0325-0330. Folk and rel. music. (3/9 Schulze-FRG)

4780 PAKISTAN. PBC. 1532-1559. ID, music, S/off. (25/9 Schulze-FRG)

4795 BOLIVIA. R. Nueva America. 0330. SS ID followed by EE ID at 0405, then lots of music. (4/9 Laskowski-IN)

ECUADOR. LV de los Caras. 0225-0232. EZL music, ID. (1/10 Alexander)

4815 BURKINA FASO. RTVB. 2106. Music. (30/9 Sellers-ONT)

4820 ECUADOR. K. Paz y Bien. 0853-0910. EZL and choir vocals to ID, then into NA and more talk. (3/9 D'Angelo-PA)

4822 PERU. R. Atahualpa. 0918-1005. OA anthem, ID and S'on anmts by OM, into OA vocals, TC's. (21/9 D'Angelo-PA); @ 1032 w/music(28/9 Daly-NY); @ 7 others!!!!

4825 BRASIL. R. Cancao Nova. 2313-2352. PT. Solo male/female vocals, formal ID and anmts at 2335. (3/9 D'Angelo-PA)

PERU. LV de la Selva. 1015. Morning pgm. (27/9 Sheedy-CA); @ 1031-1102 with campesino music, ID. (14/9 Allen-OK)

4826 PERU. R. Sicuani. 1025-1046. Canned ID and flute mx. (13/9 Archer)

4830 THAILAND. KT. 1600. Thai. ID, S/off w/choral NA. (25/9 Wood-HI)

4832 COSTA RICA. R. Reloj. 0556. SS. ID and YL talk. (10/9 Cichorek-NJ)

4835 GUATEMALA. R. Tezulutlan. 1100-1125. S/on anmts. (20/9 D'Angelo)

MALI. RTVM. 0558. FF. IS, NA, YL with news, freq's, pgm line-up until 0619. //4783. (1/10 Sellers-ONT)

4840 CHINA. Heilongjiang PBS. 1054-1202. CH. Talk. (11/9 Archer-NC)

ZAIRE. R. Bakavu. 1741-1944. FF. Afro folk mx, ID, THIS ONE ACTIVE AGAIN!!! (6,7,8/9 Schulze-FRG)

4845 BRASIL. RN Manaus. 0240-0303. Ballada/pops. (17/9 Alexander-PA)

GUATEMALA. R. Kekchi. 0957-1007. S/on anmts, vocals. (13/9 D'Angelo); @ 0427 w/ native mx. (21/9 Schulze-FRG)

INDONESIA. RRI Ambon. 1044-1112. Local ID, pops. (1/10 Archer-NC); @ 0956 w/pop vocal mx. (14/9 Allen-OK)

MALAYSIA. RM. 2155. Hindi. Nx, Mx, ID. (12/9 Schulze-FRG)

4850 VENEZUELA. R. Capital. 0502. ID, rock mx. (10/9 Cichorek-NJ)

4853 YEMEN ARAB REPUBLIC. R. San'a. 0310-0330. AA. Koran recitations, flute music, ID. (4/9 Schulze-FRG)

4855 MOCAMBIQUE. RM. 1820-1840. EE. ID, News. (7/9 Schulze-FRG)

4865 COLOMBIA. LV del Cinaruco. 0035. ID, mx. (11/9 Prath-FL)

4874 INDONESIA. RRI Sorong. 1057-1203. Local ID, phone in's, Jakarta news relay. (2/10 Archer-NC)

4875 BRASIL. RN Boa Vista. 0922-0958. Local mx, ID. (8/9 Archer-NC)

BOLIVIA. La Cruz del Sur. 0925-1030. Muddy ID. (10/9 Archer-NC)

4880 PAKISTAN. PBC. 0043-0125. Local mx, news relay via RP. (27/9 Schulze)

SOUTH AFRICA. R. Five. 0500. EE ID. (6/10 Wood-HI); @ 0308 with ID and ad's. (9/9 Alexander-PA)

4885 BRASIL. R. Clube do Para. 0330-0421. Pops, sports. (14/9 Jordan)

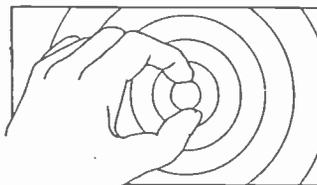
COLOMBIA. Ondas del Meta. 0957-1008. Group vocals, ID, mention of "Super Network", more music. (18/9 D'Angelo-PA)

4895 COLOMBIA. LV del Rio Arauca. 0215-0225. LA music. (5/10 Brouillette-Quebec)

4895 VIETNAM. Hanoi. 2205-2217. VT. ID, news by OM, local music. (24/9 Schulze-FRG)

4896 MONGOLIA. Khubuugi Prov. 2101-2139. MG. News, ID, bell ring's, morning gymnastics w/piano music. (7/9 Schulze-FRG)

4934 KENYA. VOK. 0308. EE with YL reading news. (1/10 Sellers-ONT)



LOG REPORT

section B

4900 to 6199 kHz

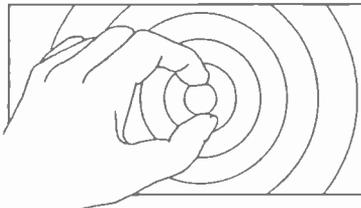
Editor: Sheryl Paszkiewicz, 1015 Green St., Manitowoc, WI 54220-6231

- 4902t SRI LANKA, SLBC, 9/25, 1952-2135. No annmt, monotone songs, full moon night! (Schulze-FRG)
- 4902.2 JAVA, RRI Jakarta, 10/2, 1244. NF w/nice sig, piano, ID w/site 1245, ads, //4774.8, 3277, maybe harmonic 2x2451? (Allen-OK)
- 4904.6 CHAD, RNT, 9/10, 2245-2301*. Afr. mx, s/off w/kids' chorus & NA. (Alexander-PA)
- 4910.3 HONDURAS, LV de Mosquitia tent., 10/1, 0125. Rel. pgm in poss. Miskito. Good sig, other YVs & HRVC only fair. (Archer-NC)
- 4910.4 PERU, R. Tawantinsuyo, 10/2, 1030. 2 IDs by M, vocals, fair sig, much QRN, poss. //6173.8 too weak to confirm. (Allen-OK)
- 4915 BRAZIL, RN Macapa, 9/10, 0254. Pop vocals, ID 0300, into nx. (D'Angelo-PA) 10/1, 0143-0215, full canned ID 0200 w/FC, at 0152 read list of names, poss. promo w/reverb. Macapa pronounced with accent over last A. (Archer-NC)
- 4920 ECUADOR, R. Quito, 9/23, 1041-1115. Great sig w/nx alternating w/ instls, ads for banks & super mercado, into micro noticias (Allen)
- 4930 TURKMEN SSR, Ashkhabad, 9/7, 0030 in lang w/2 IS, OM tlk, EZL mx, poor sig, //strong 7205. (Daly-NY) 9/18, 0050-0130 in RS w/clx mx, tlk, Mayak IS 0059, 0129, audible but weak 0300 recheck. (Alexander-PA)
- 4934 KENYA, V. of Kenya, 10/1, 0234-0300 in EG w/slow pops, ID; muddy & poor audio (Archer-NC)
- 4935 PERU, R. Tropical, 9/18, 0330-0402* w/campo/OA pops, ID, s/off w/NA. (Alexander-PA)
- 4940 ASIATIC RSFSR, Yakutsk, 10/7, 1320-1400 in RS w/tlk, nifty mod pops, soap opera?, pips on hr, nx, //4825. Signal "fried." (Sheedy-CA)
- 4940 COFE D'IVOIRE, Abidjan, 9/24, 2346-0002* in FR w/Afr. mx, nx and anthem. Strong sig. (Tuchscherer-WI)
- 4945 UNITD, 9/18, 1035-1049 f/o. Caracol off. YL anncr but very very weak. Rustic vocals & QRN. SIO=151. (D'Angelo-PA)
- 4976.1 BRAZIL, R. Timbira, 9/25, 0811* Pops, annmnts, ID. (Alexander)
- 4980 VENEZUELA, Ecos del Torbes, 9/18, 0030. Vocals & instls, nx by M. (Bauernhuber-NY)
- 4990 PERU, R. Ancash, 9/3, 0215-0302 w/ID, "R. Ancash, La Voz Internacional," tlk & slow mx. (Schulze-FRG) 10/1, 0510-0532* w/ID, tlk, Happy B'day song, OA mx, s/off w/NA. (Alexander-PA)
- 4996 UNITD, time station, 9/2, 0225-0250 w/time pips, //9996, 14996. RWM Moscow listed. (Daly-NY)
- 5010 CAMEROON, Garoua, 9/9, 2212-2225, Yaounde nx feed, TC, ID 2216, 1cl instls, tlk by OM, SIO=353. (D'Angelo-PA)
- 5020 NIGER, OMTN La Voix du Sahel, 10/1, 0527. Tremendous lvl. 0530 orch & kids' choir, ID, FC, Koran. Exc. sig. (Sellers-ON)
- 5020 SOLOMONS, SIBC, 9/8, 1001, Relay RA nx, sports. ID, kl business rpt, ads. (D'Angelo-PA) 10/1, 1003 w/RA nx, poor. (Sellers-ON)
- 5020 SRI LANKA, SLBC Ekala, 9/22, 2338-0000 in Tamil w/monotone songs, ID, short annmnts, moderate sig. (Schulze-FRG)
- 5025.3 BRAZIL, R. Jornal Transamazonica, 9/25, 0822 in PT w/pops, annmnts, ID. (Alexander-PA)
- 5030 COSTA RICA, R. Impacto, 10/1, 2327 w/EZL songs, ID, fair. (Sellers)
- 5030 PERU, R. Los Andes, 9/18, 1005. ID, tlk & instls, OA vocals w/TCs. (D'Angelo-PA) 9/18, 0930 w/pops, ads, echo. Wish they would turn off crazy echo so we could understand them! (Alexander-PA)
- 5034.2 CENT. AFR. REP. Rdf. Centafr. 9/30, 2234 w/clx mx pgm hosted by M, Het from Brazil 5035. Also 10/1, 0430 w/NA, Western pops, ID by W. (Sellers-ON)
- 5035 BRAZIL, R. Aparecida, 9/4, 2345, opera, ID & FC, ment. Sao Paulo, more mx. No Impacto QRM till later. (Laskowski-IN)
- 5035 KAZAKH SSR, Alma Ata, 10/2, 1620 in Kazakh, tlk abt industry (Wood)
- 5039.9 VENEZUELA, R. Maturin, 9/21, 0920. Folk vcsl, ID, "Venezuela, en R. Maturin, con la musica de la patria." Upano not on yet. (Allen-OK)
- 5046 JAVA, RRI Yogyakarta, 10/2, 1141. Tlk, 1157 theme mx, ID, SCI, g. (Atkins-AL) 9/3, 1730. ID, oldies w/EG text, ID by M (Schulze)
- 5055 COSTA RICA, TIFC, 9/30, 0310, Focus on the Family. ID, "A Voice Crying in the Wilderness, TIFC, Lighthouse of the Caribbean." (Field-MI)

- 5055 COSTA RICA, TIFC, 10/1, 0325 in EG w/"Voice of Salvation"
Sermon #1352. Very good. (Sellers-ON)
- 5055 FRENCH GUIANA, RFO Cayenne, 9/17, 0330. Tlk by M&W in FR/
musical program. (Field-MI)
- 5057 ALBANIA, RTV Shqiptar, 10/1, 0440. Albanian folk mx, some tlk
by W. Fair. (Sellers-ON)
- 5062.5 ECUADOR, RN Progreso, 10/1, 0140-0202* w/LA mx, tlk, s/off w/NA.
(Alexander-PA) 9/30, 0245. Unid. since no ID hrd. Ads, HC
NA at s/off, not hrd since. (Field-MI) Probably Progreso-sp. (5065)
- 5066 ZAIRE, R. CANDIP, 10/1, 0329. In FR, best ever, some CW QRM.
Afr. mx to 0336 ID, greetings, back to mx, //3390 was p-f. By
0350 lvl down to poor. (Sellers-ON) 9/13, 0328. IS like a wooden
xylophone, tlk, ID 0329 clearly hrd. Very weak. (Laskowski-IN)
- 5075 CHINA, CPBS-2, 9/10, 2145. Clx mx, YL tlk, time pips, ID, into
more mx. //8007, 7770, 6890, 6920. (Daly-NY)
- 5240 CHINA, V. of the Strait presumed. 9/24, 1118-1200 f/o. Long tlk
to 1130, poss. ID, mx features hosted by W. (D'Angelo-PA)
- 5287 CHAD, R. Moundou, 10/1, 0452. IS, YL anncmt, NA by kids to
0501 s/on. Poor to good, improving. (Sellers-ON)
- 5500.8 IRIAN JAYA, RRI Biak tent., 9/29, 1050-1131 f/o. IN, pop mx, OM
anncr, nx 1100. 1116 Islamic vcls, 1129 orch. tune, YL tlk. QRM
prevented positive ID but good sig at 1050. (Daly-NY) Gd detail-sp.
- 5501 IRIAN JAYA, RRI Biak, 9/24, 1123-1215, best ever sig. RRI ID 1130,
lcl ID 1144. Subcont. mx, Indo-ized Western pops, IS 1155, NOT SCI.
Jak nx relay 1200, sig dropped. (Archer-NC)
- 5567 COLOMBIA, R. Nueva Vida, 9/10, 0054. Long tlk, 0058 choir, TC 0101
ID, anncmts, tlk by various OM. SIO=252 (D'Angelo) 9/20, 1023,
Kel. pgms, portion Beethoven's 5th, "amiga, R. Nueva Vida. .la
palabra de Dios. .Cucuta, Colombia." Promo/orch mx. (Allen-OK)
- 5825t PERU, R. Comercial Cosmos tent. 9/12, 0230-0314, mx, SP tlk.
Poss. s/off 0314. (Field-MI)
- 5889 CLANDESTINE, 9/10, 0225. R. Liberation w/OM tlk, ment. Sandinistas,
ID 0231, SIO=323. (Cichorek-NJ) 9/25, 0230. Poor in QRN & RTTY
QRM w/tlk by M&W, ID. (Alexander-PA)
- 5894 SUMATRA, RRI Pekanbaru, 9/11, 1108-1129 w/AR sounding mx, 1130
ID, OM/YL tlk to 1135, good. (Atkins-AL)
- 5930 CZECHOSLOVAKIA, R. Prague, 10/2, 0325. Mx, "Made in Czechoslo-
vakia" pgm. (Cooper-CT)
- 5935 LATVIA, R. Riga, 10/1, 2117. Piano & clx concert mx. 2130 tuning
sig, ID by YL, 2145 EG rock mx/pops. Fair. (Sellers-ON) Nice!-sp
- 5953.8 COSTA RICA, R. Casino, 9/23, 1135. Reactivated w/mariachi mx,
rapid ID by M 1140. Ads. Poor w/slop QRM. (Allen-OK)
- 5955 GUATEMALA, R. Cultural, 9/3, 0727. Full ID 0729, 0730. Not hrd in
long time. Last hrd, was my 1st as SWL 12/73. (Trotto-FL)
- 5964.5 ECUADOR, LV del Upano, 9/27, 1122. Historical info, 2001 theme,
instls, snazzy El Condor Pasa, TC, ID, FC, //5040. (Sheedy-CA)
- 5980 YUGOSLAVIA, RY, 9/30. 2214. EG rpt. on S. Africa, ID 2216, into
Olympic rpt. Fair. (Sellers-ON)
- 5981.7 GUATEMALA, Union Radio, 9/18, 1218*-1230 w/marimba mx, anncmts,
rel. mx 1220. //weak 3rd harmonic 17945. (Alexander-PA)
- 5985 BURMA, BBS, 9/25, 1431-1450* in EG. Full ID, FC, "Mx from the
Movies." "This is Rangoon; in a few moments the news," "9:15 p.m.
Burma Std. Time," SEAs nx. (Sheedy-CA) Wow!--sp.
- 5985 JAPAN, RJ/NHK, 9/25, 1430* W in JP w/closing theme, ID, Koto
bridge and off, leaving BBS in the clear. (Sheedy-CA)
- 5985 USA, VOFC via WYFR, 9/9, 0201. EG commentaries. (Levison-PA)
9/20, 0215. "Journey into Chinese Culture." (Bauernhuber-NY)
- 5990 FRANCE, RFI, 9/26, 0530. FR "Le tour du monde," many //s.
Is this relay? (Wood-HI) RDI lists Allouis--sp.
- 5995 MALI, RTV Malienne, 9/7, 2236. Long tlk, 2247 instl, more tlk
('boring!') //4835. 4783 barely audible; ID & nx 2300. (D'Angelo)
- 6000 CUBA, R. Moscow relay. EG news and Outlook. (Schulze-FRG) Oops--
10/2 at 0105--sp.
- 6006 COSTA RICA, R. Reloj, 10/2, 0957. Pop LAM mx, TC, IDs. Good.
(Sellers-ON)
- 6010 BRAZIL, R. Inconfidencia, 9/11, 0320. Tlk, short mx, ID.
(Schulze-FRG) 9/10, 0859. ID 0900, long tlks w/occ. pop Braz.
mx, ads, SIO=242. (D'Angelo-PA)
- 6010 PHILIPPINES, R. Veritas, 10/1, 1128. Instlts, 1130 trumpets, then
YL in Oriental lang (WRTH lists KK). Tlk & mx, poor. (Sellers-ON)
- 6010.7 PERU, R. America, 10/1, 0945. ID; careful if looking for Los Andes.
(Archer-NC)

- 6010.7 VENEZUELA, R. Los Andes tent., 9/26, 1040-1112. Tnx tip in FT 484. Hvy QRM de R. America. "Mil Cuarenta" reference by YL. Pops & poss. ads or PSAs. (Archer-NC)
- 6012 ANTARCTICA, AFAN, 9/18, 0915-1115 tent. Barely audible w/pop & Jazz, vy little tlk. (Alexander) 9/24, 1051-1109. Recognized a couple songs. Continuous pops, no hint of anncr. (Archer-NC) 9/14, 1119-1139 tent. M DJ in EG but little copy. Pop mx, weak & fluttery. (Allen-OK) Just a carrier noted here once--sp.
- 6015nf AUSTRIA, ORF in GG, 9/11, 0338. DX Panorama w/Wolf Haranth. New freq. (Schulze-FRG)
- 6015 BOLIVIA, R. El Mundo. Cuban vcls, 0030 ID & jingle, promo. Usual slick operation. 10/9. (Sheedy-CA)
- 6024.8 MALAYSIA, RTM, 10/12, 1453. CH mx; EG/CH ID, 50s dance mx. (Sheedy)
- 6025 DOMINICAN REP., R. Amanacer, 9/2, 0002. Choir, ID, FC. Rel. pgm. (D'Angelo) 10/11, 0025+ w/lite mx, ID/TC 0028, rel. mx. (Sheedy)
- 6030 CANADA, CFVP, 10/1, 0834. Pops, ads, promo for Top 40. (Sellers)
- 6035 COLOMBIA, LV del Guaviare, 9/24, 1016. Tnx Moore tip in FT 484. Campo mx, TC/IDs, M anncr. (Archer) 9/16, 1025, special pgm w/ID. (Field-MI) 9/1, 2335. Pops in SP, tlk, ID 2345. Fair under AFRTS. SIO=333. (Trotto-FL)
- 6040 BRAZIL, RC Paranaense, 10/12, 0005. Yak on Curitiba, Parana St., PSAs, "musica popular da Curitiba," promo/TC, slow ID 0017. (Sheedy)
- 6040 ENGLAND, VOA-Woofferton, 9/27, 0605. World mx in EG. //6080 Greenville & 6035 Monrovia. Neat 2 hr Euro VOA sites late. (Sheedy)
- 6060 ARGENTINA, RN, 9/9, 1002. Little late to hr them. 2+1 pip on half hr, 5+1 on hr. Australia fades in abt 1015. (Archer-NC)
- 6065 SWEDEN, R. Sweden, 9/16, 0515. Swedish labor nx, //15390. (Wood-HI)
- 6070 CANADA, CFRX, 9/25, 0540. Ballads from 40s/50s. ID/nx. (Jordan-PA)
- 6070 THAILAND, R. Thailand HS, pres., 10/8, 1355-1414+ Thai mx, many gongs/percussion, def. Thai tlk 1345, poss. nx 1400, //4830, 7115. (Sheedy-CA)
- 6075 HONDURAS, LV del Junco, 9/1, 1408, SP ballads, ID 1411 by OM. (Trotto-FL)
- 6080 ENGLAND, VOA-Woofferton, 9/27, 0550-0600* in Hungarian. From UK till 0600, then from Greenville. (Sheedy-CA)
- 6090 LUXEMBOURG, RTL, 9/16, 0510 in GG w/morning show, nx, wx in Lux. & Germany, said next nx at 12 Uhr. Good. (Wood-HI)
- 6092 CUBA, RHC, 9/15, 0210. Off freq. SP xmsn to Americas. (Jordan-PA)
- 6095 POLAND, R. Polonia, 9/14, 0359 in Polish w/IS, ID, nx. (Eckman-CA)
- 6100 NICARAGUA, V of Nic., 9/10, 0356 in SP. Poor u/DW. (Cichorek-NJ) 9/28, 1158 in SP w/TC, "noticieros revoluciones," good. (Sheedy)
- 6105.5 BOLIVIA, R. Panamericana, 10/12, 0040. Big band pgm, promo/ID. (Sheedy-CA)
- 6109.1 UNID, 1349-1401. An Asian here w/orch & subcont. mx, W tlk in unid. lang. Vy weak. Never hrd before 1300. (Allen-OK)
- 6110 ECUADOR, HCJB, 9/27, 1020. Rel. pgm, sked, time sig, ID. (Sheedy)
- 6115 PERU, R. Union, 10/2, 0930. Huaynos & "atencion" annmnts, ID 0954. "R. Union. .y todo Peru. .R. Union." Ads. QRM de 6120. (Archer)
- 6115.8 COLOMBIA, LV del Llano, 9/24, 1050. Nx by OM, ID, tlk. (Prath-FL)
- 6135 POLAND, R. Polonia, 9/3, 2245 in EG w/tlk abt archaeology, //7270. (Prath-FL)
- 6140 COSTA RICA, R. Impacto, 9/27, 0610. //5030 mixing w/RCI. (Sheedy) 1130, back here from 6150. (Allen-OK)
- 6150.2 COLOMBIA, logging last month is Caracol Neiva, not Bogota. (Allen-OK) Thanks--sp. 9/5, 0914. Bank ad, Caracol ID, nx. (D'Angelo-PA)
- 6150 VATICAN, Vatican Radio, 10/10, 0055-0110* in EG. Impacto QRM till 0100. (Sheedy-CA)
- 6155 AUSTRIA, ORF, 9/25, 0430 in EG w/IS, nx. QRM BBC Ascension. (Wood)
- 6160 COLOMBIA, Emis. Nueva Granada, 9/2, 0013. Nx, ID, ads. (Trotto-FL)
- 6160 CANADA, CKZU, 10/5, 0704 w/wx for region. (Wood-HI)
- 6160 NEWFOUNDLAND, CKZN, 9/27, 2254. Nx, wx. USB best. (Daly-NY)
- 6184.4 ECUADOR, my tent. R. Batallon Colorados is spur from HCJB! Spent 1½ hrs on this 10/13. In Quechua. (Allen-OK)
- 6191.7 PERU, R. Cusco, 9/14, 1006. NA, annmnt, flutes, ID 1018. (Allen)
- 6195 NORTH KOREA, R. Pyongyang, 10/1, 0810-0849* in KK w/clx mx, martial mx, ID 0831, NA. //6180. Vy good. (Sheedy-CA)

Thanks everyone! You kept me busy! Good DX & 73s. *Sheryf*



LOG REPORT

section C

6200 to 11699 kHz

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

- 6015 AUSTRIA ORT 0437 EG 'Report from Austria' //6155, 15410; g. (Wood-HI 10/14)
- 6060 ARGENTINA LRA 0600 SP freq., 'Noticias 8-70; g. QRM Havana. (Wood-HI 10/3)
- 6070 SWAZILAND TWR Manzini *0355 EG/GM Id,IS, 0400 into German transcription from Evangeliumsrundfunk in Wetzlar/Lahn, W.Germany; g. (Wood-HI 10/5)
- 6100 USA WHRI, Noblesville, IN +0558 IS EG ID, 0600 s/on; g. QRM YVTO (wood-HI 10/3)
- 6135 SWITZERLAND SRI RED CROSS *0312-0327* EG Review of IRC's activities; // 12035,9885,9725 vg-g. (Jordan-PA 9/27)
- 6165 SWITZERLAND SRI +0555 IS, 0600 FR to Europe; // 9535 f. QRM RN Bonaire (Wood-HI 10/5)
- 6214.4 CLAND R. Liberacion 1125-1230 SPTk by om/yl, mx breaks, ID's, LA mx; //5929.4 / 2250-2308* (Alexander-PA 9/18, 10/1)
- 6215 INT'L WATERS R. Caroline 0405 EG/GM Wld Mission R. rel. mx, ID w/CA address; SIO-434)Cichorek-NJ 9/11)
- 6249.5 EQUATORIAL GUINEA R. Nac., Malabo 2109 SP/FR tks, ID, tks, mx, //5004 f. (Sellers 9/30, 10/1) / 2132-2203* tks, mx, ID, NA; SIO-333 (D'Angelo-PA 9/18)
- 6305 CLAND La V del CID 0454 SP yl ancr, om/ID, tk nx. SIO-444 (Trotto-FL 9/25)
- 6340 TURKEY Turkish Police R. 1450-1457 Turk. ID, tk by yl. ID, nx, s/off, time, ID. (Schulze-FRG 9/24)
- 6576 KOREA, DPR RP 1740-1749 KN om w/cmtry, ID by yl, NA; (Dillon-GR)/ 1102 EG sked, nx, vocal mx, s/off, NA 1149+ //11735 SIO-444 (Sumpson-WI 9/5)
- 6626 CLAND R. Venceremos 0005 SP mx, om/yl w/ID, slogans, ancmts. At 0006 switched to 8635 then to 8645 at 0008. f-p. (Sellers 10/1)
- 6640 UNID 0144 SP mx per Col. or Venez. Ad for Cocoa Cola, gone at 0148. Not heard since. (Field-MI 9/10)
- 6726 PERU R. Satellite 2334 SP pop mx, huaynos, om ancr. p. (Sellers 10/1)
- 7105 MONACOL TWR +0620-0630* EG IS ancmts, freq. as 7.1, QRM/BBC EG rel. pgm. (Alexander-PA 10/2)
- 7110 MALI RTVM 0713-0725 FR om/yl tkw/ment of Bamako, pub. affairs pgm. // 7284.5, 11860; (Sheedy-CA 9/25)
- 7110 ETHIOPIA VOE 1615 AM mx requests; f. (Wood-HI 10/2)
- 7115 THAILAND R. THAILAND HS pres. 1355-1414* THAI lcl mx (sounds Khmer // 'relaxed' Chinese style), M in def Thai & gongs. QRM Moscow. // 4830, 6070; f. (Sheedy-CA 10/7)
- 7125 GUINEA RTG 0605 AR Islamic prayers, blessing; g. (Wood-HI 10/1)
- 7125 POLAND RP 2240 EG nx, 'Postbag' letters. (Prath-FL 9/5)
- 7125.1 ITALY AWR-Forli 0630-0700* EG wk, p. copy w/QRM Guinea. EG rel. pgm. ID & Forli addr at s/off; (Alexander-PA 9/10)
- 7170 NEW CALEDONIA RFO Noumea 0759 FR pop mx, ID by om, news bulletin 'Information' f. (Sellers 10/1) /0700 accord. to WRTH 7170 & 11710 was discontinued, only 3355 remaining. 7170 active. (Wood-HI)
- 7190 YEMEN, PDR Aden 0300 NA by chorus hrd under jammer for RFE/RL, p. 2020 AR mx; p. under jammer; (Sellers)
- 7200 KOREA, DPR RP +0700 CH IS, ID hymns, mx // 9555 f. QRM USSR in RS (Wood-HI 10/5)
- 7205 AUSTRALIA RA 1605 EG 'International Report' g. (Wood-HI 9/25)
- 7225 INDONESIA RRI Jakarta 1800-1900 GM anx tx to Europe. 190900-1952 FR px w/EG ID 'TheVoice of Indonesia' Hawaii mx. 8/31 / adress, s/off, EG ID, 'Love Ambon', px in FR. // 11730, 15350; (Schulze-FRG 9/11)

7230 SO. AFRICA SAUK 0530 AK ID, nx; g. (Wood-HI 9/26)

7240 YUGOSLAVIA RY 2030 GM s/on w/ID by yl into nx; f. (Sellers 10/1)

7240 SINGAPORE BBC Kranji relay 1445 Lang. lcl mx, yl tk, (Rubin-NY)

7255 NIGERIA 2138 VoN FR tk by yl, ID, nx SIO-333 (Anywodi-VA 8/26)
2032 EG om w/nx about Nigeris, ID, TC, mx. p. QRM+ (Sellers 10/1)
0538 EG om w/nx, ID; yl w/cmtry; lcl mx. SIO-434. (Trotto-FL 9/26)

7265 USSR RM 1535 EG yl w/ID. strange 41 m cond. SIO-353 (Trotto-FL)

7265 GERMANY, FRG Sudwestfunk 0516 GM mx, QRM/VOA in FR. 333 (Trotto)

7270 POLAND RP 2300 EG nx by yl, mx (Cooper-CT 10/1) / 2250 EG yl w/ID into Polish pop mx 'Request Concert', tk, polka mx. SIO-454 (Trotto-FL 9/25) / 2306 nx, cmts. on the Party Club News - letters from SWLs. SIO-333 (Levison-PA 9/6)

7275 KOREA, REP. RK 0950 KR Olympic closing. het QRM. (Park-HI 10/2)

7295 ENGLAND RCI via Daventry *0600 EG/FR ID into FR nx// 6140 Sackville; g. (Wood-HI 9/12)

7295 MALAYSIA RM 1240 EG pgm in EG after Tamil(?) nx, Disco @1300, EG nx @1330; (Eckman-CA 9/25)

7320 USSR Minsk RM 1820-1835 RS nx headlines, IS, QRM de BBCWS; (Dillon)

7335 USSR RM 1642 RS folk mx, ID by yl. under CHU Can. 434 (Trotto)

7360 USSR R. Sta. Peace & Progress *2200-2230 EG newtime w/nx. Clas. violin mx, into GM @2230; //7340 (Alexander-PA 10/1)

7383.6 LAOS Lao Nat'l. R. Savannakhet 1133 Laotian mx, tk by om & yl mx 'till fade-out near 1200; p. (Sellers 10/2)

7390 USSR RM *0030-0100 RS R. Rodina s/off @0027; yl w/ancmts, ID, operatic sels, folk mx; (Jordan-PA 10/3)

7400 USSR R. Vilnius *2300 EG nx, ID, rpt on the Catholic Church in Lithuania. R. Rodina pgming; //9640, 13645, 15180, 15455; (Alexander)

7405 USA WHRI 0220 SP ID by om, tk, Rel. mx; new freq?/ 7400 hvy w/USSR; SIO-444. (Trotto-FL 9/25)

7405 CHINA RB 1535 EG interview w/keeper of city wall; g. (Wood-HI)

7412 INDIA AIR 2217 om w/tk on India. f. //11620, 8910. (Daly-NY 9/5)

7414 PIRATE R. Clandestine *0350-0411 EG ancmts, Ster-Trek theme, claimed live show, Hendrix, Bowie tunes; (D'Angelo-PA 9/5) / 0133-0155 rock mx, ID 'This is R.F Burns, w/ the Voice of R. Clandestine' ship anchored off coast of N. America (Daly-NY 9/4)

7415 PIRATE United World R. 0331-0400* EG 70's rock, bxing via R. Free Long Island, some Xmas greetings. (Paszkievicz-WI 9/18)

7445 CHINA, REP. Taiwan V of Asia 1103 EG nx, cmtry, ID, EZL mx; f. (Atkins-AL 10/8)

7550 KOREA, REP RK 1530 FR interviews/ FR speaking Seoul res. (Wood-HI)

7670 BULGARIA Pgm 1 Stolnik 0403 BUL om tk, ute QRM on high side; f. (Sellers 10/1) / 1530-1800 Horizont D.S. relay pgm 1 BUL pop mx 2 om tk. //11765 p. (Dillon-Gr 9/17) / Stolnik (pres) 0343 yl w/E. European Lang. pop mx, ute QRM, g. (Daly-NY 9/24)

9070 UNID 0325 mx pgm, yl tk @0325, then om @0330, lost @0340 (Field)

9242.3 ENGLAND, Barford AFRTS 0249-0303 EG tk abt LBJ. (Tuchscherer-WI)

9325 KOREA, DPR RP 1530 EG tk on 'Juche Idea', //9977 (Wood-HI 10/14)

9375 ALBANIA *0530 ID, nx; g. (Wood-HI 9/26)

9385 CHINA, REP Taiwan-1 1018 EG? om tk; g. //9455, 11100; (Daly-NY)

9435 ISRAEL VoI 0100 EG nx, cmtry on polio; g. Bauernhuber-NY 8/18) / KOL 0015 tk abt Jewish festival; f. //9855 (Sellers 10/1)

9445 TURKEY VOT *0359 EG IS s/on, sked to NE America; // 17760 to SE Asia nx, etc; g. (Wood-HI 9/25) / *2300 TRT nx (Weinhold-PA) / 0311 nx, cmtry, mx; SIO-444 (Levison-PA 8/21)

9470 ARMENIAN SSR R. Yerevan 2222 SP/RS freq, ancmt, mx, ID by yl in SP; SIO-343 (Cichorek-NJ 9/4) / *2200-2300 ARM/SP IS, ID by yl, nx by om, mx; f. (Jordan-PA 8/29)

9480 USSR RM 2315 PT polit tk by om/yl, ID; (Prath-FL 9/6) / 2300 SP Mayak pgm, ID, nx; (Prath 9/5)

9480 ALBANIA RT 0440 EG anti-Yugoslav tk; g. QRM/ RM. (Wood-HI 9/28)

9485.9 PERU R. Tacna 0320-0601* SP Campo/ OA mx, ID; (Alexander-PA 9/18)

9490 CHINA, PR PBS Xizang (t) 1147-1220 CH (need some help) CH unde Soviet, no 5+1 tp's, only 6tp's from RM. grayline cond. Lhasa-my QTH 2nd halj October; p. (Archer-NC 10/1)

9500 ALBANIA RT *0500 FR ID 'Ici Tirana' nx; g. (Wood-HI 9/2)

9515 IRAQ BSRI 0300 AR ID, chimes, TC; g. (Wood-HI 10/3)

9525 SAUDI ARABIA BSKSA *1555 IS, NA, mx; g. (Wood-HI 9/13)

9535 NETH. ANTILLES TWR Bonaire 0344 EG pgm for YL's, spec. best for Jamaica on 800 kHz; g. (Sellers 10/2)

9535 SWITZERLAND SRI 0455 FR? IS, multi-lingual ID, more IS, pips, wx, QRM TWR; (Park-HI 9/10)

9540 MADAGASCAR RNW 1850 EG promc for Olympics, 'Airtime Africa'
lcl QRM; (Park-HI 9/16)

9540 VENEZUELA R.Nac. 1114-1120 EG/SP tk abt Carabobo; (Paszkiewicz-WI)

9545 MONTSERRAT? DW 0340 GM Top 20-type show, mx; // 9735 QRM Chile
9550, TWR 9535; (Park-HI 9/18)

9560 FINLAND RF 0545 SD nx, typical FN accent; g. (Wood-HI 9/16)

9560 USSR RM yl ancr w/request mx; (Tuchscherer-WI 9/28)

9565 RWANDA DW 0407 EG wld nx, 'Newslne Cologne', new pgm, erratic
QSB; (Park-HI 9/25)

9570 ROMANIA RB EG cmtry, letters; SIO-343 (Levison-PA 8/8)

9575 SP. MOROCCO R.Med Int'l 2017 AR mx f. w/QRM; (Sellers 9/30)

9575 ITALY RIA 0110 EG yl/nx, QSB, ID, SIO-454 (Trotto-FL 9/25)

9580 AUSTRALIA RA Shep. 0930 EG basketball game, QRM; (Park-HI 9/19)

9590 HOLLAND R.NETH 0230 EG 'Happy Station' w/Tom Meyer;vg. (Bauern-
huber-NY 9/18)

9605 PAKISTAN RP 1350-1420 Veneculars/EG ID, T-pips; w. (Schulze-FRG)

9605 VATICAN CITY VR 0050 EG report on Pop's trip to Mozambique; vg.
(Bauernhuber-NY 9/18)

9615 SO. AFRICA RSA 0203 EG ID, nx, 'Africa Today'; (Cichorek-NJ 9/10
/ wld nx, cmtry, SA nx; SIO-444 (Levison-PA 8/16)/ QRM/RBI 9620;
SIO-444 (Trotto-FL 9/23)

9620 GERMANY,DDR RBI 0155 EG nx by om, ID, tk; QRM/RSA 9615; SIO-
333. (Trotto-FL 9/23)

9630 SPAIN SFR 0000 EG wld nx,DX pgm @0030, vocal mx; g (Bauernhuber

9635 SINGAPORE RS 1034 Malay, not CH as listed. Interview by om & yl
w/musician, mx; vg. (Sellers 10/2)

9635 FINLAND RF 0430 SWEDISH ID, wld nx; g. (Wood-HI 10/3)

9645 VATICAN CITY VR 0515 PD nx; g. (Wood-HI 9/28)

9645 BRAZIL R. Bandierantes, Sao Paulo 0859-0917 PT ads, 5 t-pips,
om w/ID, nx, ad strings, t-pips;SIO-252 // 6090. (D'Angelo-PA)

9650 NORWAY RNI 0445 NW interview on immigration; g.(Wood-HI 9/28)

9655 PERU R. Nor Peruana 1124-1148 SP mx; g. (Tuchscherer-WI 9/21)

9655 THAILAND RT 1130 EG ID,freq, mx; QRM/RCI; f. (Atkins-AL 10/8)

9660 AUSTRALIA ABC Brisbane 0809 EG Olympic report & cmtry, p-f.
//4920 (Sellers 10/1)

9662.3 ETHIOPIA VoE 1835-1858* EG nx by om & yl, ID, lcl mx; p. Alex
ander-PA 9/25)

9665 CLAND. (KOREA,DDR) VoDPR KR 0710 cmtry on Seoul's Olympics &
Cuban boycott; // 11684 g. (Wood-HI 10/6)

9665 GERMANY,DDR RBI 0530 EG polit talks; g. (Wood-HI 10/2)

9675 BELGIUM BRT 2206-2216 t/o EG om & yl w/nx, 'Belgium Today'
(Tuchscherer-WI 9/27)

9675 NETH. ANTILLES RNW 1051 EG 'Media Network' at East Coast SWL-Ham
Conference in Virginia Beach. QRM RM 9685, UNID 9680, USSR 9670;
(Park-HI 9/22)

9680 MEXICO XEQQ 0917-0950 (fade out) SP om tk, station promos, ads
tc's. ID, jingle; (D'Angelo-PA 9/12)

9680 INDONESIA RRI Jakarta 1503-1510 IN ID; (Schulze-FRG 8/20)

9685 ALGIERS R. Algiers 1950 EG nx, ID interval mx. following FR
pgm. S=5+. g.(Schulze-FRG

9695 BRAZIL R.Rio Mar 0920-0952 PT ID, freq, lcl mx, om ancr.
(D'Angelo-PA 9/3/)

9715 UZBEK,SSR R.Tashkent EG cmtry by yl, SIO-242; (Anywodi-VA 8/26)

9730 GERMANY,GDR RBI 0001 EG cmtry. SIO-444; (Levison-PA 8/3) / tk
abt Wld. Peace Day in GDR; (Prath-FL 9/3)

9735 PARAGUAY R. Nac 0015 SP pgm, ID, vocal mx by om & yl, tk, nx;
f. (Bauernhuber-NY 9/18) / 0902 NA, ID R.Nac; 'La Voz de la
Patria.' MW/SW/FM freqs given. g.(Sellers 10/1)

9740nf CANADA RCI *0555 EG IS, freq., ID, FR nx, EG nx. // 9760 both
new & g. (Wood-HI 9/26)

9751.7 SOCIETY IS. R. Tahiti 1230 FR EG & FR pop mx,tk 222 (Anywodi-VA

9755 VATICAN VR 0425 EG ? tkabt Catholics in USSR; g. (Wood-HI 10/4)

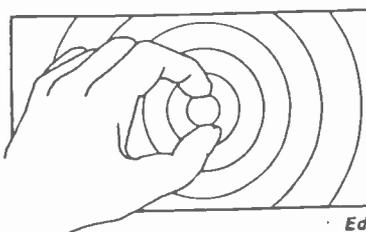
9760 JAPAN R.Tanpa (pres) 0601 JP yl tk, DX, pwr; (Eckman-CA 9/12)

9760 AUSTRALIA RA 1000 JP yl tk, ID's, om tk nx; SIO-444 (Trotto-FL

9765 MALTA Vo Mediterranean (ID change) *0800 EG s/on w/ID, sked,
pgm rev., address; //11925 1400-1500 w/QRM RSA; (Sheedy-CA 10/8)
/ US pop mx, ID's, 'Nice & Easy 45' (Alexander-PA 9/18) / 'Sugar
& Spice', yl w/ID,freq, & sked. SIO-454 (Trotto-FL 9/24) / pgms
from UN, Malta & Libya; (Malta more than a QSL maildrop to
Khaddafi...; vg. completely taped. (Archer-NC 9/9) / clas. mx
sels, ID, pgm rev. (Laskowski-IN 9/11)

9770 MALI R. Beijing rel. 0018 EG interview, tk on CH econ. (Sellers)
 9775 PAKISTAN RP 1800 EG reg. feed nx, //4780; g. (Wood-HI 10/4)
 9778 YEMEN ARAB REP. R. San'a 0330 AR mx, ID, tk; vg. (Sellers 10/2)
 9780 UAE Vo UAE Abu Dhabi 2030 AR sels of AR mx, tk by om, ID, into
 pgm. Not to be confused w/ San'a 9783; SIO-433. (Anywodi-VA 10/1)
 9785 GUAM KTWR 1234 JP ID, address, tk by om, voc. mx; 343 (Anywodi)
 9835 HUNGARY RB 1819 EG SW Club QRN; p. (Cooper-CT 10/4) / 0132 DX
 items, freqs, time. Info on joining club; SIO-434. (Levison-PA 9/7
 0031 wld nx, sports, tk abt Gran Prix; SIO-444. (Levison-PA 8/9)
 9840 ALASKA KNLS 40700 RS IS, into trans. rel. pgm; g. (Wood-HI 9/29)
 9850 NETHERLANDS RN 40400-04234 Eg nx to AF, letters; g. (Wood-HI
 10/4) / 0357-0424* yl w/wld nx, 'Newslines', lcl QRM; w (Park-HI)
 9855 ISRAEL KOL 2402 EG nx, sports, ID by om, into pgm; 454 (Trotto-
 FL 9/25) / 2230 nx; (Weinhold-PA)
 9875 AUSTRIA ORF Vienna 0030 EG wld nx, interview, SIO-444. (Levison
 9880 USSR RM via Alma Ata 0510 FR xmsn to EU, ME, AF; tk by om & yl,
 mx, ID by yl; f (Jordan-PA)
 9925 BELGIUM RTBF 40455 IS s/on 0500 FR nx; g// 11660 (Wood-HI 9/26)
 2330 nx, wx, press rev., reports; SIO-444. (Levison-PA 8/18) /
 'Radio World', ID, mx pgm; SIO-454. (Trotto-FL 9/24)
 9900 EGYPT R. Cairo 0400-0500+ Lang. (Serbo-Croatian to Muslims in
 Yugoslavia (in their identifiable dialect). AR mx, blessings,
 Cairo address; Almost in the clandestine category at this time
 of ethnic and religious unrest in Yugoslavia; g. (Wood-HI 10/4)

11000 CHINA CPBS Taiwan-2 1000-1040 CH tk by om, mx arias, inst.,
 yl vocals; f. (Jordan-PA)
 11330 CHINA CPBS Taiwan-1 CH (pres) yl w/nx, field reports, om nx
 anchor; f. (Jordan-PA 9/14)
 11445 CHINA RB 41130 Tagalog IS, ID, wld nx, //12110 @1200, 11290
 11600; g. (Sheedy-CA 9/28)
 11510 BANGLADESH RB 1838-1847 EG ID, DX pg, monthly once! (Schulze-FRG
 11550 TUNISIA R. Tunis 1445-1505 AR time pip, tc, prayer, mx, ID @1500
 wld nx; (Dillon-Greece 9/17)
 11565 UNID 2205 EG phonetics "EZI?" reported by yl; (Weinhold-PA)
 11585 ISRAEL KOL 1505-1530 HERREW Soccer game, Jerusalem vs Tel Aviv
 rock mx, ID; g. (Dillon)
 11588 ISRAEL KI 0515 FR ID nx; f. (Wood-HI 9/28)
 11605 ISRAEL KI 1527 FARSI? IS, pips, ancmts, om w/nx; QRM RB (Park-HI
 10/1) / 2230-2300 EG nx, cmtry on PLO; (Weinhold-PA)
 11630 CHINA CPBS 1554+ CH anthem final ID, s/off; g. (Wood-HI 9/29)
 11645 GREECE ERT-VO Greece 0120-0140 GK/EG mx pg w/few ancmts. EG nx
 by yl 0130-0137; vg. ((Brouillette IL 9/8)
 11665 KUWAIT RK 1932 EG voc. pop mx, yl ancr. 'Land of the People'
 SIO-242 (Sampson-WI 9/25)
 11695 USA VOA-Greenville 2045-2049 CREOLE cmtry, sports, into Lang
 FR? (Brouillette-IL 9/5)
 11695 USA KUSW 0154 tk, ID, ad for weight control; (Daly-NY 9/9)
 11710 ARGENTINA R. Nac. 40200-0300+ SP ID, QTH, multi-ancmts by dif
 ancrs backed by guitar mx. Tks, interviews, reports; f. (Jordan-PA)
 11745 USSR RM via Alma Alta 2108-2250 SP/PT om & yl ancrs into nx
 tks; vp. (Jordan-PA 9/8)
 11750 USSR RM 0400-0415 RS om & yl into nx? operatic, folk mx sels,
 IS, Id; // 7390 IS, ID; (Jordan-PA 9/23)
 11835 LIBERIA R. ELWA Monrovia 2105-2145* AR om w/ tks, ID then into
 relig. hymns. om w/tks; (Jordan-PA 9/14)
 11880 CHINA RB 0311 EG nat'l nx, Olympic rep. from Seoul; (Cooper-CT)
 11920 PHILIPPINES VOA relay 41600-1617 EG nx pgm, ID; p. (Jordan-PA)
 11945 CANARY IS. REE 0131-0154* SP om w/ wld nx, om & yl ancrs w/fqys,
 tks; // 11815, 11945; g. (Jordan-PA 9/18)
 15425 SRI LANKA SLBC 0130-0215 Eg Rel., pop mx, ID, nx; (Paszkiwicz)



LOG REPORT

section D

1700 and above

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

- 11710 ARGENTINA RAE in EG 0203, mx sels, cmntry on health, DX, g (Levison PA 9/21)
- 11715 MALI R. Beijing relay in EG 0325, cooking instructions, mx, g (Levison PA 9/18)
- 11715 VATICAN CITY VR in Esperanto 0605, nx of Pope's visits, g (Wood HI 10/6)
- 11715 FINLAND RF in FN 0505, uutiset (nx), g (Wood HI 9/16)
- 11720 AUSTRALIA RA in EG 0730, salute to NZ on its 40th anniversary, g (Park HI 9/25)
- 11720 BULGARIA R. Sofia in FR *0600, IS, nx, xmsn to Africa, f (Wood HI 9/16)
- 11730 SPAIN REE in SP *0455, IS, nx, f w/QRM from VOA (Wood HI 9/26)
- 11735 NO. KOREA R. Pyongyang in EG *1100, nx, propaganda (Chichorek NJ, Prath FL)
- 11735 YUGOSLAVIA R. Novi Sad HS in HG 0740, nx, IS, ID, polit tlk, g (Sellers 10/1)
- 11735 MADAGASCAR R. Nederlands relay in EG 1521, end of mailbag, p (Park HI 10/1)
- 11740 NETHERLANDS RN in EG 2101-2125*, "The Research File" (Brouillette IL 9/5)
- 11745 BRAZIL R. Bras in EG 0209, history of message as med pract, g (Cichorek NJ 9/2)
- 11745nf NORWAY RNI in EG *0500, "Norway this Week", NATO exercises, interview Iranian refugee, g (Wood HI 9/26) RNI moved here from 11735 (Treibel WA 9/27)
- 11750nf SEYCHELLES BBC relay in EG *0256, IS, ID for "Indian Ocean relay", joined WS at 0300, nx about Britain (D'Angelo PA 9/25) ED: This must be new relay outlet for BBC since it is not listed in latest PWBR or WRHM.
- 11760nf SOUTH AFRICA RSA in EG *0155, nx to NA, replaces 5980 (Wood HI) TC, ID, pips, sked, nx all in EG 0300 (Sheedy CA) "Africa Today" in EG 0216 (Trotto FL) pgm lineup, into "Profile", interview with businesswoman in EG 0312 (Sellers 10/1)
- 11760nf PHILIPPINE IS. R. Veritas in EG 1500, relig message, nx, ID, continued after 1530 in Urdu?, g (Treibel WA 10/15)
- 11775 SPAIN REE in SP 0450, nx to Lat Amer, ID 0455*, //9630, 11880, g (Wood HI 10/4)
- 11790 USSR R. Kiev in EG 0212, nx, wx, children's folklore ensemble (Levison PA)
- 117905 INDONESIA VOI in GM 1800, gamelan mx, nx, f w/QRM R. Beijing (Wood HI 9/25)
- 11805 GUAM KTWR in EG 0821, relig dramatization, f (Sellers 10/1)
- 11810 VATICAN CITY VR in Amharic *1514, IS bells, relig pgm, vg (Sheedy CA 9/25)
- 11810 EAST GERMANY RRI in EG *0600, xmsn to Africa, nx, f (Wood HI 10/1)
- 11830 LIBERIA ELWA in EG 0725, relig pgm "Encounter", ID, Sun only, g (Sheedy CA 9/25)
- 11830 VATICAN CITY VR in CH *2230, IS, ID, relig? tlk, f (Trotto FL 9/24)
- 11835 ALBANIA R. Tirana in EG 2029, xmsn to Afr, IS, ID, nx, p (Sellers 9/30)
- 11835 LIBERIA VOA relay Monrovia in EG 0400, IS, TC, ID, nx, vg (Sheedy CA 10/9)
- 11870 SEYCHELLES FEBA in Farsi *0300, ID "Inja R. FEBA", sermon, g (Wood HI 9/25)
- 11875nf NORWAY RNI in NO/EG 0558, IS, ID, sked changes, //9590, g (Wood HI 9/25)
- 11890 OMAN RO in AR *0300, IS, anthem, nx, item from Bahrain, g (Wood HI 9/25)
- 11915nf CHINA R. Beijing relay from Xian of R. Espana was incorrectly listed under Taiwan in last month's LR-D. Thanks to Dr. Wood in HI for spotting this (ED)
- 11920 SRI LANKA TWR in EG 1156, organ IS, ID, children's choir, p (Sellers 10/1)
- 11925nf SOUTH AFRICA RSA in EG 1455, TC, pgm review, feature, IS, ID, g (Sheedy CA 9/25)
- 11925 WEST GERMANY VOA relay in EG 0515, "VOA Saturday Morning", f (Sheedy CA 10/8)
- 11930 NETHERLANDS RN in EG 0627, IS, ID, nx, "Sunday Spotlight", p (Park HI 9/18)
- 11935 UNITED KINGDOM RCI relay in EG 1559, ID, req rpts, into PL 1600, f (Wood HI 9/29)
- 119379 KAMPUCHEA VO the People in Lao? 1245, NA, nx(p), p-f (Anywodi VA)
- 11940 ROMANIA R. Bucharest in AR *1600, ID, nx, g (Wood HI) in EG 2022, xmsn to Europe DX pgm, "Listeners Club" at 2025, f (Sellers 9/30)
- 11950 BULGARIA R. Sofia in EG 2301, nx, comments of US fed. courts, f (Levison PA)
- 11955 ANGOLA RNA in vernacular 0600, ID, lively Afro mx, g (Wood HI 10/1)
- 11960 MALI RTVM Bamako in FR 0713, actualities, interview, //7285, 7110, g (Sheedy CA) In FR *0600, IS, ID, //4782, f (Wood HI 9/28)
- 11960 VATICAN CITY VR in Hindi *1430, bells, nx, soccer bcst? (Dillon GREECE 9/17)
- 11965 PHILIPPINE IS. VOA relay in CH 1256, CH/EG lesson, IS 1300, p (Sellers 9/25)
- 11980 GUAM AWR Agat in EG/JP 1354, "Amazing Grace", EG ID, JP 1400 (Tuchscherer 9/26)
- 11985 ALBANIA R. Tirana in RS *1600, ID "Govorit Tirana", nx, g (Wood HI 9/28)
- 11990 KUWAIT RK in EG 2055, AR mx, nx, US "Musak", //15495, 15505 (Alexander PA 9/19)
- 12015 MONGOLIA R. Ulan Bator in EG 1200, IS, sked, nx, QRM Beijing, p (Anywodi VA)
- 12015 CHINA R. Beijing in CH? *1300, IS and opening theme, tlk (Prath FL 9/4)
- 12015 USSR R Stn Atlantika in RS *1300-1400*, ID, nx(p), tlks, mx, g (Jordan PA 9/29)
- 13670 SO. KOREA RK in IT/FR 0625, tlk re Olympics, nx, ID, FR 0630, f (Sheedy CA 9/27)
- 13675 PAKISTAN RP in EG 1603, nx, tlk re Pakistan (Tuchscherer WI 9/19)
- 13715 CZECHOSLOVAKIA R. Prague in EG *1730, IS, sked, mailbag, g (Wood HI 9/25)
- 13730 AUSTRIA ORF in EG 0843, ID, address, rpt on Austrian youth, g (Levison PA 9/29)

- 15060 SAUDI ARABIA BSKSA in AR 1650, tlks, ID 1658, off 1700 (Prath FL) in TK 0355, lute IS, NA, pips, M w/soft tlks, louder Qu'ran (xmtr hum), p (Park HI 9/10)
- 15070 UNITED KINGDOM BBC London in EG 1508, "Radio Newsreel", mx (Dillon GREECE 9/18) in EG 1747, Olympic rpt, "Sports Roundup", ID, "Newsdesk", g (Park HI 9/24)
- 15084 IRAN VOIRI in Farsi 0823, sermon?, Qu'ran recitation, ID, f (Dillon GREECE)
- 150895 PAKISTAN RP in TK 1642-1705, Qu'ran, mx, lost to jam splatter (Schulze W. GERM.)
- 15090 VATICAN CITY VR in EG 1507, Vatican nx, closing annnmts 1511, g (Sheedy CA 9/25)
- 15095 SYRIA R. Damascus in EG 2002-2104*, end of FR 2007, into EG, nx, press review, (Brouillette IL) nx, AR mx 2015 (Sellers 10/1) in AR 0400, mournful recitations, ID 0401, brief tlk, sonorous AR vocals, vp-p, //12085 (Jordan PA 9/12)
- 15115 FINLAND RF in FR 1030-1047*, ID, nx, sked, QTH, ID, f (Dillon GREECE 9/17)
- 15114v PAKISTAN RP in EG 0226, slo speed nx, vp (Brouillette IL 9/7) in Urdu 0130, ID, Qu'ran, //4879 & 5090, 4879 was covered by R. Rumbos (Schulze W. GERMANY)
- 15120 VATICAN CITY VR in EG/Latin 1830, prayers, nx in EG 1900, f (Levison PA 9/19)
- 15125 GUAM KSDA Adventist World R. in vernacular 2209, hymn, sermon, f (Anywodi VA)
- 15135 CHINA R. Beijing in Malay(p) 1000, exotic arias, tlks, ID, f (Jordan PA 9/15)
- 15140 BULGARIA R. Sofia in FR *0500, xmsn to Africa, nx, g (Wood HI 9/26)
- 15140 SAUDI ARABIA BSKSA in AR 0118, sonorous vocals, ID 0119, mx, p (Jordan PA 9/14)
- 15150 NEW ZEALAND RNZ in various lang. 0700, ID, TC, nx in Samoan (Anywodi VA) in EG & lang 0501, nx, wx, mx, f-p (Jordan PA) in EG 0600, rpt on jazz, ID (Schulze)
- 15160 PHILIPPINE IS. VOA relay in EG 1255, tlks re Olympics, nx (Prath FL 9/10)
- 15161 MEXICO LV de America Latina in SP 1300, tlk, ads, vocals (Eckman CA 9/25)
- 15165 DENMARK RD in DN/EG 2346, vocals, cmntry in DN, ID in EG, g (Levison PA 9/4)
- 15165 CZECHOSLOVAKIA R. Prague in EG 1555, pgm on econ devel, ID's, g (Trotto FL 9/17)
- 15170 AUSTRALIA RA in CH *2200, IS, ID, nx, QRM from R. Free Europe, p (Trotto 9/18)
- 15175nf MADAGASCAR R. Nederland relay in EG 1843, "Newsline", "Media Net" (Park HI 10/6)
- 15180 NO. KOREA R. Pyongyang in EG *0600, ID, nx, g (Wood HI 10/2)
- 15180 CHINA R. Beijing in EG *0457, xmsn to WCNA, nx, g, //9770, 11715 (Wood HI 9/26)
- 15185 FINLAND RF in EG 1842, cmntry on acid rain & politics, f (Levison PA)
- 15205 ALGERIA RTA in FR 2201-2301, nx?, mx, pips on hr, ID, f-p (Jordan PA 9/13)
- 15225 GUAM KSDA Agat in JP 2058, ID in EG, annod "Adventist World R." (Schulze W. GER)
- 15235 LIBYA R. Jamahiriya in AR 0157-0300, impassioned dramatic tlks, mx inserts, ID, patriotic mx, exc (Jordan PA 9/14) in AR 1931, mx, long speech (Tuchscherer WI)
- 15240 EAST GERMANY RBI in EG 1615, xmsn to Asia, interviews, mx, nx (Cooper CT 10/4)
- 15240 AUSTRALIA RA in EG 0451, football rpt, f (Cichorek NJ) in EG 2235, ragtime mx, ID 2259, interview w/a singer, exc (Trotto FL 9/17)
- 15250nf SEYCHELLES FEBA in lang? 0416, preacher in lang, IS, chorus (Tuchscherer WI)
- 15270 JAPAN RJ in EG 0912, nx re Olympics & space shuttle, ID, p (Sellers 10/1)
- 15285 PORTUGAL RP in PT 1412-1530, tlk, dramatic mx, ID, nx, vg (Jordan PA 9/17)
- 15285nf AUSTRALIA RA in EG 0630, interview, g (Wood HI 9/13) in EG 0635 w/special Olympic coverage, ID (Sheedy CA 9/25) in EG 0703, nx, ID, f (Trotto FL 9/25)
- 15300 SEYCHELLES FEBA in AR 0344, ID, relig pgm, native flute mx (Schulze W GER 9/24)
- 15310nf IRAQ BSRI in AR 0500, ID, nx, g (Wood HI 9/16)
- 15325 JAPAN RJ in EG 0705, nx, Olympic results, ID, freqs, vg (Sheedy CA 9/25)
- 15325 PHILIPPINE IS. VOA relay in RS 0930, feature on speed metal mx, g (Park HI 9/17)
- 15325nf FINLAND RF in FR *1030-1045*, IS, ID, nx, IS 1045, //15115, f (Jordan PA 9/15)
- 15325 SEYCHELLES FEBA in EG 1205, children's pgm, sing-a-long, f (Anywodi VA 8/27)
- 15330 ITALY RAI in AR *0534, IS, ID, Muslim blessing, nx, g (Wood HI 9/26)
- 15335 INDIA AIR in EG 0958, IS, hrd faintly before Rabat s/on 1000, p (Anywodi VA)
- 15360 SINGAPORE BBC relay in EG 1030, "Vintage Chart Show", g (Park HI 9/12) in EG 0650 w/blues & "Jazz for the Asking", ID, fanfare, pips, TC, nx (Sheedy CA 9/25)
- 15365 SOUTH AFRICA RSA in FR 0520, tlk on stamps, //11900, g (Wood HI 10/3)
- 15385 NETHERLANDS ANTILLES TWR in PT 2300, relig pgm, off 0216, exc (Levison PA 9/10)
- 15395 SPAIN REE in SP 1048, tlk, mx, ID (Tuchscherer WI 9/26) in FR/AR 2010-2200*, SP mx selections, nx, martial fanfare, into AR 2100, watery audio (Jordan PA)
- 15395 PHILIPPINE IS. VOA relay in CH 2341, CH/EG lesson, p (Cichopek NJ 9/7)
- 15400 IRAQ BSRI in AR 0600, ID, nx, g (Wood HI 10/5)
- 15410 AUSTRIA ORF in GM 0500, ID, nx, g (Wood HI 9/16)
- 15420nf SEYCHELLES BBC relay in EG 1615, relay site ID 1645, nx, feature on Olympics, serious mx selections, wiped out by WRNO 1700, p (Jordan PA 10/2)
- 15420 GUAM KTWB in IN *2300, IS, ID, nx?, QRM R. Cairo, f (Trotto FL 9/23)
- 15425 AUSTRALIA ABC Perth in EG 2350, nx & analysis, QRM R. Moscow (Brouillette IL)
- 15435 CHINA R. Beijing in CH *0200, IS, ID, nx, watery audio, p (Jordan PA 9/17)
- 15445 LIBERIA VOA Monrovia relay in EG 1710, "Africa in Print" (Prath FL 9/10)
- 15450nf AUSTRIA ORF in EG 1240, mx, tlk re Dalai Lama, mailbag, ID, IS (Tuchscherer IL)
- 15475v ANTARCTICA RN Arcangel in SP 2345, clear ID, freqs, Latin mx, gone at 0129, in SP 2304, mx, annncts between mx bridges, interview, f-p (Sellers 9/30)
- 15555 CLANDESTINE Iran's Flag of Freedom R. in Farsi 0510-0525*, polemics, martial mx, anthem, p (Jordan PA) in Farsi 0500, ID, g but jammed by AR sta (Wood HI 10/3)

15560 MADAGASCAR R. Nederland relay in DT 1805, Olympics, nx, ID, f (Dillon GREECE)
15570 SWITZERLAND Red Cross BCS in EG 2120, cmntry on the problems of doctors and nurses in Kampuchea, exc (Levison PA 9/11)

15600 CHINA R. Beijing in SP 2301, ID into nx and tlks, g (Daly NY 9/25)
17558usb ICELAND ISBS in Icelandic 1939, chimes, ID, tlk, vg, //15659 (Laskowski IN 9/3)
17595 MOROCCO RT Marocaine in FR 1503, mx selections & vocals in FR, EG (Levison PA)
17605 NETHERLANDS ANTIILLES RN relay in AR 1750, "Medical Journal", ID (Dillon GREECE)
17620 FRANCE RFI in FR 1745, pop mx, sked, freqs, ID (Dillon GREECE) in EG 1646, mx pgm to Africa, sports interview (Cooper CT 10/4)

17660 PAKISTAN RP in EG 0230, instrumentals, ID, freqs, p, //15580 (Sellers 10/1)
17700 CHINA R. Beijing in CH 0239, CH classical mx, //15500 (Daly NY 9/29)
17705 LIBERIA VOA Monrovia relay in PT 1800; ID, song re starvation (Dillon GREECE)
17710 CUBA RHC in SP 1940, ID, exc (Schulze W.GER) Is this USSR L. Amer. relay svce?
17710 SINGAPORE BBC relay in EG 0001, nx summary, f (Cichorek NJ 9/10)
17710 BANGLADESH RB in EG 1230, nx cmntry, local mx, DX pgm, g (Laskowski IN 9/28)
17730 VATICAN CITY VR in FR *0600, IS, ID, into PT 0630, //15185, g (Wood HI 9/29)
17735 OMAN R. Oman in AR 1840-2132*, ME vocals & instrumentals, ID, g (Jordan PA 9/24)
17760 TURKEY VOF in EG *0359, IS, full EG sked, nx, press reviews, "Outlook", xmsn to S.E. Asia, //9445, f (Wood HI 9/25) in TK 2332, regional mx, p (Cichorek NJ 9/7)

17770 OMAN R. Oman in AR 0218, chants, tlks, ID (Tuchscherer WI 9/29)
17785 INDIA AIR in EG 1215, wx forecast for the Sulu expedition (Schulze W. GERMANY)
17795 AUSTRALIA RA in EG 0533, mx request pgm, exc (Davisson OH 9/25) in EG 2307 w/nx, sports, TC, ID, //15320, p (Cichorek NJ 9/7)

21460nf SOUTH AFRICA RSA in EG/FR *1800, IS, ID in both langs, exc (Treibel WA 9/26) in FR 1953-1955*, closing annts, freqs, ID, fluttery strong sig.(Brouillette IL)

21470 UNITED KINGDOM BBC in EG 0505-0530*, world nx, Olympics coverage, //5975, f-g fluttery signal (Sheedy CA 9/27) ED: Does anyone have late dope on xmtr site?

21480 MADAGASCAR R. Netherlands relay in EG 1215-1223*, mailbag pgm (Prath FL 9/24)
21485 VATICAN CITY VR in SP *1330, ID "Para America Latina", relig tlk, mx (Prath FL)
21490nf AUSTRIA RAI in GM 1629, into FR 1630, exc (Treibel WA 10/3) in GM 1500, IS, ID, nx, f-g (Trotto FL 9/20) in GM/SP 1301, tlks, pop mx, ID, IS, f (Jordan PA 9/14)

21590 SOUTH AFRICA RSA in EG 1500, ID, nx, //11925, 17745, 21535 (Wood HI) in EG 1510, tlks re SAfr entertainers (Prath FL) in EG 1545, interview with wildlife manager world nx, s/off 1555 (Cooper CT) in EG 1535 w/"Africa Today", f (Jordan PA)

21590 WEST GERMANY DW in GM 1305, nx, tlks, classical mx, weak sig (Jordan PA 9/19)
21595nf PAKISTAN RP in Urdu 0745, film mx, ID, reactivated freq, g (Wood HI 9/26)
21600 WEST GERMANY DW in EG 1523, cmntry, ID, "Insight", f (Trotto FL 9/6)
21600nf NO. KOREA R. Pyongyang in CH 0735, ID, tlk, g (Wood HI 9/26)

21605 UNITED ARAB EMIRATES R. Dubai in EG 1340, nx, wx, ID, relig tlk (Prath FL 9/4)
21630 USSR R. Moscow RP&P in EG 1400, nx, Olympics, disarmament tlks (Jordan PA 9/20)
21675 ISRAEL Kol Israel in HB *1200-1300+, nx?, mx, comedy, ads, f (Jordan PA 9/27)
21680 PORTUGAL D. Welle relay in GM 1210, ID, Olympics rpt, f-g (Trotto FL 9/11)
21690 ITALY RAI in IT *1700, IS, freqs, nx, wx, pop mx (Wood HI, Trotto FL, Jordan PA)
21695 SWITZERLAND SRI in EG 1350, "Swiss Merry-go-round", nx, ID (Prath FL, Trotto FL)
21700 UNITED ARAB EMIRATES R. Dubai in EG 0353*, s/off w/NA, g (Wood HI) in EG 0539 ID, nx, special mailbag (Schulze W. GERMANY)

21700 NORWAY RNI in NO/EG *1700, ID, "Norway This Week" in EG, //15310 which was QRM'd by BBC (Wood HI 10/2)

21705nf NORWAY RNI in NO 1603, nx, moved from 21700, exc (Treibel WA 10/3) ED: RNI has a habit of moving up or down 1/2 mhz to escape interference, it seems.

21705 CZECHOSLOVAKIA R. Prague in EG *0730, IS, ID, nx, g (Wood HI 9/26)
21730 NORWAY RNI in NO 0735, interview, g (Wood HI 9/26)
21740nf AUSTRALIA RA in EG *2200-0600, nx, international rpt, Olympics coverage, ID, "New Directions", interview, TC, promos, cmntry on ecology, "Innovations", freq anncd as "being tested for Olympics coverage to S. Pacific islands" (Jordan PA, Wood HI, Sheedy CA, Paszkiewicz WI, Tuchscherer WI, Levison PA, Sellers)

25690nf WEST GERMANY R. Liberty in RS 1245, tlks, IS 1250, ID "Govorit R. Svoboda" at 1300, nx, cmntry, f (Jordan PA 10/5)

25750nf UNITED KINGDOM BBC in EG 1330, "Sports Roundup", mx request pgm, nx headlines, quiz show w/live audience, f-g (Jordan PA 10/2)

Good news these days for the higher frequencies. Some days the solar flux peaks close to the 200 mark. Reports listed in last month's issue were not repeated this month. Please check the October issue for complete update. Thanks to contributors for the above reports.

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|---------------------|-----------------|----------------------|
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| | Packet Radio: | W2XQ @ WB2MNF |
| | Pinelands RBBS: | 609-859-1910 |

Thanks to a call from Lou Josephs, Radio Newyork International was heard on its first broadcast after leaving Boston Harbor in early October. On UT Saturday October 15, Lou heard it put a carrier on 1620 kHz at 0100 UT, called me and I was listening from 0200 onwards. Continuous music noted until the first ID at 0235 UT, noting the ship's registry was (now) with the Principality of Sealand. "Sara rocks, but she rocks you gently." The next evening RNI popped up again, precisely at 01 UT, frequent IDs and good audio. The signals were consistently 20-to-30 db/s9. RNI lasted until the following Monday before going silent upon being served with a restraining order. Lou Josephs is keeping Media Network listeners up to date on this developing story.

Other notes (in no particular order): Yugoslavia has expanded its English programming, including a NA service at 0100. Iraq at 2100 is announcing 15230, but that outlet -- if on -- is not heard here. Seychelles 1130 Fri-Sat on 15325 is now covered by Finland. Argentina is virtually a non-entity on SW now, on 9690 and buried on co-channel interference. R Tirana at 0230 and 0330 has moved off 9500 to 9757, parallel to 7065; I haven't had a chance to check the rest of the schedule.

Antenna work here: a 250-ft low LW antenna broke in August, and I replaced it with a longer and higher one that has a 90-ft vertical component. Interesting results were noted at 21 UT on 9770 where Iraq and WHRI battle it out. WHRI dominates on the 400-ft inverted-L that runs NW; on the 300-ft new LW running to the SE, Iraq pushes WHRI off the frequency.

Don't forget about the ANARC SWL Net, Sundays 1500 UT (10 a.m. Eastern time) on 7240 kHz. You can leave loggings in the SWL conference on the Pinelands RBBS. I usually check the system about an hour before net time for any late-breaking information.

And finally, George Wood announced on October 25 that NASWA's Tom McElvy has been appointed head of ANARC's Publicity Committee. Tom replaces Mike Harris in this capacity. Congratulations and good luck, Tom!

FOR SALE: Icom R-71A general coverage receiver, 100 kHz-30 MHz, AM-FM-CW-USB-LSB-RTTY with FL44A SSB filter, FL63 250 Hz CW filter, FM module. Very clean, no scratches, no dents. No dealer mods, factory stock, factory specs. All manuals and data sheets. Authorized Icom dealer service alignment August 1988. \$700.00 FOB Vincentown. Add \$20 for UPS second-day insured shipping or pick up here. 609-859-0179 6-9 p.m. EST. Tom Sundstrom, PO Box 2275, Vincentown, NJ 08088-2275, or use one of the Email addresses (cf English language schedules column).

Changes entered between 09/25/88 and 10/29/88.

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

| Start Time (UTC) | End Time (UTC) | Country | Station | Freq #1 | Freq #2 | Freq #3 | Freq #4 | Freq #5 | Freq #6 | Freq #7 | Freq #8 | Target Area | Notes | Record Last Updated |
|------------------|----------------|--------------|---------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------------------|-------------------------|---------------------|
| 0000 | 0100 | Bulgaria | R Sofia | 11950 | 9700 | | | | | | | NA/M Eu | | 10/28/88 |
| 0000 | 0030 | Norway | R Norway | 11850 | 9620 | | | | | | | ENG/CA/S As | Eng Mon only | 10/12/88 |
| 0000 | 0400 | USA | WRHG | 7355 | | | | | | | | NA/CA | 20 deg | 10/14/88 |
| 0000 | 0100 | USSR | R Moscow | 15405 | 13605 | 12050 | 9890 | 9765 | 9720 | 9530 | 7195 | ENA | also other freq's | 09/30/88 |
| 0030 | 0055 | Belgium | BRT | 9925 | | | | | | | | SA/NA | | 10/09/88 |
| 0030 | 0130 | Canada | R Canada Int'l | 9755 | 5960 | | | | | | | NA | SubMo-0200 | 10/20/88 |
| 0030 | 0100 | USSR | R Kiev | 15455 | 15180 | 13645 | 9800 | 9640 | 7400 | | | NA | | 10/12/88 |
| 0045 | 0230 | New Zealand | R New Zealand Int'l | 17705 | 15150 | | | | | | | Pac/Aus/Melanesia | Sat only | 10/27/88 |
| 0100 | 0200 | Canada | R Canada Int'l | 11940 | 11845 | 9535 | | | | | | LA | Su-Mo | 10/12/88 |
| 0100 | 0300 | Iraq | R Baghdad | 11810 | 11775 | | | | | | | Ind/Pakis/NA/SA | | 10/28/88 |
| 0100 | 0500 | USA | KUSW | 11695 | | | | | | | | Canada | 70 deg | 10/14/88 |
| 0100 | 0400 | USSR | R Moscow | 13605 | 12050 | 12010 | 9890 | 9700 | 7210 | 7195 | 7165 | ENA | also other freqs | 09/30/88 |
| 0100 | 0145 | Yugoslavia | R Yugoslavia | 9660 | 9620 | 5680 | | | | | | W Eu/NA | | 10/27/88 |
| 0130 | 0200 | Philippines | R Veritas Asia | 15325 | 15280 | | | | | | | As | | 10/27/88 |
| 0200 | 0300 | Argentina | RAE | 9690 | | | | | | | | Americas | | 10/27/88 |
| 0200 | 0300 | Canada | R Canada Int'l | 11940 | 11845 | 9755 | 9535 | | | | | LA | Tu-Sa | 09/25/88 |
| 0200 | 0700 | Guam | KSDA | 17865 | 15225 | | | | | | | As | | 10/14/88 |
| 0200 | 0556 | South Africa | Radio RSA | 11760 | 9610 | 9580 | | | | | | NA | | 10/20/88 |
| 0200 | 0230 | Switzerland | R Swiss Int'l | 17840 | 12035 | 9885 | 9725 | 6135 | 6095 | | | NA | 17840 v Brazil | 10/20/88 |
| 0200 | 0300 | Taiwan | V of Free China | 15345 | 11660 | 11740 | 9785 | 9680 | 7445 | 5985 | | NA/Jap/As/CA/Aus/NZ | MYFR: 11740, 9680, 5985 | 09/29/88 |
| 0200 | 0400 | USA | WHRI | 9495 | 7405 | | | | | | | Eu/Ca/SA | | 10/14/88 |

| | | | | | | |
|------|------|-----------------|---------------------|---|--------------------|----------|
| 0230 | 0300 | Albania | R Tirana | 9757 7065 | NA | 10/28/88 |
| 0230 | 0630 | New Zealand | R New Zealand Int'l | 17705 15150 | Pac/Aus/Melanesia | 10/27/88 |
| 0300 | 0350 | Fed Rep Germany | R Deutsche Welle | 9700 9605 9545 6130 6010 | NA | 09/30/88 |
| 0300 | 0400 | Taiwan | V of Free China | 15345 11745 9765 9680 7445 5985 | NA/Jap/As/Aus/NZ | 09/29/88 |
| 0300 | 0500 | USA | KUSH | 9815 | Canada | 10/14/88 |
| 0300 | 0330 | USSR | R Kiev | 15455 15180 13645 7400 7205 7150 | NA | 10/12/88 |
| 0330 | 0400 | Albania | R Tirana | 9757 7065 | NA | 10/29/88 |
| 0350 | 0410 | Italy | RAI | 17795 15330 11905 | S As | 09/28/88 |
| 0400 | 0500 | Argentina | RAE | 9690 | Americas | 10/27/88 |
| 0400 | 0500 | Bulgaria | R Sofia | 11840 11735 9560 7115 | Afr/NA | 10/28/88 |
| 0400 | 0450 | Fed Rep Germany | R Deutsche Welle | 11765 9765 9585 7225 7150 | S&C&E Afr | 09/30/88 |
| 0400 | 0400 | USA | WHRI | 9495 7405 | Eu/CA/SA | 09/25/88 |
| 0400 | 0600 | USA | WRHO | 6185 | NA/CA | 10/14/88 |
| 0425 | 0440 | Italy | RAI | 7275 5990 | Mediterranean | 09/28/88 |
| 0430 | 0530 | Seychelles | FEDA | 17820 15325 | India | 09/30/88 |
| 0500 | 0530 | Norway | R Norway | 15175 11735 | ME/Afr | 10/12/88 |
| 0530 | 0630 | Seychelles | FEDA | 17820 | India | 09/30/88 |
| 0600 | 0650 | Fed Rep Germany | R Deutsche Welle | 17875 15185 13790 11765 | W Afr | 09/30/88 |
| 0615 | 0630 | Canada | R Canada Int'l | 15235 11840 9760 9740 7155 6140 6050 | W Afr | 10/12/88 |
| 0645 | 0700 | Canada | R Canada Int'l | 15235 11840 9760 9740 7155 6140 6050 | Eu/Afr/ME | 10/12/88 |
| 0700 | 0900 | Guam | KSDA | 17855 15225 | As | 10/14/88 |
| 0710 | 0905 | Seychelles | FEDA | 17820 15325 | India | 09/30/88 |
| 0730 | 0800 | Bulgaria | R Sofia | 11720 9700 | W Eu | 10/28/88 |
| 0805 | 0930 | Guam | KTWR | 11805 | Far East | 10/28/88 |
| 0900 | 0950 | Fed Rep Germany | R Deutsche Welle | 21680 21650 17875 17780 17715 15510 11945 11785 | Aus/As/S&C&E Afr | 09/30/88 |
| 0900 | 1000 | Guam | KSDA | 17855 11980 | As | 10/14/88 |
| 0900 | 1115 | New Zealand | R New Zealand Int'l | 12045 9850 | Aus/Melanesia | 10/27/88 |
| 1000 | 1025 | Belgium | BRT | 21810 17595 | Afr | 10/12/88 |
| 1000 | 1100 | Guam | KSDA | 11980 9465 | As | 10/14/88 |
| 1000 | 1030 | Norway | R Norway | 25730 21705 15235 15180 | Afr/Eu/FarE/Aus/NZ | 10/12/88 |
| 1000 | 1030 | Vietnam | V of Vietnam | 15010 12030 9840 | | 09/25/88 |
| 1100 | 1150 | Fed Rep Germany | R Deutsche Welle | 21600 17800 17765 15410 | W Afr | 09/30/88 |
| 1100 | 1400 | USA | KUSH | 6130 | Canada | 10/14/88 |
| 1100 | 1130 | Vietnam | V of Vietnam | 15010 12030 9840 | | 09/25/88 |
| 1130 | 1200 | Seychelles | FEDA | 15325 | India | 09/30/88 |
| 1200 | 1230 | Canada | R Canada Int'l | 17710 15385 | SE As | 10/12/88 |

| | | | | | | | | |
|------|------|-----------------|---------------------|--|--|----------------------|----------------------|----------|
| 1200 | 1430 | USA | WRND | 9715 | | NA/CA | 20 deg (Su only) | 10/14/88 |
| 1230 | 1300 | Sweden | R Sweden | 21570 17810 15190 | | As/Pac | | 10/12/88 |
| 1300 | 1400 | Canada | R Canada Int'l | 17820 11855 9625 | | NA/Carib | Mon-Fri | 10/12/88 |
| 1300 | 1800 | Jordan | R Jordan | 9560 | | | | 10/20/88 |
| 1300 | 1330 | Norway | R Norway | 21705 15310 9590 6035 | | Aus/ENA/CA/Eu/SAs | Eng Sun only | 10/12/88 |
| 1300 | 1500 | USA | WHR1 | 11790 9455 | | Eu/CA/SA | | 10/14/88 |
| 1330 | 1400 | Vietnam | V of Vietnam | 15010 12030 9840 | | | | 09/25/88 |
| 1400 | 1700 | Canada | R Canada Int'l | 17820 11955 | | NA/Carib | Sun | 10/12/88 |
| 1400 | 1700 | Guam | KSDA | 11980 9830 | | As/India | | 10/14/88 |
| 1400 | 1430 | Norway | R Norway | 21760 15310 15290 15190 | | Aus/S As/NE/Af/Eu/NA | Eng Sun only | 10/12/88 |
| 1400 | 1556 | South Africa | Radio RSA | 21590 21535 17745 11925 | | Afr/NE/UK/Ireland | | 10/20/88 |
| 1400 | 1430 | Sweden | R Sweden | 21615 17810 15345 | | NA/As/Pac | | 10/25/88 |
| 1400 | 1600 | USA | KUSW | 9850 | | Canada | 70 deg | 10/14/88 |
| 1430 | 1600 | USA | WRND | 11965 | | NA/CA | 20 deg (Su only) | 10/14/88 |
| 1500 | 1640 | Guam | KTWR | 11910 | | India | Su -1650 | 10/28/88 |
| 1500 | 1615 | Seychelles | FEBA | 11865 9590 | | S & Mo & Sa | | 09/30/88 |
| 1500 | 1600 | USA | WHR1 | 15105 9455 | | Eu/CA/SA | | 10/14/88 |
| 1545 | 1600 | Canada | R Sweden | 17810 15330 15240 | | As/Pac/E Afr | | 10/12/88 |
| 1600 | 1650 | Fed Rep Germany | R Canada Int'l | 17820 15325 15315 11935 11915 9555 | | D&E Eu | last 4 via Eu relays | 09/25/88 |
| 1600 | 1650 | Norway | R Deutsche Welle | 21680 17825 15595 15105 9745 7200 6170 | | Aus/As | | 10/12/88 |
| 1600 | 2200 | USA | KUSW | 21705 15310 11760 | | NE/Af/MNA/S As | Eng Sun only | 10/12/88 |
| 1600 | 1800 | USA | WHR1 | 15650 | | Canada | 70 deg | 10/14/88 |
| 1600 | 2100 | USA | WRND | 15105 13760 | | Eu/CA/SA | | 10/14/88 |
| 1610 | 1625 | Seychelles | V of Vietnam | 15010 12030 9840 | | NA/CA/Eu | 20 deg | 10/14/88 |
| 1630 | 1655 | Belgium | FEBA | 9590 | | India | M-Sa | 09/30/88 |
| 1700 | 1730 | Norway | R Norway | 21810 17585 | | Afr | Mon-Sat | 10/12/88 |
| 1715 | 1730 | Canada | R Canada Int'l | 15310 15220 9655 | | Afr/NA/Eu | Eng Sun only | 10/12/88 |
| 1730 | 2015 | New Zealand | R New Zealand Int'l | 17820 15325 7235 5995 | | D&E Eu | last 2 via UK | 10/12/88 |
| 1730 | 1805 | Seychelles | FEBA | 15150 12045 | | Pac | | 10/27/88 |
| 1800 | 2100 | Kuwait | R Kuwait | 11810 | | India | F&Sa -1830 | 09/30/88 |
| 1800 | 2000 | N Mariana Is | KY01 | 11665 | | Eu/Af/NA/Aus/NZ | | 10/20/88 |
| 1800 | 1856 | South Africa | Radio RSA | 9455 | | Japan | 340 deg | 10/14/88 |
| 1800 | 2000 | USA | WCSN | 17795 15365 | | W&C Afr/UK/Ireland | | 10/20/88 |
| 1800 | 1830 | Vietnam | V of Vietnam | 21640 | | E Afr | 75 deg | 10/14/88 |
| | | | | 15010 12030 9840 | | | | 09/25/88 |

| | | | | | | | | | | | | | | |
|------|------|-----------------|------------------------|-------|-------|-------|-------|-------|-------------------|----------|------|-----|-------------------|----------|
| 1900 | 2100 | Cuba | R Havana | 11800 | | | | | Eu/AF | 10/15/88 | | | | |
| 1900 | 2000 | Ecuador | HCJB | 17790 | 15270 | | | | Eu | 10/12/88 | | | | |
| 1900 | 1950 | Fed Rep Germany | R Deutsche Welle | 17715 | 15390 | 13790 | 11810 | 11785 | W Afr | 09/30/88 | | | | |
| 1900 | 1930 | Norway | R Norway | 15225 | 9590 | 6015 | | | Eu/AF | 10/12/88 | | | | |
| 1900 | 1930 | USSR | R Kiev | 9600 | 7240 | 7205 | 5915 | | Eu | 10/09/88 | | | | |
| 1900 | 1930 | Vietnam | V of Vietnam | 15010 | 12030 | 9840 | | | W Eu | 09/25/88 | | | | |
| 1930 | 2000 | Bulgaria | R Sofia | 11720 | 7155 | 6070 | | | W Eu | 10/28/88 | | | | |
| 1930 | 2000 | Canada | R Canada Int'l | 17875 | 15325 | 11945 | 9555 | 7235 | W Eu | 09/25/88 | | | | |
| 1930 | 2025 | Iran | R Tehran | 11895 | 9022 | | | | ME/W Afr/Eu/ENA | 10/28/88 | | | | |
| 2000 | 2100 | China | R Beijing | 11500 | 9720 | | | | Eu | 09/30/88 | | | | |
| 2000 | 2100 | Guam | KSDA | 7365 | 5995 | | | | As | 10/14/88 | | | | |
| 2000 | 2030 | Norway | R Norway | 15310 | | | | | SA/Eu/AF/ENH/CA | 10/12/88 | | | | |
| 2030 | 2100 | Vietnam | V of Vietnam | 15010 | 12030 | 9840 | | | Eng Sun only | 09/25/88 | | | | |
| 2100 | 2100 | China | R Beijing | 11500 | 9720 | | | | Eu | 09/30/88 | | | | |
| 2100 | 2150 | Fed Rep Germany | R Deutsche Welle | 11745 | 9765 | 9650 | 7130 | | Aus/As | 09/30/88 | | | | |
| 2100 | 2200 | Guam | KSDA | 15125 | 7365 | | | | E As/Indon | 10/14/88 | | | | |
| 2100 | 2300 | Iraq | R Baghdad | 13230 | 9770 | | | | Eu | 10/28/88 | | | | |
| 2100 | 2130 | Romania | R Bucharest | 11940 | 9690 | 7145 | 6105 | | Eu | 10/12/88 | | | | |
| 2105 | 2205 | Syria | R Damascus | 15095 | 12085 | | | | NA | 09/30/88 | | | | |
| 2130 | 2200 | Bulgaria | R Sofia | 11720 | 9700 | 7115 | | | Eu/NA | 10/28/88 | | | | |
| 2130 | 2200 | Ecuador | HCJB | 17790 | 15270 | | | | Eu | 10/12/88 | | | | |
| 2200 | 2300 | Argentina | RAE | 9690 | | | | | Americas | 10/27/88 | | | | |
| 2200 | 2225 | Belgium | BRT | 9925 | 5915 | | | | NA/Eu | 10/15/88 | | | | |
| 2200 | 2230 | Canada | R Canada Int'l | 17820 | 15150 | 11945 | 11880 | 11705 | Eu/SE As/NA | 10/12/88 | | | | |
| 2200 | 0200 | Guam | KSDA | 15125 | 11700 | | | | As/SE As | 10/14/88 | | | | |
| 2200 | 2225 | Italy | RAI | 11800 | 9710 | | | | Japan | 09/28/88 | | | | |
| 2200 | 2230 | Norway | R Norway | 11850 | 9605 | | | | W Afr/SA | 10/12/88 | | | | |
| 2200 | 2300 | Taiwan | V of Free China | 15370 | 11905 | 9955 | 9455 | | AusNZ/Eu | 09/29/88 | | | | |
| 2200 | 2230 | USSR | R Stn Peace & Progress | 7360 | 7340 | 6145 | | | Eu | 10/08/88 | | | | |
| 2200 | 2300 | Yugoslavia | R Yugoslavia | 9660 | 9620 | 7130 | 5980 | | W Eu/NA/India/Af | 10/28/88 | | | | |
| 2230 | 2330 | Bulgaria | R Sofia | 11950 | 9700 | | | | NA/W Eu | 10/28/88 | | | | |
| 2230 | 2300 | Vietnam | V of Vietnam | 15010 | 12030 | 9840 | | | | 09/25/88 | | | | |
| 2245 | 0045 | New Zealand | R New Zealand Int'l | 17705 | 15150 | | | | Pac/Aus/Melanesia | 10/27/88 | | | | |
| 2300 | 0000 | USSR | R Moscow | 15405 | 13605 | 12050 | 9890 | 9765 | 9720 | 9530 | 7195 | ENA | also other freq's | 09/30/88 |
| 2330 | 0000 | Albania | R Tirana | 9760 | 7065 | | | | NA | | | | | 09/25/88 |
| 2330 | 2400 | Vietnam | V of Vietnam | 15010 | 12030 | 9840 | | | | | | | | 09/25/88 |
| 2335 | 2345 | Greece | V of Greece | 9395 | 7430 | | | | NA | | | | Eng news ext Su | 09/25/88 |



SVERIGES DX-FÖRBUND

Stockholm, September 12, 1988

"SDXF goes DX"

With a new management the Swedish DX Federation plans to put more emphasis on DX related matters and less on bureaucracy. Our aim is to fill those information gaps that exists, in order to better help our DXing members. At the same time we seek to avoid unnecessary efforts by using, after being granted permission, DX information produced by others, in order to further our mutual hobby for the benefit of all DXers.

For your information we plan, as a first minor step, to publish several booklets on different DX topics:

- Latin American - an updated version of the 1970 edition of QSL Guide the SDXF "LA QSL Guide", listing all QSL received in Sweden from Latin America. If possible, we plan also to include QSL received in all the Nordic countries.
- FM Listening Guide A guide to assist those who wants to learn about this field of DXing. In Swedish.
- Antenna booklet Pär Mattisson, a wellknown antenna expert, explains in easy terms which antenna you should chose in your flat, garden or on that exotic DX-expedition. In Swedish.
- Latin American Loggings A guide listing all Latin American stations heard in Scandinavia since 1961.

We plan to publish these publications in early 1989 but would already at this point like to receive comments and suggestions from fellow DXers and DX organizations.

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DXtra

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