

SPECTRUM WORLD BROADCASTING.

All correspondence to:134 Eastworth Road,Chertsey,Surrey,ENGLAND,KT16 8DT.

THIRD INTERNATIONAL BROADCASTING MARATHON
Schedule for period Dec 23 '85 - Jan 2 '86.

Dear Friends,

Welcome to this pre-publicity broadcast schedule from SPECTRUM WORLD BROADCASTING on the occasion of our second anniversary! Let's start by giving our sincere appreciation to those of you who have supported us on previous marathons, and also to other new DX Clubs and DX programme editors who may be unfamiliar with our organisation. SPECTRUM WORLD BROADCASTING is a low power broadcast facility set up to provide listeners worldwide with the opportunity to listen to interesting programmes consisting of an entertaining mix of speech and music from our base in Western Europe. As a non-profit making organisation financed by private individuals, we have always been pleased by the response of the international audience to our broadcasts.

SPECTRUM WORLD BROADCASTING CHRISTMAS '85 / NEW YEAR TRANSMISSION
SCHEDULE.

December 23rd 1985 to January 2nd 1986. All times are UTC, all frequencies in KHz, all programmes are in English.

- 1). 6240 (48.1 metres) A.M. operating 24 hours a day.
- 2). 7350 (40.8 metres) A.M. operating 24 hours daily. Alternative frequencies 7400 7420.
- 3). 9962 (30.1 metres) A.M. reduced carrier operating 24 hours daily.
- 4). 11480 (26.1 metres) A.M. operating 24 hours daily. Alternative frequency 11550, 26 metres.
- 5). 3905 (76.8 metres) SSB (LSB) operating from 00-00 to 06-00hrs. This broadcast may not be available on some days.

We look forward to receiving reception reports, which will be verified by means of QSL card and pennant. your comments on programmes etc are always welcomed. It would be appreciated if listeners could enclose return postage, say 2 IRC's. We do however realise that in some cases this may prove difficult where, for example IRC's are not available . It is therefore the policy of the station to confirm all correct reception reports, although there are obviously financial limitations and we would ask you not to encourage any abuse of this policy. finally can I thank you in anticipation for publicising our MARATHON BROADCAST, further information is, as always available from our mailing address.

Sincere 73

Gerry Sinclair

Gerry Sinclair, Station Manager, Spectrum World Broadcasting.

CONTACT

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

Well, here we are at the last CONTACT of 1985. As usual, there are some interesting letters and some thought-provoking ideas to ponder. Let's get right to it...

From Duke Alexander (Houston, Texas) some disturbing news:

Today I am writing concerning a most urgent matter I think all SWLs need to act upon. "The Electronic Communications Privacy Act" of 1985, sponsored by Sen. Patrick Leahy (D-VT) and Rep. Robt. Kastenmeier (D-WIS) would, in effect, make SWLs liable to Government prosecution under wiretapping laws for just listening to mobile/cordless telephones that operate in the SW or VHF spectrum. I suppose the satellite TV people could be in on this as well. This is a good example of legislators trying to accommodate greedy commercial interests. If the telephone or satellite people feel it is too costly to put scramblers on their devices, they just lobby Congress to "criminalize" the innocent listener. SWLs that enjoy listening to unscrambled military communications could end up in Federal Prison for trying to QSL! If you overhear a drug deal or murder being planned, and call the Police, YOU go to the Federal Pen for "wiretapping"! There are quite adequate laws now on the books against espionage and fraudulent misuse of TV or radio signals. This measure would put the US in the same category as countries that do not allow free reception of radio signals. We must not sacrifice fundamental American rights! I would hope every SWL takes pen in hand and writes his or her Senator and Congressional Representative. Remember, these legislators (with the exception of Sen. Goldwater) know NOTHING of SWLing; YOU are the ONLY one that can "set them straight" on this.

I am angered by this most recent attack on the freedom of speech (and listening), but I can't say that I am especially surprised. There is an increasing tendency to make consumers legally (and, by implication, morally) responsible for the faulty and penny-pinching engineering and planning on the part of manufacturers. There can be no shortage of people in the industry who are perfectly aware that the devices they market use frequencies that are commonly available on a large number and wide range of openly and legally obtainable receivers; they must also be aware that, without the use of scramblers, the communications carried by these devices cannot in any way be claimed to be secure. Yet the matter has not been addressed by manufacturers, and I can only assume that they have left the consumer to assume, in good faith, that their privacy is secure. Caveat emptor? That tired phrase has been used all too often in order to shift the blame from manufacturers to consumers: it is not the function of business merely to outwit the consumer, nor ought it to be assumed that blame must inevitably fall on the consumer so outwitted. One more point: we Americans are the envy of the world with respect to the freedom with which we can obtain, use, and disseminate information. And yet we Americans are often the first to try to tinker with and weaken that precious freedom. You and I, however, can speak out against this assault on that freedom. I will, and I hope that you will too.

An interesting development in the ICOM back-up battery problem is brought to our attention by Ken Cobb (Portland, Maine):

I hope to contribute a little bit of information today that I hope you can use. I have been following the ICOM R71A lithium battery controversy in your column with great interest and concern. You see I too am a proud father to one of ICOM's darlings! I really love that R71A and I was quite concerned to find out about that battery being so hard to replace. After getting the lowdown from the October FRENEX, I immediately wrote to ICOM to voice my concern and ask what should be done about the matter (very politely, too, I might add). Enclosed is a copy of the letter sent to me by ICOM. It does answer a few questions that I had, however I still am a little

bothered by the fact that neither ICOM nor the dealer (EEB) bother to mention the problem in their ads, or even in the manual. I mentioned this to ICOM also.

I still am taking the letter from ICOM with a grain of salt, but it does address the problem and offer a reasonable solution (for me anyway; I don't know how other ICOM R71A owners will react to it. Annoyance is certainly justified in this case!) I hope you can use this info to let other owners know what ICOM plans to do about the problem. Perhaps all the owners should write ICOM and let them know first hand. Then ICOM may be persuaded really to satisfy their customers, as in FREE battery replacement. I'm going to mention it in my next letter: it's their technical goof--right?!

Here, then, is ICOM's reply to Mr. Cobb; it was written by Scott Malcom (KA7MEF), Acting Service Manager:

Thank you for your purchase of the ICOM IC-R71A short wave receiver and for bringing your questions and concerns to our attention.

The ICOM IC-R71A does utilize a lithium memory back-up as most transceivers do these days to maintain memories. The life of the lithium battery is unknown at this time. The shelf life is five to seven years according to the manufacturer of the battery. Our engineers have assured us, due to the design of the radio and the way they have utilized this battery, it should in fact last closer to 15 or 20 years without any problems at all. Should at any time this battery fail to hold a charge, ICOM has a 24 hour service program to replace this battery. The battery is located on what is termed as a RAM card and this card may be simply unplugged from the radio and sent in by U.S. mail which means you may have the RAM card battery replaced and back to you within one week.

The only charge that would be applied to this would be \$25.00 which covers replacement of the battery and shipping and handling if the battery should ever fail.

If I may be of any further service, please do not hesitate to write or call.

This is all very well as far as it goes, but a number of questions remain. 1) Simple? If you have ever looked inside the R71A you will know that is absolutely packed with components, wires, connectors, etc. Getting the RAM card out without disturbing anything else may very well not be so 'simple.' 2) Why isn't this procedure discussed in the manual? Mr. Cobb rightly points out this failure, and this, at least, ought to be rectified immediately. 3) 15 - 20 years? If the lifetime of the battery is not known, then it would seem difficult to hazard any kind of estimate at all. I discussed this with an engineer (Mr. Louis Nielsen) whose work requires that he be well informed about batteries. He told me that 'shelf life' is a kind of 'worst case' estimate of the life of the battery, and may, in practice, be very much longer than that figure might indicate. There is, however, just no way of knowing for sure until the batteries have been around for 15-20 years. By which time will ICOM still be able to be so accommodating? 4) Only...\$25.00? -- need I say more?

Continuing for a moment on the ICOM theme, come these thoughts from MSgt Robert L. Forrester (Eielson AFB, Alaska):

Can we really place total blame on ICOM? I'm sure ICOM will be around to change the battery and reprogram the receiver. If not, some greedy individuals will welcome the opportunity and make the repairs. I personally can't place total blame on ICOM. Sure they didn't mention the 5 year lithium battery or the reprogramming of the R71A in their ads but it is our responsibility as buyers to find out as much as we can about the product before purchase. The R71A is an excellent receiver and the fault is not in it but in the slick advertisements ICOM



uses to whet the appetites of the affluent North American market. Instead of careful comparing and investigating our products, we now buy on the basis of pretty pictures and catchy words put out by the manufacturers to get us to buy their products. I do not own an ICOM product. I did my homework and purchased as JRC-515. Perhaps there is something to the old saying "Let the buyer beware."

Thanks for the amusing cartoon, and thank you, too, for the timely reminder that we consumers must take a lively and active part in our buying. I think, however, that the present instance goes somewhat beyond what may be reasonably required of the consumer. I, for instance, read everything I could get my hands on about all of ICOM's products -- the R70, R71, and transceivers -- and got my information from as many sources as I could -- Larry Magne's reviews in W^RT^H, product reviews in QST, discussions with vendors, etc. And in this inquisitiveness I am not so vain as to think myself unique. This raises some interesting questions which some of you might want to consider and share your answers with us: What were your requirements when you set out to buy a receiver and how were those requirements altered (accommodated) by the market place? What questions did you ask, of whom? What sources did you consult? The answers to these and other question would go far in helping others to make sound and satisfying purchase decisions, so please share them with us!

A fascinating letter from Gerry Bishop (Clark AB, Rep. of the Philippines) gives some fascinating insights into non-North American DXing and comments upon several matters previously taken up:

Greetings from Asia! (☺) DXing from the rim is, as you might expect, quite different from DXing in the States. Not only am I about 12-15 hours "out" from NAM, but living in the Philippines is like being 30 years behind. (☹) Power brown-outs are common, and can last anywhere from 10 minutes to a two day black-out. However, a battery operated set can offset some of the inconvenience, but not all.

Chinese stations are the main powerhouses, with Australia and R. Moscow following closely. Indonesian stations, especially RRI's (Radio Republik Indonesia, the government broadcasting service--sgm), and Malaysians are there for the taking. Papua New Guinea stations are still tough but not quite the challenge presented from a Pennsylvania location. (☹) DX are West African stations and Latin Americans. 60mb Brazilians are easier from September to December than any other time of the year, especially around 0900UTC. An occasional Bolivian or Ecuadorian may surface around 1000UTC on 60mb. (☺) Best catch here, so far, has been R. Candip (Zaire) on 90mb. Azad Kasmir, 3665kHz (Pakistan; listed as 3670v, 1 kilowatt in DSWCI Tropical Bands Survey, 12th edition, but not mentioned in the 13th) is not common, but will show up once a week. Bhutan is still unheard -- the only active Asian country on my list that way. Comoros will make it here, though weak with "splash" on 3335kHz.

On the subject of contributing, I've always beleived that anyone should contribute any time s/he had any relevent information, and the time to organize it for contribution [...] (☺) For my part, I can't quite seem to make the deadlines for Log Report or UPDATE, but I do send Glenn Hauser information on whatever I'm logging, especially when it differs from published schedules or frequencies. And when I've got half a dozen or so QSLs, I send off a letter to Sam Barto.

[...] The ICOM R71A lithium battery debacle certainly sold me on the Yaesu-8800, though I'm concerned about some similar flaw surfacing in this one, too. Side by side, in-store performances on the two proved inconclusive. However the 8800 has certainly passed any test I can give it for digging out the tough DX. In fact, as I write this, KORL-650 (QTH?--sgm) is weak but readable from across the Pacific. [...]

It would be very interesting to hear from other non-Stateside SWLs about reception and conditions at their locations.

As I was finishing up this month's column, I received some interesting letters. One, from Duke Alexander provided some interesting news on Radio Earth (see below. CONTACT NOTES) and some further material on the "Electronic Communications Act of 1985" (This will be presented next month.) The other letter is from Bill McMillan, Superintendent in charge of broadcasting transmitter facilities at Tahiti Bay (Broadcasting Corporation of New Zealand) and gives some interesting information about the present state of broadcasting there. This too will appear next month.

\$ \$ CONTACT NOTES \$ \$

From Duke Alexander about Radio Earth:

In a Nov. 1 Press Release, Jeff White has announced that Radio Earth has purchased a transmitter, which after some engineering modifications will be installed on a site in Curacao, Netherlands Antilles. A station license has been applied for. A TMC (Technical Materiel Corp.) 50Kw SSB transmitter will be modified by Radio Earth engineer Jon Gorski to operate at 25Kw AM mode on the shortwave bands. If the ITU ever mandates a switch to SSB mode, the unit will be switchable to that mode at that time. An antenna has not been selected, but it will be a beam type, with North America and the Caribbean being the first target areas. An antenna directed to South America will also be constructed. There is a possibility that a Kahn stereo generation system may be employed--but this has not been decided yet. All staff stationed on Curacao will be island resident and citizens with the exception of Jeff White who may or may not choose to do programs there. But engineering, announcing, and administrative people on Curacao will be locals. Projected sign-on is June 1986.

I have just completed an analysis and re-working of the MINIMUF 3.5 computer program which originally appeared in the December 1982 QST and which was also given in a Commodore 64 version in the September 1985 FRENEX COMPUTER CORNER. In the process of extracting the equations from the program I was able to improve some of the computation procedures, tighten the structure of the algorithm, improve (I think) accuracy beyond 6000 miles, and provide more useful results for polar paths. Further, as all of the computations have been performed in degrees (as opposed to radians), these revised equations are more appropriate to a programmable hand-held calculator or suitable computer (such as the TI CC-40, HP-41, HP-70 or HP-75). I will finish the annotations in the next week or so. If you would like a copy, please send a SASE with 39c postage to me and I will send a copy of it to you as soon as the XEROX machine runs off the copies.

Finally, I want to thank all of you who have written. If this column has succeeded in bringing SWLs into CONTACT with one another, it has been because of your support and effort. To readers who have patiently followed the varied mix of topics covered here, also my deepest appreciation. I want to wish you all the joys and felicitations of the season, and my best wishes to one and all!

73-





Easy Listening

Editor: Alex Batman, 4636 Alvin Dark, Apt. 2, Baton Rouge, LA 70820

SUNDAY

1140-1200: "Listeners' Letterbox" (Radio Beijing). Answers questions from a worldwide audience (not exclusively North American) about a variety of subjects, including newspapers in China, circuses, rail service, earthquakes, and the Chinese computer industry. Usually answers three letters per program and does a pretty thorough job. (9820. Repeated at 1240 on 9820/11360 and test frequency 9535. Also repeated at 0040 on 9820/11970).

0050-0110: "The Pope, the Church, and the World" (Vatican Radio). Program begins by summarizing the Pope's Sunday message, usually the Homilie. Plays tape of the Pope and translates. The last ten minutes of the program are devoted to Church issues and world issues that affect Catholics, like the Sixth Symposium of European Bishops, a Church conference in Milan on the issue of criminality, or how the recent Anglo-Irish agreement will affect Catholics in Ireland. (11845/9605/6015).

MONDAY

1215-1245: "Just a Minute" (BBC). A hilarious quizz program in which four participants (usually two or three regulars and one or two guests) are asked to speak for one minute on a given subject without digressing, hesitating, or repeating themselves. (Clement Freud, Sigmund Freud's grandson, is a regular, by the way). Subjects can be mundane ("magic" or "dressing in a hurry") or ridiculous ("stewed hippo" or "the last time my husband sawed me in half"). (11775/6195/5965).

2255-2300: "Generation to Generation: Thirty Centuries of Jewish Life in the Land of Israel" (Kol Israel). A long title for what is basically a very short program detailing various periods of Jewish history in Israel. Recent episodes seem to have concentrated on the first century AD just before the Diaspora. (9435/9815/7410. Repeated at 0025 on 9435/7410/5885. Kol Israel is dropping 5915 in favor of 5885 to avoid QRM from Radio Moscow).

TUESDAY

2230-2250: "Culture and the Arts" (Radio Moscow). A program that is largely comprised of interviews with those engaged in some cultural pursuit. Most shows have a theme that ties them together in some way, such as theater productions about the end of militarism, painters who were Russian soldiers in World War II, or freedom of artistic creation in the Soviet Union (ahem!). Each show includes five minutes of "News from the Cultural Scene", brief news items of cultural interest. (7115 et. al.)

0230-0300: "VOA Magazine" (VOA). A slick, well-packaged production with a lively, upbeat presentational style. Most items, usually three to five minutes in length, are of human interest rather than current affairs oriented. Some features have been the granite industry in Vermont, the NASA program to put a journalist in space (this reporter refuses to go), computer-automated buildings, the writers' workshop at Iowa, and an interview with Charles Kuralt, who in some ways is the spiritual father of this program. Quite entertaining and somehow very American (5995/6130/9455/9650/11580/11675). M--F.

WEDNESDAY

0030-0035: "News from Cuba" (Radio Havana Cuba). A brief summary of news items about Cuba, usually focusing on cultural events, symposiums, conventions, etc. taking place in Havana or elsewhere in Cuba. Frequently quotes from some address or other of Fidel Castro. (6100/6140/9740/11725). Repeated every half hour daily.

0015-0030: "Musical Spotlight" (Spanish Foreign Radio). A program that features traditional Spanish music. Some programs have featured the castinettes, bullfight music and songs, and tunas (Spanish collegiate signing groups, not fish). (11880/9630. Repeated at 0115 on the same frequencies and for West Coast at 0515 on 9630/6125).

THURSDAY

2210-2225: "The World Today" (BBC). An in-depth look at a single item of interest in the news. Past programs have covered the Greenpeace scandal (the sinking of The Rainbow Warrior), violence in Lebanon, and problems in South Africa. Program not only includes reports from correspondents but also interviews with a variety of experts in the area. About as thorough coverage of an issue as you can get in fifteen minutes. (5975/6175/7325/9590). M-F.

0135-0148: "Thursday Feature" (Deutsche Welle). Despite the rather unimaginative title, this is not a bad show that usually takes a subject of political, cultural, or historic interest and does a pretty thorough job of examining it. Past programs have included a feature on the notorious Nuremberg laws of Nazi Germany, the excavation of Troy by Von Schlieman, a study of the GI in Germany, and the impulse toward German re-unification. (6040/6085/9545/9565/11785. Repeated for West Coast at 0535 on 5960/6120/6130/9690/11705).

FRIDAY

1120a-1125a: "Profile" (Radio Beijing). This program features interviews with individual Chinese notable for their achievements, including a school teacher in one of the provinces, a noted Chinese scholar, and a Chinese graduate student who won an essay competition. (9820. Repeated at 1220a on 9820/11860 and test frequency 9535. Also repeated at 0020a on 9820/11970).

1400-1425: "Weekday Friday" (Radio Sweden International). The program always begins with a five minute bulletin of Swedish and other Nordic news, including the weather in major Swedish cities. The next part of the program is a current events magazine, and the program, at least on Fridays, concludes with a feature of more human interest. For the last several weeks they have been running a series called "The Scandies" about Scandanavian emigrants who settled in New Zealand. With minor variations, this is a daily program, only the day of the week changing in the title after "Weekday". (15345. Repeated at 0400 on 9695). M-F. (Tuesday's edition abbreviated for "Sweden Calling DXers" at 1415).

SATURDAY

2250-2300: "Audio Book Club" (Radio Moscow). A reading of short stories, poetry, and extracts from novels by noted Russian authors, mostly modern Soviet authors like Maxim Gorky and Mikhail Sholokhov, but has occasionally included a nineteenth century figure like Tolstoy (an extract from Resurrection). Very well done with appropriate dramatic music that provides just the right backdrop without sounding melodramatic (7115 et. al.)

0210-0230: "American Viewpoints" (VOA). Each week an article on politics, economics, or current events is quoted from and summarized, and then two Americans who have appropriate credentials in the subject area are given an opportunity to respond to, criticize, agree with, or dissect the article. Good for those who have a high interest in current affairs; boring for those who don't. (5995/6130/9455/9650/11580/11675).



Soundwaves

Editor: Paul Lannuier, 25 MacArthur Ave., Closter, NJ 07624

Winter is upon us, and with it, the happy return of the DX season. Even though we're now reaching the sunspot minimum and end of Cycle 21, there should still be some good DXing to be done in the coming months. Just remember, conditions can only get better from here on in. I figure 1990-1991 to be the high point of Cycle 22. Until then, we have to hang in there and keep our ears open. This time last year, I was having some pretty good luck on 60 meters. This year I hope to do better, since I am no longer at school in Boston, and the local QRM in that city is frustrating, to put it mildly.

Here's a couple of Africans that I've been hearing lately:

NIGERIA: The best part of having earlier sunsets is that I am able to catch the two Nigerians on 60 meters before their sign-off time around 2300 GMT. Look for Kaduna on 4770 kHz and Lagos on 4990 kHz. The tunes are incredible, with lots of drums and percussion.

GABON: Africa No.1 comes in loud and clear on 4810 kHz. Listen for their upbeat format and fast talking French language DJs between 1800 and 2300 GMT, and again between 0500 and 0800 GMT. They can also be heard on a number of higher frequencies at other times of the day (try 15200 kHz in the morning).

In the November "Listeners Notebook", Glenn Hauser ran Maxfield Greenwood's list of 60 meter African stations. I refer all to this, as it is very complete and helpful. I went through it one evening, and found a few of the noted stations, although conditions were far from adequate for any kind of serious music listening. I hope things get better soon so I can listen once again to old favorites like Botswana and Cameroon.

Aside from these few loggings, I have little else to mention this month in terms of music broadcasts, due to the lack of contributions. As many other columnists have mentioned in the past, one person can't do it all by himself. I not only enjoy hearing from listeners, but also NEED to hear from them. THIS MEANS YOU! As it is, I barely have the time to gather up enough items to run this column every other month. I must receive more reader input in order to ensure its survival.

CAR SW CONVERTERS (PART II): I received two letters in response to my request for information dealing with car SW converters. The first is from Jerry Stuart in Lawton, OK. He uses an MFJ model 304 with his Dodge AM Stereo unit, along with the car's stock antenna, and seems to have good luck with it. He says some stations will kick in the stereo mode, and that you can hear the difference. He had also tried the

replacement antenna with a coil, but can't say whether or not it helped. Jerry has ordered the MFJ 308 converter to upgrade his car setup, and will move the 304 into his pickup. Let us know how it works, Jerry.

I tried to do some homework on the above converters, but there isn't much info on them in my radio magazine library. Both cost under \$100; all mounting hardware is included, but you have to pay extra for an owners manual. (?) The difference between the two models is that the 304 has four bands (19, 25, 31 & 49 meters), while the 308 has eight (as above, plus 13, 16, 41 & 60 meters). Both run on 12 VDC. For further info, write to MFJ Enterprises, Inc.; Box 494; Mississippi State, Mississippi, 39762.

The other letter I received was from Bill Harrington of Trenton, NJ. He passes along a copy of Radio Nederland Receiver Shopping List, which I believe is available free of charge by writing to the station (Box 222; 1200 JG Hilversum; The Netherlands). Here's what they say on SW in the car: "Several listeners have requested we give details of converters for car radios that cover...the SW bands. These are limited in both number and performance. Interference from car ignition systems rules out all but strong signals while driving, and antenna possibilities are limited...Converters that connect up to a conventional car radio, and are tuned on the ordinary set, mean you'll have to 'feel' your way around the dial. This can be difficult for someone with no experience. None have SSB." Included are reviews of two European-made converters, one by Becker, the other by Grundig, which operate on 13, 16, 19, 25, 31, 41, 49, 60, 75 & 90 meter bands; and the publication lists a few car stereo units that cover the 49 meter band, which "are generally sold in central Europe (Holland, Germany, Austria, Switzerland, Belgium) where holiday listening within a 1000 km radius is possible."

Bill goes on to say that he tried a few times to listen to a portable in the car, but seems to have little luck with that.

I'd like to thank both gentlemen for the useful information.

In closing, I'd like to wish all a happy holiday. I'm looking forward to receiving tons of contributions in the forthcoming year! Until next time, '73's,

Paul

By 3 p.m. and often earlier, signals from Asia/Bangladesh/Pakistan gain strength in an East African listening location. Dakha's English program from 1230-1300 is regular on 15525. Strong Sri Lankan frequencies are usually the first to be heard, most notably 5020 and 4902 and 4870, with Colombo's English news excellent on 4940. Malaysia on 4845 goes without saying (I remember struggling for this one back in Washington!) Nepal, on 5005 also booms in, with English news and weather leading up to 1500. Madras on 4920 holds out well into the evening. Going down the band as darkness falls, Medan peaks and fades on 4764. Kabul remains fairly strong throughout the evening on 4740. Urumqi is strong on 4735. Ujung Pandang is strong, albeit of late plagued by RTTY, on 4719.

On 75 meters, AIR Delhi's English news booms in at 1530 on 3905 and 3925. On 4002.6 Padang has news at 1530 and peaks nicely at times. On 90 meters, I experience one of the drawbacks of the SONY's drawbacks -- overloading. Switching to low sensitivity is necessary to avoid DX mush, yet this also loses you a lot of good threshold sunset DX.

By 6:30 PM Nairobi time, just about nightfall, the regional Africans are booming away. Radio Candip is starting its climb in strength on 3390//5066 with the latter consistently the best. Radio Uganda's 5026, Burundi on 3300, Rwanda on 3330 and Madagascar's consistent 3287 and 5010 are the standouts. Sudan on 5039 is usually marginal, while Tanzania's 5050 and 4785 are local level, as is Djibouti on 4780. Always dominant on 4853, Yemen usually blocks out chances for Palembang on 4856, but sometimes the latter comes through. By 1600, Sarawak on 4835 has chants from the Koran. Just 5 kHz below, Bangkok holds forth. Azad Kashmir Radio/Islamabad on 4790.4 is noted of late. TWR Manzini is a familiar voice for me on 4760, and brings back memories of the day I helped erect the station's first antenna in 1974.

By 1615, 60 meter Indonesians and South Asian are fading. My attention turns to 90 meters. But the 2010 still has to be on low sensitivity, or on high with RF down to avoid overload. A good test of the SONY is Comoros, lately on 3330.7 battling it out with Kigali. Both the SYNC control and USB do fairly well in separating the two. Ultimately, however, Kigali is too strong and too close. Zambia enters at 1615 on 3346, as does Malawi on 3380 and Zimbabwe's 3396 outlet.

Back on 60 meters Chad, at 1615 on 4904 is winning the war with Colombo just 2 Khz. below. Mozambican channels are always strong in Nairobi, with 9618 and 11818 the standouts, along with 4735 and the usual 90 meter frequencies.

Perhaps the most frustrating thing about listening in East Africa is Angola. I recall in Swaziland ten years ago not being able to hear more than a few Angolan regionals (which at the time were using much lower power). Here in Nairobi, this trend continues with East African, Asian and Mideast stations virtually making Angolan reception impossible.

Anyway, if you ever have the opportunity to live overseas or travel for any length of time, a multitude of listening miracles awaits you!

So there you have it. And this comes from a man who actually walked out of our publishing headquarters totally uncorrupted in spite of all our efforts. The man who trusted me with maintaining his Hq180A whilst he was overseas. The man who promised me one of those neat African shirts he wears when he's in the states so people will know he's been to Africa. All kidding aside, Dan is more immersed in our hobby than any ten of us put together. His information on the 2010 feeds into my feeling that the Sony 2010 is one of the most important receivers produced in recent memory. With the holidays coming I am sure more than a few of these rigs are going to show up under the Christmas tree. With this in mind you can bet that down the road we will hear much more about this radio. Maybe even from other lands that we only reach through radio.

May the holiday season bring you joy and peace and good DX

73.

Ship


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WITH '/'? ;ER$(X%)
340 INPUT"WHAT DID YOU SEND WITH YOUR REPORT (XXX FOR NOTHING; SEPARATE EACH
WITH '/')? ;ES$(X%)
360 ?:"REPORT ";X%;" IS NOW IN.":?"PRESS ANY KEY TO
CONTINUE.":POKE-16368,0
380 IF PEEK(-16384)<128 THEN 380
400 POKE-16368,0:CALL-936:NEXT
420 REM NOW THAT ALL DATA IS STORED IT IS TIME TO PRINT IT ON PAPER
440 CALL-936:SP$:CHR$(4)+"PR#1":EP$:CHR$(4)+"PR#0"
460 ?"PREPARE PRINTER NOW.":?"PRESS ANY KEY TO CONTINUE.":POKE-16368,0
480 IF PEEK(-16384)<128 THEN 480
500 POKE-16368,0:CALL-936
520 ?SP$:REM TURN PRINTER ON
540 FORX%=1TONR%
560 ?C$(X%);" ";S$(X%);" ";F$(X%);" ";D$(X%);" ";JF$(X%):IF VS$="XXX"THEN600
580 ?"V/S ";VS$(X%)
600 IF ER$(X%)="XXX"THEN640
620 ?"W/ ";ER$(X%)
640 ?"IN ";TX(X%);" DS. FOR A ";L$(X%);" RPT.":IF ES$(X%)="XXX"THEN680
660 ?"AND ";ES$(X%);"."
680 ?(");N%);"?:?"NEXT
700 ?EP$:REM TURN PRINTER OFF
720 CALL-936:END

```

Erich Schulman (KTN4CA)
 324 East Drive
 Oak Ridge, TN 37830

~~~~~

Your Computer Corner Editor wishes you  
 all a MERRY CHRISTMAS and the best for  
 the coming NEW YEAR.

~~~~~

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NASWA Awards Program

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

A busy month, with 11 individuals picking up a batch of Awards. So to it:

Robert I. CATE, Bow, NH: Senior Time Station DXER

Richard DAVIS, Portales, NM: Australian DXer; Senior Radio Moscow DXer

Delbert M. FYE, Miami, FL: Tropical Band DXer

David B. JONES, Virginia Beach, VA: World Wide DXer, All Continent QRP DXer (50 kw)

Steve LARE, Holland, MI: Australian DXer

Terry PALMERSHEIM, Columbia Heights, MN: Papua New Guinea DXer; Senior Time Station DXer; Australian DXer; Senior Radio Moscow DXer

Andreas SCHMID, West Germany: European Continental DXer; European Continental DXPert; Senior DX Centurian; DX Centurian; World Wide DXer; Asian Continental DXer; Arab World DXer; Arab World DXPert; South American Continental DXer; Ecclesiastic DXer; Senior Ecclesiastic DXer; Senior British Commonwealth DXer; Tropical Band DXer; All Germany DXer; African Continental DXer; Emissora Nacional DXer

Roland SCHULZE, West Germany: South American Continental DXer; North American Continental DXer; Ecclesiastic DXer

Nobuaki Takahashi, Japan: European Continental DXer; Soviet Sphere DXer; Arab World DXPert; African Continental DXPert; Master British Commonwealth DXer; Australian DXer

Joe TALBOT, Red Deer, Manitoba: Australian DXer

John M. WILKINS, Wheat Ridge, CO: Arab World DXPert; Tropical Band DXer

KAP'S KOMMENTS

The German DX Club, ADDX, has a very nice Awards Program that complements our NASWA Program. For full information, an IRC or 2 to Andreas Schmid, ADDX Awards Manager, RaBthaler 13b, 8731 Ramsthal, West Germany will do the job. These Awards are available to DXers worldwide, membership in ADDX is not a prerequisite.

Another club whose Awards are available to non-members is the venerable International Short Wave League (ISWL). Clifford A. Tooke, 6 Chelmer Avenue, Rayleigh, Essex, SS6, 7TB, England is the Awards Manager and again an IRC or 2 will get you details.

Any overseas club who wishes their Awards Program mentioned in this column should send me a note describing what is available. Listings will be made on a space available basis. Such Awards must be available to non-members and be SWBC oriented.

This is our last column for 1985. We hope you enjoy our efforts, comments, criticisms, etc are always welcome and encouraged.

To all, a Merry Christmas and Happy Chanukhah.

BEST,

11/20/85

DX-PEDITION, MINNESOTA STYLE

by Ray Niekamp

It's easy to start asking yourself questions when you try to muscle 50 feet of antenna wire through a dense, brushy woods. Questions like, "What in the world am I doing here?" But at least the weatherman was wrong, and the rains never came. Conditions were actually reasonably good for this year's annual fall DX-pedition of the Minnesota DX Club.

Aside from the natural barriers to stringing a straight wire, our setup is one that might be envied by many other DXers who are prone to "rough it" during their excursions. MDXC president Bob Gundersen built a garage to store his sailboat on a lake about 45 miles south of Minneapolis, and when it's DX-pedition time, the boat moves out, and we move in. Bob saw the shortwave possibilities during construction, and as a result, the garage has a shelf along one wall to perch receivers, pass-throughs for antenna wires at convenient intervals along the walls, plenty of grounded electrical outlets, and a wood-burning stove. You can't ask for much more.

Eight members showed up for this year's outing, with a potpourri of equipment from a Panasonic RF-2200 to a Drake R-7, and various antenna tuners, audio filters and tape recorders. Some had definite targets that night, others were content to enjoy much quieter shortwave conditions than are possible in a big city.

There was some decent African DX in the first part of the evening. But while some DXers added new stations to their totals, no one was adding new countries. And things went downhill from there. Some were discouraged and left long before the dawn arrived. Others curled up in sleeping bags on the floor. All that good DX out there was left to me, who stayed at the dials through the night. All that good DX is still out there.

The morning saw the few who hung on pull down antennas and pack up cars in the chilly, foggy first light of day. I wound up sleeping most of the day, and accomplished none of the household chores planned by my wife, who by now was just a bit put out by this whole thing.

Looking back, the DX-pedition was still fun, but there were a few lessons learned. For instance, despite the dense woods, there should still be adequate time and planning to set up a proper antenna. There was enough daylight and a crude ladder to get an aerial high enough, and enough trees to support it in almost any direction on the compass. No excuse for tossing a random wire over the nearest branch. Definite targets would help, too. We stumbled across most of the good stuff, and I'm sure a lot of good listening was missed by not planning our listening time better. But just being out in a new location, enjoying the camaraderie of like-minded people, and hearing a few new ones, makes it all worthwhile. Sure, I'll do it again. Watch out, Burkina!

THE CALCULATING SWL -- III

A very useful SWL listening technique exploits the use of what has been called, somewhat ineptly, 'grey-line' reception. A happier terminological formulation would be either 'twilight' or 'terminator' reception. Whatever the name, it indicates the occurrence of enhanced reception in the band of twilight (which serves to separate night from day -- this is also called the terminator) that happens to extend from the transmitter to the receiver. The term 'grey-line' is unsatisfactory, in the first place, because the word 'grey', though somewhat suggestive, does not accurately indicate the physical phenomenon involved, which both 'twilight' and 'terminator' do very well. In the second place, the word 'line' is downright misleading because twilight is the gradual giving way of day to night, or night to day; the gradualness of this phenomenon is due to the scattering and refracting properties of the atmosphere.

To begin, we must have the following pieces of information: the latitude and longitude of the receiver (laR and loR respectively) and the declination of the sun for the day in question (DEC). By varying the target latitude or longitude we may derive the corresponding target longitude or latitude and so trace the terminator as it extends over the surface of the globe. We will also need 'laT' and loT which are the latitude and longitude respectively of the target point. 'Dlon' is the longitude of the target point as measured from the receiver longitude. Latitudes north of the equator are positive, while southern latitudes are negative. Longitudes west of Greenwich are positive, while those to the east are negative. 'Dlon' is positive if measured to the west and negative if measured to the east. The declination of the sun can be obtained from an ephemeris (nautical or astronomical) or from a standard almanac (such as the 1985 edition of The World Almanac and Book of Facts in which this information, and much else besides, is found on pp. 736 - 747). With this information at our disposal we are ready to essay the first two equations:

$$\begin{aligned} 1) & \quad \cos(T1) = -\tan(\text{laR})\tan(\text{DEC}) \\ 2) & \quad \cos(T2) = -\tan(\text{laT})\tan(\text{DEC}) \end{aligned}$$

We are now ready to calculate Dlon:

$$3) \quad \pm \text{Dlon} = T1 \pm T2$$

'Dlon' is really two numbers found by the successive sum and difference of T1 and T2. The sign of Dlon is left as is if the receiver is on an evening terminator, but reversed if on a dawn terminator. The intersection of Dlon with laT will give the location of the terminator at that point. Likewise, if we are given laT and DEC, we can vary Dlon to find successive laT-s:

$$4) \quad \tan(\text{laT}) = [\cos(\pm \text{Dlon} \pm T1)]/\tan(\text{DEC})$$

Warning: when DEC = 0, equation 4 becomes undefined. For two reasons this should cause no concern. First, in the real world the declination will almost never happen to be zero unless you happen to have a local sunrise/sunset on an equinox. Even in this unlikely event, all this means is that Dlon = 0 and the terminator is coincident with loR and $180^\circ + \text{loR}$.

Finally, we might wish to determine if and when a connecting terminator is possible between two locations. The following equation comes to the rescue:

$$\begin{aligned} 5) \quad \tan(\text{DEC}') &= [\sin(\pm \text{Dlon})]/[\tan^2(\text{laR}) + \tan^2(\text{laT}) - 2\tan(\text{laR})\tan(\text{laT})\cos(\text{Dlon})]^{1/2} \\ \text{Sa)} \quad \tan(\text{DEC}) &= \tan(\text{DEC}')\text{sign}(\text{laR} - \text{laT}) \end{aligned}$$

'DEC' must not be more than $+23.5^\circ$ nor less than -23.5° for a connecting terminator to exist.

Interestingly, there will be four occasions during a given year on which a terminator will connect a receiver with a possible target point: this is due to symmetry. All declinations occur twice a year, thus producing the same terminator orientation twice a year. Further, a dawn terminator connection at a given declination will be an identical evening terminator at the same declination but of opposite sign; likewise, an evening terminator connection at a given declination will be an identical dawn terminator at the same declination but of opposite sign.



Listeners Notebook

GLENN HAUSER, BOX 490756, Ft Lauderdale FL 33349

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A F G H A N I S T A N R Afgh ES to Eu 1730-1930 now on 6020 & 5900; 1730-1830 in Pashto & Dari, half hours in GM, EG at 1830 & 19 resp (WBI 7/11)

A L A S K A KNLS hrd on 26/10 on 7355, and following days at 1640-1730 in RS, 1730+ in EG w/swing mx, relig pgms to 1852; best SINPO was 35443. No longer so much QRM from R Moscow in GM on 7360 (Roland Schulze, FRG 2/11)

A L B A N I A R Tirana, 12/11 0015-0027* on 7170 (Todd Hauser, Bicknell IN) Nice to hear from a rare namesake DX listener who knows how to spell Hauser correctly, hi. But need more details in your reports; was this EG to NAM on a new fq? (gh) R Tirana, undated 1200-1228* on 14620, GM talk on Hoxha, 2 x 7310 harmonic (Edward Stone, UKOGBANI, Nov DSWCI SW News)

A N G O L A R Unita noted P-F levels on 4934 18/10, from 2000 to 2145; didn't note s/off. In PT & M & W hosts of mx show w/mix of Afro and Eu/Am mx; pop such as Tina Turner and Boy George (also Bob Marley--he's not pop!); W talking on phone, don't know if with listeners or remote interviews (Maxfield Greenwood Sedgwick ME) Sure about that ID? Clandestine?

A L G E R I A [oops] On 9640 closing EG 2024-2030, "You have been listening to R. Algiers"; hvy Vatican splatter from 9645 2/11, SIO 222; no //noted (Richard A D'Angelo, Wyomissing PA)

ARGENTINA, Last Minute Info

A U S T R A L I A [Cf Nov LN-21; they've changed again!] RA 'Talkback' is on a new sked from 8/11--Fris 1600 [sic], Sats 0310, 0810, 1240 [sic], per same on 27/10 (Gerry Bishop, Clark AB, Philippines) Really 1610 and 1230 (gh)

A U S T R I A Austrian Army Training Transmitter (Schulungssender des Österreichischen Bundesheeres)--I am very puzzled that no info at all about the new 90mb outlet could be found in SWN up to now. Early in April I read that stn operates // 5035 on 3378 too. Checked fq, found no trace, considered it hoax. It was not. In Apr it tested on 3378 for only a short period at beginning of each xmsn. I hrd stn a half hour prior to offl s/on on both fqs, both ancd, w/mx pgm, then regular pgm started and after half an hour the 3378 outlet went off and only 5035 was ancd. Apparently these tests were successful and some weeks later SSOB started to operate both fqs during whole xmsn period, as at present (Roland Hüller, Austria, Nov DSWCI SWN) We might hear it in mid-winter in NEU --WRTH gives sked as 0930-1430 Mon-Fri only (Noël R Green, UKOGBANI, DSWCI ed)

BELGIUM [Cf Nov LN-21] RTBF on 9900 is not new fq; first noted March 85 in FR 19-2105* Sat/Sun, also Wed, but not every week; again 2/10 w/sports; BRT in DT same time on 9905 (Ernie Behr, Kenora Ont)

BENIN [Cf Nov LN-29] Oops, blush, I miswrote that I never logged Benin on 4870 (whew!) What I meant to say is that this stn has been so totally regular & with solid signal, that I never have not noted it on 4870; and, to that, my compliment to R Benin--it's a rare quality on the tropical bands (M Greenwood)

BOLIVIA R Illimani, 4945 is currently the strongest 60m sig here at *09 --yes, even stronger than CH[ina?] on 5040 & 4840. S/on generally has about a 2-minute spiel on fqs, powers, and other info, then into local mx. Never hrd a Bol at this level before; usually SIO 454, sometimes 554 (Gerry Bishop, Clark AB, Philippines, 4/11) Vy close to antipodal (gh)

R Santa Ana, Yacuma, msgs & RRTY [sic--RTTY QRM?], 4 & 5/11 2315-0030 on 4748.8 (Juan Carlos Codina, Switzerland, and S Nuzzi, Italy, Play-DX) more, LMI

BOTSWANA On 7255, 2/11 *0356 w/familiar barnyard IS; noted hams talking about it. Choral anthem 0358, ID & fq anmts, ancd //s 4820 & 5955 not hrd. As they began mx one ham said "Oh god, there goes the music" SIO 3+53+ but hams lowered that to 3+33. The tone of the conversation leads me to conclude that these hams frequently converse around Botswana's s/on (Richard A D'Angelo, PA)

BRAZIL Following stns hrd regularly here after reorganization: 5955 R Gazeta, 6000 R Guaíba, 6010 R Inconfidência, 6020 R Gaúcha, 6030 R Tupi, 6040 R Clube Paranaense, 6090 R Bandeirantes, 6120 R Globo São Paulo, and 6135 R Aparecida. All good in 0830-0930 range, but 6020, 6030 and 6090 wiped out at 0900 by RN, AFRTS, and HCJB s/ons, respectively (John Wilkins, Wheat Ridge CO)

R Tupi, 6030 hrd vy well before AFRTS s/on, 0800-0900 w/nx, wx, coffee ads, other misc wake-up fare, occasional song; TCs for GMT-2 noted on this and other ZY stns; guess they're trying DST. R Nac Tabatinga 4815, hrd 13/10 1026-1100 w/variety of ZY mx, time & temp chex; TCs were GMT-4--is this their regular time or DST? Pgm name sounded like "Serta Amazônia", VG signal (Wilkins, CO)

R Record, S Paulo, hrd on all 4 xmtrs since 5/11, from 2230 in PT on 15135, 11965, 9505 & 6150, the latter ex-6055. More ZYs hrd on new fqs 5/11 from 2230: R Guaíba on 6000, R Gaúcha on 6020, both good, and a weaker unID on 6040, prob R Cl Paranaense. Several ZYs noted earlier on newly assigned fqs in 49mb, but did not have time to ID any of them; 18/10 at 0100 PT sports on 5955 5970 6010 6030 6120 6150; only 3 were clear: 5970 6010 & 6150, others in QRM. A stupid shuffle of fqs by some DENTEL bureaucrat, who apparently had nothing else to do (Ernie Behr, Kenora Ont)

R Aparecida, 11855, full-data QSL card in just 21 days. Picture of building that houses stn, PT report & 2 IRCs. Pre-printed card in EG altho details typed in PT (Richard A D'Angelo, Wyomissing PA)

R Liberal, Belém, 3325, hrd 22/9 0322-0327; R Equatorial, Macapá, 3375, 0327-0338 22/9; R Educação [sic] Coari hrd 0151-0202* 20/9 ex-2490 (Ravin G Sewdien Suriname, Play-DX)

VOA Brasília since 29/9: SP to SAm 250 kW 11-14 15385 17885, 01-03 9580 17710 (Robert Jones, Nov ADXN)

CHAD R Mondou, 5288.7v, 0455 29/9 IS, s/on 0501, 0522 ID, Af folk-mx, 23322 (Roland Schulze, GFR, Nov DSWCI SWN)

COOK ISLANDS [Re Nov LN-22] RCI is still on the air and on 11760. At this exact moment, 0655 12/11 I am listening to them; 0630 had EG nx, then pop mx, EG anmts, into Island mx w/Maori anmts at 0645; G level, almost no het or QRM. Also hr them often on MW 630 kHz at a later hour; usually a little before Hawaiian dawn gives best reception, 15-16 UTC (Chuck Boehnke, Keauu HI)

COSTA RICA R Impacto now on 6160 w/F sig at 0230 7/11 (Christos Rigas Chicago IL) Juan Carlos Agüero, v/s at R Impacto, in a recent letter, says RI had been 'doing some tests' on the 49mb, i.e. trying different fqs; reasons for this not clear; also says reason for stn not being good QSLer is, as one might expect, budgetary. He also gives sked for R Univ de CR as 13-04 on 6105; R Nac 6035 and R Nueva Victoria 6082 are inactive on SW, currently MW only (Wilkins)

C U B A Reaction to Wilkins' [sic] criticism of RHC for use of more than one fq in one band: why single out RHC for use of multiple fqs in 49 or 31, or any other band for that matter? Why not include France, W Germany, USSR, USA, GB, and Taiwan (using WYFR)? I found all of these except DW using more than one fq at 0000 15/11 on 49m; and at 0200 DW fell into the same category. What has happened to all the good DXing from LAM on 49m? Here's part of the answer right here. It happened B.C.--before Cuban expansion in the 49mb (Marlin Field, Hillsdale MI) I'm surprised you seem to be defending RHC; it was Ernie Behr complaining; the point, I think, is a matter of degree and overall signal strength; and here he is with more: (gh)

R Moscow relay on 6170 was splattered over half of 49mb several nites, 31/10 & 1/11 w/noisy broadband signal covering entire range from 6110 to 6200, obliterating VOA, RN, BBC, CBC. RM relay moved to 6000 on 4/11, but by 0300 5/11 audio was gone & hi-pitched buzzing noise covered whole segment from 5990 to 6040 wiping out all other stns. On 4/11 RHC added another hi-power xmtr on 5970 in SP // 6060, and EG on 5980 has apparently increased power, //6090 6100 6140. With at least 7 Cuban xmters now on 49m, the entire band has become a garbled mess, but strangely enough we have not hrd any complaints or comments from other SWLs about this outrageous situation. Is nobody else bothered by this, or are people afraid of Fidel's blacklist or something worse? (Ernie Behr, Kenora Ont)

Once again there is EG from Cuba on MW, tho not much; since early Nov the hi-power xmtr on 1160 kHz has been reactivated, this time as R Taíno, ostensibly for tourists and visitors to Cuba; mainly SP but has EG nx segments, IDs, etc. in regular sked of 12-23 UTC only; at least twice, 20/11 & 25/11 UTC stayed on into the evening w/spl pgms & should have been well hrd in much of NAM, KSL & WJJD permitting (gh)

C Y P R U S T U R K I S H R Bayrak 2nd pgm on AM & FM, and 6150 SW: 10-1130 EG, 1130-1215 GK, 1215-1230 EG, 1730-18 EG, 18-1830 GK, 1830-2100 EG (WBI 31/10)

C Z E C H O S L O V A K I A R Prague ancd 8/11 1630 in EG it was introing a phone-in facility for listeners for pgm comments & on int'l issues. The Ansa-phone [sic--why not Answer-phone?] line'll record msg to be dealt with straight-away. To keep costs down, think over what you're going to say first, then dial, country and city codes, and 26-00-08; include name and addr (WBI 14/11)

C H I L E Like a lot of SWLs, I usually send 2 IRCs, but I received a verie for R Agricultura from Carlos Toledo Verdugo saying he needs 3, and he also is QSL manager for R Nacional de Chile. His addr: Casilla 166, San Fernando, VI Región, Chile; per rubberstamp, that's also the addr for FEDERACHI, = Federación de Clubes de Radioaficionados de Chile, Departamento de Radioescuchas (Max Henschen, Indianapolis IN)

E C U A D O R LV del Upano, 2/11 on 5038.8 w/LAM mx, relig talks, ID also as "Radiodifusora Cultural" w/moderate 33232 signal (Roland Schulze, FRG) Time? Voz del Upano, 5039, has much stronger sig lately; hrd 27/10 to 0139*, Mon 4/11 to 0315*; closes w/NA, then ID & a song (Ernie Behr, Kenora Ont)

The only correct addr for Cadena Radial Ecuatoriana, CRE, Guayaquil, 4766.6 kHz is currently Avenida Boyacá 642, Guayaquil! (Sergio Nuzzi, Play-DX 21/10)

John Beck didn't mention HCJB moving to 9870 until well after the fact; the first I hrd about it was on gh's SWLD DX report! 21/10 I checked fq and found they were co-channel VOA until 0400--not much of an improvement; but following day during DXPL VOA was either gone or inaudible (Norfolk, OKC) Depends a lot on prevailing condx, whether VOA skips out (gh) Some HCJB D85 skeds: EG NAM 12-1530 15115 17890, 11740=until 1430; 0030-0130 & 05-07 11910; 0030-07 9870, 0030-02 15155, 02-07 6230. SAm 12-1530 15115, 0030-0130 11910. Eu 07-0830 98 60 6215, 19-20 & 2130-22 17790 15270. SPac 07-10 9745, 07-11 11925 6130. (DXPL 21/10 via John Norfolk, OKCOK) On DXPL 23/10 he also FR to NAM was on 15155 at 00-0130. HCJB to Eu at 07 ancg 6210 instead of 6215, not audible here 9/11; finally went from 6095 to 6230 12/11 (John Norfolk, OKCOK)

E Q U A T O R I A L G U I N E A Bata on 5004 2/11 2120-2159* w/nice sig, lively blend of SP vocals & instls until ID 2150 followed by L-O-N-G anthem. Malabo on 6250 also noted at good level today and 22/10 with 2204* ID & anthem (Richard A D'Angelo, Wyomissing PA)

FINLAND R Finland Pgm Director Keijo Savolainen spoke in GM 2/11 1015 opening new xmsns in that lang, the first since the 1940s, short weekly experimental bcs at first. Also per Yleisradio in Finnish 1030 30/10 its funds are reduced as the surplus is smaller than last year (WBI 7/11)

FRANCE From 29/9 RFI is on MW 738 kHz for the Paris region, carrying the world svc 04-23 with these exceptions: 1130-12 Spanish to LAm; 16-17 Paris Calling Af in EG; on Sundays: 0830-10 Parfums d'Afrique --cooperation pgms, 10-11 relay bcs [of what?], 14-15 relay of SP & Creole pgms to LAm/Carib; 15-16 relay bcs. RFI produces 42% of its bcs in foreign langs; MW relays in PT & GM to be added subsequently. Prsident-Director General of RFI M Jean-Noel Jeanneney pointed out that the 738 kHz svc was not competing w/other R France channels; RFI bcs total 530 hours weekly in FR and 147 in EG, PT, Braz PT, SP, RS, PL, GM, and now RM & Creole. Besides SW relay stns, there is the possibility of VHF/FM relays, and RFI has pilot xmtrs at Hanover & Berlin as well as cable relays (WBI 7/11) Such as in Qu6bec

Paris Calling Africa for D85 at 16-17: 11705 17620 11805 11930 6175 (RFI)

GERMANY WEST DW D85 test xmsns from JUllich site: 06-0955 ANZ GM 15225. 10-1120 SEu BG/RM 9770 ex-9640. 12-1355 Af GM 17740. 14-1555 Eu GM 6040. 16-1955 Eu GM 6075. 20-2050 SP Spain 6120. 21-2150 EAs EG 9670 ex-6185. 00-0155 SEu GM 7130. 02-0250 SAs EG 7285. 0330-0550 Af SH/EG/FR 6135 (via Eric Falkenhan, Baltimore MD) See also SRI LANKA

GHANA GBC-2 on 3366 6/10 2206-2306* w/4 Rod Steward selections in 25 mins. 2230 ID, inspirational talk to 2243 ID as "This is Radio 2, the commercial service of the Ghana Broadcasting Corporation" 2245 nx highlights after TC for "quarter to ten" S/off w/anthem; F-G overall (Richard A D'Angelo, Wyoming PA) GBS on 3366 2/11 2245 w/nx in EG; WRTH says 2200* (Christos Rigas, Chicago IL)

Rxd after 50 days from GBC-2, Accra, 3366, a QSL card w/all data; they have a new 50 kW xmtr, and gave sked as: GBC-1, local langs 4915 0530-0905 & 12-22, Sat/Sun 0530-22. GBC-2 in EG on 3366 0530-0905 & 1505-22, Sat/Sun 0530-09 only, and on 7295 12-1415, St/Sn 09-15. QSL has a stamp with Golden Jubilee, July 1935-1985 (Roland Schulze, Stuttgart, FRG, 2/11)

GREECE Monitored or hrd-and sked for VOG winter period: 00-0150 & 02-0350 NAM 9905 9420 7430. 04-0450 Arabia/IndOc 9320 7430 7095. 05-0615 Cyprus/Turkey/ME hrd only on 7430. 13-1350 Caf 15630 12105 11645. 14-1450 Tashkent 11645. 14-1450 Arabia/IndOc 9420 7430. 15-1550 NAM 17565 15630 11645. 16-17 Balkans 9420 7430 7095. 1715-1750 USSR same. 18-1850 SAf 15630 12105 11645. 19-1950 Eu & 20-2050 Balkans & 21-2150 Au 9420 7430 7095. 22-2250 Au 9420. 22-2350 SAm 9905 7430. 23-2350 PCZ 9420. ERT via Thessaloniki hrd on 9399 26/10 2054 // 9460 (Christos Rigas, Chicago IL) 12 to NAM omitted; same as 15? Thess on 9460, hrd 27/10 in GK 19-2213*, strong sig beamed west [NW], // 9397.5 weaker in QRM (Ernie Behr, Kenora Ont)

GREENLAND Gr6lands R, 3999, has fair sig some days after 2200; hrd 29/10 w/talks & mx until 2400 f/out, best after 2305 when Bafoussam left; am hearing this w/short indoor wire on SPR4 (Ernie Behr, Kenora Ont)

GUAM 30/10 press release from AWR-Asia says held their ground-breaking ceremonies 11/10 at Facpi Point in Agat. Dr Allen Steele, GM of stn, welcomed everyone who came. Gov of Guam, Ricardo Bordallo, was keynote spkr followed by reps from 7DA Church, org owning & operating stn. When fully opl, stn'll cover an area from Russia in north to Philippines in S using four TCI 611 4 x 4 dipole ants w/two Thomson CSF 100-kW PDM SW xmtrs. In future, plans to add two more xmtrs. Stn expected to be opl in mid-June 1986 (WBI 14/11)

GUATEMALA TGWB LV de Guatemala was back on 6180 at 01-04 w/marimba mx & talks 4/11 & 5/11, strong sig (Ernie Behr, Kenora Ont) Election-time (gh)

HUNGARY R Kossuth, the domestic svc on 540 kHz, and that from 4/11 in order to improve reception, it'd be also on 6025, daily 05-2120 (WBI 7/11) Fq formerly/also used by R Budapest ES to NAM 01-05 or so (gh)

I C E L A N D On 13797 at 1334-1354*(?) w/lots of talk including telephone/remote feeds. Cut in mid-sentence, SIO 353 26/10 (Richard A D' Angelo, Wyomissing PA)

ISBS on 9957 USB no longer has xmsn to NAM at 2015 & 2230; since mid-Oct hrd only at *1855-2011*v, with a short break around 1933; 26/10 to 2012*, 27/10 to 2016* (Ernie Behr, Kenora Ont)

Hrd on 9957 USB 7/11 1901 in Icelandic with news (Christos Rigas, IL)

I N D I A AIR Lucknow on 3205 hrd at 1730-1741* w/ID, nx & commentary by W & M in vern lang; fair sigs 15/10 (Trummel, FRG)

I N D O N E S I A RRI (garbled) Tingat Dua on 2905 at 1040 past 1210, SIO 343, but poor mod. Long periods of just ancr talking w/occl hymn-like breaks of about a min. ID 1159 vy mushy but site seems to be "Gada" or "Gada"; can't find references; definitely Indo (Gerry Bishop)

INDONESIAN RADIO UPDATE

(Oct New Zealand DX Times)

by Percy Hurley

As a longtime listener to the Asians on the lower frequencies in the early morning hours, my notes over the last few months have indicated unusual transmission times for Indonesian stations. The following is a list of the stations most likely to be heard either in the early evenings or mornings NZ Time. Note that Radio Republik Indonesia now 24 hours service.

My observations over recent weeks tend to show that many of the stations shown to signoff at 1600/1700 sometimes extend hours also on Fridays/Saturdays with "Wayang" type programs.

I acknowledge the assistance of the September issue WRTHNL and David Foster of Australia.

I. RRI Stations (All times UTC):

WRTH #	FREQ	LOCATION	TIMES
252)	2350	Yogyakarta	0455-0800, 0955-0300.
19)	2377	Surabaya	0500-0700, 0930-0100.
129)	2390	Cirebon	Closes at 1700.
349)	2433	Palembang	1700-2200.
326)	2433	Banda Aceh	1000-1600. (ex2403 kHz)
499)	2456	Dili	1400-2100. (0.3kW)
*83)	2472	Purwokerto	1700-2200.
33)	2490	Ujung Pandang	1600-2100.
128)	2492	Mataram	Signs on at 2000.
128)	2901	Mataram	1530-2000 (changed freq)
*1)	3204	Bandung	Signs off at 1700.
128)	3223	Mataram	Signs on at 2000. (not //2492)
504)	3232	Bukittinggi	1030-1700.
67)	3241	Ambon	Signs off at 1500.
257)	3250	Banjarmasin	Often hrd at 1900.
130)	3260	Kupang	0425-0900, 1500-2130.
*198)	3286	Madium	1700-2200.
183)	3321	Jember	0600-0800, 1700-2200.
508)	3325	Palangkaraya	0900-1600.
509)	3325	Ternate	1500-2000.
509)	3345	Ternate	0800-1500.
315)	3345	Pontianak	Sign off at 1600.
246)	3355	Jambi	0500-0900, 1400-1700.
286)	3365	Padang	1700-2200.
101)	3375	Medan	0500-0800, 0900-1600.
147)	3381	Malang	0900-0045 (Sun off at 0730).
*209)	3395	Tanjungkarang	0820-1700 (Sun 2200).
237)	3398	Singaraia	1000-1600.
315)	3447	Pontianak	1500-2200.
507)	3798	Gorontalo	1000-1555.
93)	3905	Merauku	Sign on at 2000.
509)	3916	Ternate	0800-1500, 2000-0030.
*92)	3935	Semarang	Sign off at 1700.
297)	3945	Denpasar	Sign off at 1705.
209)	3946	Tanjungkarang	1500-2200. (2.5kW)

*512)	3960	Palu	0900-1530.	
317)	3960	Boqor	Signs off 1605.	
19)	3976	Surabaya	Off at 1700.	
511)	3986	Manokwari	0730-1400, 2030-2400.	
315)	3995	Pontianak	Off at 1600.	
172)	4000	Kendari	0900-1555v, 2030-2345.	
286)	4003	Padang	0945-1700.	
146)	4607	Serui	0800-1700.	
*33)	4719	Unjung Pandang	0855-1600.	
101)	4764	Medan	0900-1600.	
67)	4845	Ambon	Off at 1500.	
514)	4867	Wamena	0755-1210.	
515)	4871	Sorong	2000-2330.	
186)	4900	Surakarta	1700-2230.	
*186)	4932	Surakarta	1000-1700.	
				NB Several stations like Surabaya change frequency only a few kHz. No explanation is known.
*1)	4946	Bandung	1700-2200.	
*252)	5046	Yoqyakarta	0955-0300.	
*505)	5257	Sibolga	1000-2200.	
211)	5451	Biak	Off at 1600.	
*158)	5881	Pekanbaru	0900-1500.	(5kW)
158)	5886	Pekanbaru	1600-2200.	At 1700 on 25/9 was still on 5881
222)	6070	Jayapura	0655-1100.	

Frequencies marked with "*" have all been heard in last week of September 1985.

2) Non-RRI Stations:

These stations were not published in the 1985 WRTH, but were reinstated in the May Newsletter (reprint of the 1984 WRTH list) and updated in the September NL (by David Foster).

Despite the low powers of some of these stations, split frequencies and new operating hours will now allow most of these stations to be heard more regularly instead of during the Moslem's Ramadan.

Several of these non-RRI stations have also been heard with extended weekend hours, eg 2904 RPDT2 station always regular. I am waiting for an Indonesian report form format from Radio Nederland.

3) Other notes:

Bandung replies in about 3 weeks by airmail - verification signed by Dr R Baskara (Head of Station).

Bandiarsasin is still using old cards showing call sign as YDD.

o-o-o-o-o-o-o-o

RRI Sibolga on 5256 hrd 1650-1750+ weak & RTTY QRM but audible. Local mx w/IDs at 1700, 1729 by M in Indo. Surprising considering listed 1 kW more, IMI (Trummel, FRG)

I R A Q R Baghdad on new 9630 w/AR "Saut ul-Jamahir" 1700-2000, maybe ex-9635; also on weaker // 9745 (Ernie Behr, Kenora Ont, 8/11) more, IMI

I R E L A N D R Dublin, 6910v, not hrd in about a month. Used to be every day but now I am wondering if xmtr problems, sporadic bc or what? R Na Gael, 6340, hrd almost nightly, 2300-0500 or so. Usual pgming of nonstop Irish mx. Breffni Community R, 2340, 2 x 1170, hrd very well & regularly; appears to be 24h. Pgm consists of pop, Irish mx, M ancr in EG w/IDs, TCs, etc. Boyneside R North, 2466, 2 x 1233, hrd one day w/F sigs 2100-2300. Pgmng is non-stop pop and EZL mx. Anmts by W on half-hour in Irish. Wicklow Community R, 3024, 2 x 1512, was reported on 3204 in July LN--I suspect, a mistake. Recent logged Irish pirates: Falcon R, 6201, 0900-1200 every Sun; Westside R., 6280, 1st & last Suns; R Sky-wave Intl, 6261, almost every Sun (Trummel, FRG, undated, late Oct?)

I S R A E L Work will begin in the Arava within 6 months at the site where the VOA transmitter stn will be set up. Our correspondent Elihu Ben-On reports that about 150 million dollars will be invested in this project. A preparatory group will arrive in Israel from Washington shortly for another round of talks with the Communications Ministry to finalise various aspects of bldg the stn. The outline contract on bldg the stn will be signed by the end of this year and tenders for work will be issued later. Our correspondent notes that it is clear at this stage that most of the work will be carried out by Israeli workers (V of Israel, Jerusalem, in Hebrew 0500 8/11 via WBI 14/11)

Reshet Bet QSLed in 69 days with a Kol Israel External Svc card. F/D card had nominal 13720 listed, not reported 13725. Latest sked has dropped 13 MHz channel for HS at 1830-2315. Also carries 3 ads--Jerusalem Post, Israel Govt Coins and Medals, and Semana Publishing Co--any other ISWBC stn have ads in their pgm skeds? New fq 9385 hrd at SIO 353 from 1855 w/Isr folkmx, time pips, "Kolyisrael" ID, nx, then return to mx 10/11; only // hrd was 7465 at only SIO 151 (Richard A D'Angelo, Wyomissing PA)

I T A L Y AWR, Forlì w/F-G sig here 14/9 from t/in 2211 til 2228*; EZL religion. If WFRR sounded like this, they might not get so much flak (Chris Bagge Jr, Springfield MA) AWR on 6205 22/10 2144-2156* w/relig pgm to 2154 ID by M-requested reception reports to Italy addr. Ancr said they'd appreciate IRCs and'd return at 0800 in FR; SIO 242. 11/1 on 6205 at 2027-2101* w/ ID at 2031 "You are listening to a pgm in EG from Adventist World Radio". Pgm called Life-styles followed, religious songs, bible readings, casual talk by host Andy ---. S/off requested 2 IRC; gave Italy addr but can't confirm if as in DXLD-1 p 5; SIO 252 (Richard A D'Angelo, Wyomissing PA) AWR, 7130 sent QSL, sticker, pennant, sked, for 1 IRC. New addr in Italy: AWR, Vicca, CP 383, 47100 Forlì (Vizzoni, Play-DX 21/10)

R Calabria Intl, 13630, sent personal QSL letter signed by Vincenzo Naymo, Direttore Tecnico, in 25 days, for no IRCs; Addr: Via P. Sarpi 23, 89042 Gioiosa Jonica; note spelling, G as in George (R Tritto, Play-DX 4/11)

RAI D85 EG: GB 1935-1955 9575 7290 7275. Medit 0425-0440 7275 6165. ME 2015-2045 [sic, actually 2025-2045] 9710 9575 7235. SAs 0350-0410 9710 15330 11905. Japan 22-2225 11800 9710 5990. NAM 01-0120 5990 9575 (via Robert F Reinecker, Coraopolis PA) My god, they bc more EG to Japan than to NAM! (gh)

I V O R Y C O A S T 26/11, new 500 kW xmtr '11 arrive in Abidjan. Provisional delivery took place 4/11 in Paris in presence of MInfo Amadou Thiam, IC & MInfo obtained xmtr from Thomson CSF company. Weighs 80 tons, consumes 1200 kW electricity; can xmit a distance of more than 4 Mm [I should hope so...] 4/11, xmtr delivered and tested successfully in closed circuit at Gennevilliers near Paris. Tue 5/11 dismantling & shipping of xmtr '11 start. 26/11, '11 arrive in Abidjan and be offloaded at its Bingerville site where preps to rx it have been completed. Thomson CSF offls have assured the Minister of meeting the deadline (Ivorian radio, Abidjan, in FR 0745 5/11 via WBI 14/11)

J I B U T I Hrd this on vy good Afro eve on apx 4780.5, using SSB to separate from fierce het; t/in at 0320 to loss of useable signal by 0350; first hearing M going on in lang, Somali strongly suspected, followed by what I call NW Afro mx, that is Arabic/Afro sound that to me seems distinctive to Mali & Upper Volta [sic]. I'm not being pretentious; I really believe this to be a hearable difference, hi. And in my humble opinion, for what's available from Africa, and given its fq, Jibuti is a pretty challenging catch (Maxfield Greenwood, Sedgwick ME, 8/11)

K E N Y A VOK, 9725, had good sig 29/10, from 1800 EG nx, talks & hilife mx past 1930, over QRM; 9635 also hrd at 1930 in Swahili, buried in QRM at other times (Ernie Behr, Kenora Ont)

K O R E A N O R T H R Pyongyang now using 22mb for first time! On 13650, E w/various pgms during day/night, incl EG 0805, 2335, both 16/11; on 13700 E in SP to Ams at 2342-2350 16/11 (Bob Padula, Melbourne Vic)

L A O S Vientiane FS reactivated, hrd 20/10 in Viet at 1200 on 7113; as usual audio way down in dumps; last noted on 7122v (Craig Seager, NSW, ADXN)

LEBANON Since 'Al-'Amal' and the Leb Nx Agcy, which is located in same bldg, have been banned and the Forces Executive Committee has seized the Phalangist R V of Lebanon, only one radio stn is left for the Phalangist Party, The Voice of the Right, on FM from Brummana, directed by Sam'an Karam. At same time, media of 'Forces' Committee have multiplied, with two radio stns, V of Lebanon and R Free Lebanon, plus TV, magazine (Al-Safir, Beirut, in AR 25/10 via WBI 7/11) Recent monitoring indicates R Free Leb MW 1476 still off the air (WBI 7/11) RFL resumed 1476 tho on reduced sked; after nx, at 0545 and going off for few hours, "the radio of the Lebanese resistance" (WBI 21/11) The slogan remains same, customary recorded excerpts from the late Bashir al-Jumayyil's speeches were not carried prior to nx bull (WBI 21/11)

LESOTHO BBC on 6190 hrd 4/11 from *0355 w/IS, ID for "Atlantic Relay", but assume this is from Les; G sig to 0400 WRNO s/on (WBI 5/11) Sorry bout that

LIBERIA LBS receives financial contributions from Head of State. Samuel Doe paid brief visit to LBS in Paynesville 30/10, presenting cheques amounting to \$448,288 to ELBC Dir Gen Mr G Moses K Washington as addl contribution to the 25% salary deduction from employees of govt, public and private sectors, bringing total contrib towards new natl radio stn to \$4.1 million (WBI 7/11)

At 0656 12/11, R ELWA interrupted reg pgming on 4760 and abruptly began to play martial mx; normally carries 5-min nx weekdays 0655; ancr simply gave TCs interspersed w/martial mx and mentd 'more info will follow'. 0736 statement by Genl Quiwonkpa that 'the patriotic forces as of now have seized power', 'our forces have completely surrounded the city' and 'Samuel Doe is in hiding'; this was repeated around 0810. Made regular fq change to 6070 at 0830; 0856 reported on morning's events, then switch to BBCWS nx relay, then more martial mx, religious mx, repeats of previous statements. 1423, bc statement by Col Moses Wright that the First Battalion had now seized R ELWA. Called for joint efforts 'to combat Gen Quiwonkpa and his group'. Repeated several times rest of aftn. 1755 regular change back to 4760; 1900 & 2000 statement by Samuel Doe by which time ELWA'd started carrying trad Lib mx rather than martial; 2030 Back to the Bible, 2115 repeat Doe statement, 12/11 to 2230*. Next day *0530 w/normal pgm; 12/11 & 13/11, ES of relig bcs for Af appeared mainly unaffected by coup attempt (WBI 21/11)

MALAWI Hey, fellow DXers, has anyone logged this on 3380? Disappointed not to detect any hint of it from 0300+ tune in. Is it moribund, elsewhere, ailing, or do I need a new radio? (Maxfield Greenwood, Sedgwick ME)

MALI New fq for RTV Malienne, Bamako, hrd 1/11 in vern, Af folk mx on 4834.8; last reported here via TBS in Sep 84. T/in at 1940 in vern, 20-2015 nx in vern, 2015-2030 FR nx, then vern; 2345 SINFO 45544, maybe 50 kW. 2345 I also check 4783, also hrd but weaker // 4834.8. 2/11 t/in at 1800 on 4834.8 at 34433. SABC South Africa on 4835 is now very weak; 2/11 2000 FR nx on 4834.8 (Roland Schulze, FRG, 2/11) Since 22/10 on 4835, FR //4783, testing new xmtr of at least 100 kW, ex-3380?, VG at 2240 (Giuseppe Zella & Claudio Dondi, Play-DX)

MEXICO R Univ de Sonora, 6115, new addr: Apartado 1817, Hermosillo (Miguel Ángel Rocha Gámez, Mex, Play-DX 4/11)

XERM R México ancd 17/10 2200 in SP that it had been joining a net w/the othr stns of Mexican R Institute, but as of that day'd resume regular xmsns (WBI 31/10)

MOZAMBIQUE R Moz ES in EG on 11820 1079 variable, and maybe also available arnd 9620 9525 4855 3265: 1100 Nx, 1108 'Rovuma to Maputo', 1125-1130 pgm preview; 1800 Nx, 1808 pgm preview, 1810 Rovuma to Maputo, 1825 Songs of Struggle, 1850 topical pgm, 1855 nx, 1858 closing anmt, 1900 off; daily (WBI 31/10) OK, what's Rovuma? Not in my PT or EG dictionaries (gh)

NEPAL Rxd a sked from R Nepal, in local time of GMT +5.45 which says "R Nepal goes on the air every day from 0600 to 1100, 1200-1600 and 1730-2300. On 684, 729, 792 MW, 7165, 5005 SW. Natl svc on Channel 1 and Commercial svc in Channel 2. Ch 1 is 7165 684 792; Ch 2 is 5005, 729 from 0730 to 0915, 1330-

1445, 1830-2000. Pertinent details: Nx in EG 08 & 2030, in NP 07 09 1430 1930 22. ES on 5005: NP 1630-17, EG 17-1730. "Sounds" pgm in EG pop 13-1330 all fqs M-F, mx 1230-1330 all fqs Sat; classical 1230-1330 Suns all fqs. (Gerry Bishop, Clark AB, Philippines)

NEW ZEALAND KIWI R advise they have returned to the air on FM, and SW bcs recommenced w/test xmsns at 0430 Sat 3/8; alt fqs being considered but xmsns'll be irreg while xmters are finetuned and risk of QRM minimised; fqs in use incl 5850, 7340. KIWI R will be presenting their case for free radio to the Royal Commission on BCing, 19/9; write to P O Box 1437, Hastings NZ for further info (Michael, Oct NZDX Times)

OMAN ONA nx agency, Muscat, reported from Riyadh in AR 0850 28/10 that the Omani BCing Svc would begin bc'ing pgms of the Voice of the Cooperation Council from Muscat 1/11 for 8 days, daily 06-08 on MW 1242 & 1035, SW 25 & 49mbs, w/radios of all GCC countries linked up; immediately following this, V of Coop Council be carried for 4 months by Bahrain radio, 11-13 on 612 & 801 kHz. We hrd it 1/11 06-08 on 11890 & 9735, and relayed on certain svcs of Abu Dhabi, Qatar, Bahrain, Saudi Arabia (WBI 7/11)

PAKISTAN On 9465, 10/11 1704-1725 in EG nx & sports, plenty of emphasis on Pak events, read by W; 1715 ID as WS of R Pakistan; comtry to 1720 then Pak mx. Very weak, SIO 151 (Richard A D'Angelo, Wyomissing PA)

PAPUA NEW GUINEA Re Nov LN, have no signs of Pt Moresby here, or NSB on 3925. 4890 sounds much improved the last month; maybe NBC got a new xmtr or fixed what was ailing the old one (Gerry Bishop, Clark AB, Philippines, 14/11)

PERÚ [Cf Nov LN-25] Re official founding dates of some IAm stns-- R Tahuāntinsuyo issued a stn pennant in 1983 which proclaims: "6 Años en el Aire - 1977-1983", even tho I first logged them on 6175 in 1958, 19 yrs before their official opening! There is some confusion on 4965.9; two stns reptd here in Aug, LV de Cutervo by Juan Carlos Codina, and R San Miguel by Toshiaki Sakai [Cf Oct LN-28 & DXLD-1-16] RSM also reptd by others on 4968 & 4698 in Aug; which fq is correct? (Ernie Behr, Kenora Ont)

R Atlántida hrd regularly on 4804.2, ex-4790 since early Nov. G sig, but narrow filter or LSB needed to separate from the ZY on 4805. Daily in 0930-1100 slot. Nice OA mx selections; many "Buenos Días, Iquitos, Buenos Días, Amazonas, Buenos Días, Perú" greetings (John Wilkins, Wheat Ridge CO, 13/11)

A friend and colleague at LV de la Selva, 4825, Iquitos, tells me that stn now has a special fund for answering listeners' reports on reception or other radio matters. This must be one of the few exceptions, since the great majority of Peruvian stns are not accustomed to replying to their cordial and sacrificing listeners, who like foreign DXers write with great hope of receiving confirmation (Mery Blas, Lima, Play-DX 28/10)

The Ministry of Communications has dis-authorized and suppressed operation on 5800, belonging to a cooperative stn; it has not been reported which stn this refers to and I don't know either (Mery Blas, Lima, Play-DX 28/10) Take a look back at Juan Carlos Codina's reports and you'll find one there (gh)

R Nacional del Perú, Lima, is officially assigned the following fqs, many of them inactive: 850 AM, 10 kW on 4985, 15 kW on 6082, 50 kW on 9562, 40 kW on 11914, 15 kW on 15150, 10 kW on 16890 [sic], 50 kW on 21600 (Mery Blas, Lima, Nov, Play-DX 18/11)

IRCs are synonymous with problems in Perú's provinces, as R Quillabamba has previously confirmed in a reply to a listener. Post offices in the interior do not understand the purpose of the IRC, and refuse to make the appropriate exchange. It seems that the authority of the UPU is conceded only in Lima. So DXers writing to other parts of the country must find some other means of paying return postage (Mery Blas, Lima, Play-DX 18/11) [gh's xltns]

PHILIPPINES VOP, 9578, noted in EG 08-09 most days, but not at any other time; announced Bohol Ave addr for reports; pgm is pop mx and IDs, nothing more. MBS, 3286 is just a week carrier, no audio anywhere on 90m. 6170 still has FM type spurs at 6174 6182 and 6192, and relays 738 (DZFM) during its

entire schedule (Gerry Bishop, Clark AB, Philippines, 6/11)

An unID, but I'm 100% sure it's from somewhere in the Philippines: 3344, 10/11 0640 past 0930, relig pgm, hymns, M talk in Tagalog. TCs in SP correspond to local time. Can't get anything resembling ID out of tape, and covered by Indo after 1000. Not there 11/11. Harmonic? 'd require fund of 1114.67, 836, 668.8, 557.33. In this 'land of almost right' an off-fq opn is common, so I can't rule that out. FEBC used to xmit on 3345, so can't rule out a one-time reactivation, tho no telling why this'd happen. Phone call to FEBC 11/11 was inconclusive; girl who answered spoke vly little EG, hung up (Bishop, 14/11) Persistence pays off: former unID on 3344 is FEBC, Mindoro. A new site, apx 200 km S of Manila. Hrd again 20/11 0758, called FEBC again, got thru to Mr Dick Chase, fq mgr and got the info. Xmtr is beaming straight up, intended for coverage of Mindoro Island by ionospheric reflection. Forgot to ask power, but I'm sure it's low, 2 kW or so. Sked is still erratic; first hrd 10/11, again 17/11, then daily but s/on time varies. Chase said it's supposed to s/on at 0800 (1600 local) but I've hrd it earlier, tho haven't been able to check before 0730 on 18, 19 or 20/11. Reason I got no help from 11/11 phone call is that WRTH 85 has misprint in phone number: correct number is 356512 thru 15. Thanks to operator #8039 (they never give names). Requested QSL & sked (Gerry Bishop, Clark AB, Philippines, 20/11) The stn queried in WRTH Nov NL, DZB-2 at Baco, sked 0830-1030, 3345 (gh)

Interesting to note FEBC relaying local DZAS in EG at 0915 8/10 on 9645; regular ES w/diff pgm on 11890 & 15350 at this time (Craig Seager, ADXN) Relay of DS on 11870 at 0800 in EG & Tagalog, ID as "702 DZAS, it's 4:00", then EG mx; audible from 0700 t/in; not hrd since 8/10 (Peter Bunn, ADXN)

SÃO TOMÉ [Cf Oct LN] Saw Wilkins 12/9 logging of this; his hearing of IS and one-note gong resolve my tentative here, but not noted by me since in sporadic checks (Maxfield Greenwood, Sedgwick ME) Was 4805.5 apx

SA'UDI ARABIA BSKSA tent on 5875, weak AR this fq 16/11 1440-1510+ --Holy Koran to 1510 then M talking, no ID; ute QRM didn't help (Bishop, Phil)

SÉNÉGAL ORTS hrd 20/10 on 4900v at 2400* and also 6 hours later at *0559 on 4899.6a (John Wilkins, Wheat Ridge CO) Varying from 4890 fq, noted on 4892 and once even on 4900 (Maxfield Greenwood, Sedgwick ME, 8/11)

SEYCHELLES FEBA final D85: 0112-02 Tamil 6 MHz bandfq. 0157-0230 Urdu 9670 and 6 MHz. 0230-0245 Punjabi/Pushto/Sindhi same. 0245-03 Pushto/Dari/Farsi 11855. 0257-0330(Th/F 0340) Farsi 11865. 0311-0358 Swahili 9610 & 11810. 0342-0430(Sun 0445, Fri 0500) Arabic 11755. 0358-0429 Sa/Su/M Oromo/Amharic 9610 11790. 0358-0429 Tu-F Tigrinya same but with beam direction of 2 fqs reversed. 0712-0850 Sun EG 15120 17780. 0912-1000(Wed 0945) FR 15430. 1057-1145(Su/Th/F 1200) AR 15405 17875. 1202-1220 Nepali 11865 15325. 1224-1257 Hindi 11925. 1227-1400 Malayalam/Tamil 11865 15325. 1257-1400 Telugu/Kannada 11895. 1400-1458 Hindi 11865 15325. 1457-1530(Mon 1600) EG EAf 11925. 1458-1515 Urdu 11865. 1458-1515 EG SAs 15325. 1515-1530(Mon 1600) EG SAs on 11865 15325. 1530(Mon 1600)-1610 Int'l EG 11925 11865 15325. 1612-1700 Swahili 9510 11925. 1627-1730 Malagasy 9770. 1700-1715(Wed-Sun 1730) Somali 9600 11925. 1731-1833 Oromo/Amharic 9510 11925. 1827-1845(Sat/Sun 1900) PT 6130. 1833-1905 Thu Korean 9545 (FEBA) Same in fq order, see DXLD-2 pp 33-34

SOUTH AFRICA R RSA on new fq not officially noted, many evenings 1930-2030 on 4945, SINPO 44444 (Björn Fransson, Sweden, Nov DSWCI SWN) Sure it's not SABC DS? Langs? (gh)

SRI LANKA SLBC, 4940 hrd 16/11 1608 w/detailed report on AIDS in Af. Ivs w/prostitutes, health offls, researchers; in EG on Educ Svc; 1629 ID, then feature pgm on mx of Benjamin Britten; G sig, no QRM (Gerry Bishop, Philippines)

Re our relay stn on the isle of SL, we haveto inform you that at present all construction works and the test transmissions have been stopped. However, we hope that we will be able to take up work again in the foreseeable future (Peter Senger, DW Hauptabteilung Hochfrequenztechnik, 8/10 letter to monitors, via Eric Falkenhan, Baltimore MD)

S U D A N is propagating at previously unhrd of levels, on 5039, from 18/10. Fine Naf mx, the Afro/Islam amalgam. 2000 M talk in AR. 19/10 the 5040 Russian not on; may not s/on until sometime after 2000. When it is on, via Thilisi, Sudan can be separated using LSB mode. Reception is so improved from Sudan the past two days, I'm not sure yet whether it's a case of increased power or exceptional propagation. Sigs on the band are good today--Mali 4783 & Upper Volta 4816 are above average, 19/10. By exceptional reception for Sudan, I mean at solid fair levels (Maxfield Greenwood, Sedgwick ME)

S W A Z I L A N D TWR Manzini, 9550, from 1930 FR, 1945 Lingala to 2015*, vy strong over jammer 5/11; unsure if new fq (Ernie Behr, Kenora Ont)

S W E D E N R Sweden now has an answer-phone taper, anmt in Swedish, but you can speak EG tips for SCDX into it, at 46-8-784-1517; it operates weekdays 17-07, weekends 24h. However, because of Nobel prize and holiday pgms, there will be no SCDX bc on 10/12, 24/12, 31/12; on 17/12 & repeated 7/1 there will be a review of 1985 media news (SCDX bc 26/11) So no contribs wanted till Jan

S Y R I A Damascus on 9515, hrd since 18/10 at *1800-1830*v in Russian; and on 9950 in AR at 1300-1500* 3/10; must be others' unID at 0230, cf Oct IN-35 (Ernie Behr, Kenora Ont) Syrian R, Damascus, and in AR 1000 30/10 bc to Arab Maghreb daily on 7455 06-18; Eu 11625 05-12 UTC. Our monitoring shows 11625 at *05, 7455 *06; arnd 1000 both carry domestic Main pgm // 783 666 567; 12-13 EG ES to NAM on 11625 while 7455 continues relaying DS (WBI 7/11) Well, 26/11 check stayed in AR 1200-1307* on 11625 incl drama to 1215, then nx after usual theme. Check of other recently used fqs for EG revealed nothing (gh)

T A I W A N VOFC on new 9955 in SP 2300-2400*, 7/11 fair sig w/flutter, prob direct from Taiwan, // 11885 vy strong over R Svoboda in UK lang; and fqs: 9510 9555 9600 9765 11860 11885, but not 9955 (Ernie Behr, Ont) Maybe 9555 mistake?

T H A I L A N D RT noted 16/11 1515 on 4830 w/HS pgm; // 1584 MW outlets w/pop mx, W ancr; 1542-1548 nx; QRmd by an OC which normally dominates fq (Bishop)

U S S R 7/11, Sov radio cov of Red Square parade commemorating anniv of Great October Socialist Rev consisted of live RS report on AUR; also in EG, FR, Std CH on R Moscow ES. Russian, audible on total of some 60 SW channels betw 5900 & 21750, began 0650 on all DS and 5th pgm for Sov seamen & compatriots abroad, which had all linked up at 0630; ended at 0900. RMWS EG comtry 0645-0827 on 31 SW channels. R Moscow Intl FR stayed on beyond normal 0700 s/on[sic] time from Red Square 0650-0815 on some 15 SW fqs, which stayed on until 0900 w/mx. Report in Std CH over a similar period on 9 channels (WBI 14/11)

U A E Dubai, 21605 1050 21/9 DX Corner read by M in EG, 1100 EG & AR IDs, SINPO 45444 (Andreas Pir6g, Denmark, DSWCI) DX Corner? Actually mailbag?(gh) V of UAE, Abu Dhabi, hrd on 9900 w/E sig since 15/10, in AR at *1800-2125*v but gone a week later. RTBF in FR also on 9900 Sat/Sun to 2105*; Qatar & BRT both on 9905 (Ernie Behr, Kenora Ont, 5/11)

U K O G B A N I Spectrum World BCing Xmas 85/New Year xmsn sked: 23/12 to 2/1, all in EG: 6240 24h; 7350 24h w/alt fqs 7400 & 7420. 9962 AM reduced carrier 24h. 11480 24h w/alt fqs 11550 11477. 3905 LSB 0000-0600--this bc may not be available on some days. QSL cards and pennants for accurate reception reports but please encl 2 IRC. Addr is 134 Eastworth Rd, Chertsey, Surrey, England, KT16 8DT (stn via Nov DXers Calling of DX Australia)

BBC on 3907v 1, 2, 3/10 1620-1635: pgm in EG & GM, ID, spur from nom 3955; varies to 3908.4; same on 4002v so it's 3955 ± 47 kHz (Edward Stone, UK and Roland Schulze, GFR, Nov DSWCI SWN)

U S A gh's DX pgm WORLD OF RADIO has an additional SW outlet from 29/11, KCBI, Dallas, 11790, Fridays 2100-2130; also hope to be an evening xmsn once it starts. I hope this will improve reception & reliability for many. KCBI has also resumed its "Radio Connection" DX pgms, M-F 1903 & 2000 on 11790, Suns 1830 on 11905 (gh)

Christian Science Monitor anticipates being to Eu and Af on SW in early 1987, content ranging from nx as in Monitor to elements of several of our present bc activities--MonitoRadio, Conversations, New England Radio Edition. Also plan being material from CS periodicals Sentinel, Herald, Journal. Still not certain complete sked or number of hours per day, but will be publicized extensively in the Monitor; our commitment to print media remains steadfast; simply taking opportunity to reach as wide a range of audience as possible using all media available (David E Morse, Asst Mgr, CS Publishing Socy, 31/10 reply to an inquiry from Martin H Gallas, Princeton IN)

WMLK remains inaudible here, despite almost daily checks using tape recorder and timer (Gerry Bishop, Clark AB, Philippines, 4/11) Very poor here, 26/11 *1843 OC on 15110+, by 1850 earnest intonations of Elder Meyer recognizable, still ancd as testing, past 1900 (gh)

WYFR VG in SP to Mex 0745 on 9705; no sign of XERMX reported running all night (Bryan Clark, NZ, undated, Oct NZDX Times) XERMX AN probably only a few dates following the quakes; am positive that's what I hrd as previously reported; WYFR could skip over here if on then. In any event, may well be another case of gross insensitivity on part of US SWBCers to the minor needs of SW fqs in Mexico and Canada (gh)

KGEI new sked for D85: 6150 14-15 RS 250 kW. 6160 0930-14 RS 250 kW. 7365 RS 02-06 250 kW. 9615 03-04 SP 50 kW. 9635 01-03 SP 50 kW. 15280 2130-22 EG, 22-01 SP 50 kW. 15355 14-16 SP 50 kW. Former Japanese svcs 1130-1230 dropped & now bc by KFBS, Saipan (Bob Padula, RA JP DX Time 27/10)

VENEZUELA

Ever notice the shaded area to the far right of the Ecos del Torbes map QSL card? This area, with diagonal lines is actually part of Guyana from the YV border to the Essequibo River, about 1/2 the area of Guyana. What's the significance of this? Territory claimed by Venezuela?

(Wilkins, CO)



You guessed it. From a visit to Caracas a few years ago, I even have a photo of a floral-design map of the country with the same appendage. I really don't understand why they don't claim Colombia while they're at it (gh)

R Yaracuy reactivated on 4940v; s/on arnd 0955 w/YV NA, Yaracuy state anthem, then pgm "Buenos Días, Venezuela," w/same nice YV mx they used to have (John Wilkins, Wheat Ridge CO) It sure better be Venezuelan--govt recently threatened to start enforcing law of 50% minimum (gh) R Yaracuy, 4940, 11/11 0310-0352* w/ID, romantic vocals incl 2 w/EG lyrics 0324 & 0327 [oh, oh]. 0336 full ID "R Yaracuy en San Felipe"; ancd SW fq, TC, into romantic ballads; 0348 full s/off, 0350 NA, SIO 353 (Richard A D'Angelo, Wyoming PA) RY w/canciones, LAM mx on 3939.7 1/11 0235 ID & TC, SINFO 35443; 0340 OC QRM (Roland Shulze, Stuttgart GFR) Reactivated: 29, 30, 31/10 0145-0200 on 4939.8, ancs 10 kW on SW, F-G (R Borelli, Italy, Play-DX)

R Nacional on new 5010, first hrd 1/11 0245-0358* w/NA; 2/11 t/in 0100 nx, SINFO 35543 (Roland Schulze, FRG) Overmodulated 1/11 & 2/11 0200-0230 on 5010, F-G (R Borelli & Giuseppe Zella, Italy, Play-DX)

R Mara, 3275.2v, 6/10 0215-0325 long talks, varies to 3275.1 (Roland Schulze, GFR, DSWCI SWN) R 980, 3253.5v, 6/10 0110-0135, 1Am mx, pops, gong intervals, 0133 ID, ute QRM (ibid.)

V I E T N A M TNVN, The Voice of Vietnam, Hanoi, 10060, and Bac Thai, 6572, separate full data cards rxd after several f/ups for reports on HS bcs which had been xlt'd by a Viet friend of mine. Hanoi 10060 was for a 15/4/83 report and Bac Thai 6572 for 21/12/81. Guess persistence pays eventually. Also sent small rice painting, skeds, paper pennant and competition info (unID contributor, NZ DX Times, Oct)

Y U G O S L A V I A R Yug on 9620, from 2215 EG, 2230 FR, 2245-2310* IT; E sig 28/10, strongest Eu on band; new 500 KW or unusual condx? (Behr, Ont)

CLANDESTINE CRANNY Min-jung-ui Me-ari Bangsong or Echo of the Masses (not Echo of the People as in Oct FRENEX Update). Just a few comments on their pgming: at 1055 s/on w/ Korean folk song "Arirang" (not a march tho may sound like one to uninitiated ear). IS is interrupted for ID by M ancr as "Min-jung-ui Me-ari Bangsong Imnda." 1100 anmt by same ancr saying bcng from Seoul on 5885; and "as a voice for the conscience of the people Echo of the Masses is making their best effort to bring together the hope of the people and to disseminate the truth of saving the nation." (xlt'd into EG). Then a song is played, title unk. This is followed by pgm p/w by F ancr, nx by M. Format is actually closer to the South's Korean BCing System than the Echo of Hope (or Hui-mang-ui Me-ari). The intonation and delivery of the nx is virtually the same as the KBS ancres. They speak in Korean that is very close to that which is used in SK. S/on anmt is also vy similar to KBS s/on anmt. Remainder of pgm hrd, before f/out was pre-Korean folk mx and contry. Lang of bc entirely in Korean, unlike V of Nat'l Salvation which bc in EG too. S/on should be audible thruout NAM in winter. Hrd here in MD w/poor-fair sigs; have been on air since first part of Sept. Sked is *1055-1400* daily (Bill Harms, Woodlawn MD) Opinion of this Korean-speaker as to stn's accent contradicts that of another, cf DXLD-2-p 10.

V of National Salvation (Korean: Kugukui Sori Pangsong) favors reunif from NK point of view, first hrd 26/8/70, and operated as V of the Rev'ly Party for Reunif til 15/8/85; xmtrs believed to be in NK; sked on 4457 & 1053 is daily 03-05, 10-14 in KR; 14-1430 EG; 15-1630 & 20-22 KR; 22-2230 KR relay of KCBS Pyongyang nx (WBI 14/11)

Radio Kanak It has taken several months for the Nat'l Libn Front in New Caledonia to counter R Nouméa's bc, but on 24/9 a revly radio commenced opn. Bcs are on FM 96 MHz and the stn is located in the centre of Nouméa on a hill. There is some doubt as to how long stn can remain operating. BCs are from pro-independence Melanesian group, and as stn is in centre of urban area which voted against indep for NC, stn is certain for a troubled future. Stn has been funded by Au Teachers Federation, from NZ church groups and the W German "Green" environmentalists party. R Kanak's future is doubtful as the European owner of the house from which the bcs originate, has had death threats and he wants to sell the house to the NLF for \$70,000, as he is no longer prepared to rent it out to them. Police have been called in following a threat to use dynamite to blow up stn as there is not much sympathy for the Kanak cause. There is constant police surveillance of the house while the militants themselves have a 24h guard on the stn. R Kanak began bcng on 24/9, inaugurated by pres of FNIKS. Date is significant because 24/9 is the anniv of the day in 1853 when New Caledonia was formally annexed as French territory. Stn's opening celebrated that event and the separatist stn no doubt will attract a lot of interest in New Caledonia as, till now, the only radio svc has been the govt-operated R Nouméa bcng on MW & SW & FM, and R Rhythme Bleu, the private commercial operator on FM (Arthur Cushen, NZ, NZDX Times Oct)

V of the Khmer At 1140 24/10 xmsn obs on 6325 w/mx, anmts in Cambodian saying test bc of VOK, non-communist nat'l Cambodian radio bcng from liberated zone of Cambodia under leadership of Samdech Norodom Sihanouk and His Excellency Son Sann. Ended abruptly 1400 w/out anmt. Monitoring subsequent days reveals VOK

on 6325 at 05-06, 11-14, 23-24, a sked somewhat similar to that of a stn identically named operating on MW only 1250 since Jan 84, run by Khmer People's Nat'l Lib'n Front. This stn's inaudibility prevents it from being compared w/6325 (WBI 31/10) The 6325 tests not obs 31/10 until the 11-14 xmsn 2/11; still referred to as test. VOK 6325 said it is joint stn of non-communist Cambodian nationalist movement set up by the Nat'l United Front for an Independent, Neutral, Peaceful and Cooperative Cambodia (FUNCINPEC) and the Khmer People's Nat'l Lib'n Front (KPNLF). Regular pgms'd be starting in vy near future, the radio said 2/11. Later anmt 2/11 said listeners could hear 'our two radio stns being to areas near the Cambodian-Thai border on 1250 kHz MW,' thus confirming link between MW & SW stns using same name. First nx on 6325 hrd 0500 6/11, indicating possible start to regular bcng on that channel (WBI 14/11)

Our Radio Ancd in TK 1100 8/11 changes in fqs from 11/11: 05 06 09 10 13 14 17 & 18 on 9585, 21 & 22 on 6200; 1315 & 1745 still on 5915--all Turkish time of UTC+2; experience has shown a similar change is to be expected for companion stn V of the Turkish Communist Party (WBI 14/11)

Radio SPLA Ethiopia, 9600, 17/11 1200-1228: intro anthem, "This is Radio SPLA broadcasting in the 25, 31, and 49 m bands on fqs of 11765, 9600, 5940 and 5945; into nx on summit conf, ended w/"Goodbye everybody" at 1228 (Bob Wilkner & Steve Reinstein, DXSF) Checked 26/11 1200 on 9600 & 5945 and hrd Radio Tashkent on two of its usual fqs, as are, I think the other two. Forced to conclude you have mis-IDed this; R SPLA you previously reported w/EG at 13 on 9600 (gh)

V of Resistance; the Sunday Nation, Nairobi reported in EG 17/11: Mr Kigongo said the NRA [National Resistance Army] stn V of Resistance in Kasese was now opl and people in the 'liberated' zones were now getting info of all kinds. "It is a vehicle of informing and educating the masses of their rights and obligations," he added. Ed note: Mr Kigongo was described earlier in the report as the Chairman of the Nat'l Resistance Council and chief administrator of the area controlled by the Nat'l Resistance Movement. Kasese is near the border w/Zaire some 175 mi W of Kampala. This radio has been rumoured to have been in opn since at least the beginning of Oct, possibly in the 49m band (WBI 21/11)

R Bardai, 6009, still at 1800-2030. The 2300 log must be in error, typo for 2030? Pretty sure QTH is in Libya--see The Ace Vol 2, Issue 12, Qaddafi Stns by M Goetch; *1900 of R Moscow turns this to het (Trummel, FRG)

R Truth R Mozambique, Maputo reported in PT 1400 25/10: A South African radio stn has been being armed-bandit propaganda in a clear violation of the Nkomati Accord, AIM [the Moz nx agcy] has reported. After signing of the accord, which led to the closure of the armed-bandit radio stn inside S Africa [ref to V of Moz Nat'l Resistance], their propaganda campaign was carried out over R Truth. It xmts from the Transvaal and is aimed mainly at Zimbabwe. Most of its pgms call for overthrow of ZANU-PF govt of PM Robert Mugabe. This stn began bcng in March 1983 in EG & various Zimb & Moz natl langs (WBI 31/10)

R Camilo Cienfuegos, 6305, hrd every morn 0845-f/out. Many IDs w/addr in Venez & Spain, pop mx, contry in SP by M & W (Trummel, FRG, late Oct?)

R Caimán [Cf Nov LN-27] My earlier comments should be clarified: I agree w/gh that R Caimán 9960 & LV del CID 9940 are usually on at the same time; however on one or two occasions CID went off the air a few minutes before Caimán opened and returned after Caimán s/off, which may indicate that one xmtr was disabled & they shared the other one. Up here both stns are usually at equal strength, tho CID often has lower mod. There was never much doubt that both are located in CAM, but I wondered if the Caimán ID might also be a deliberate hint at the Cayman Islands, similar to the old R Swan (Ernie Behr, Kenora Ont)

UNIDENTIFIED 3282.2 LAm stn 6/10 0240 LAm mx, impossible to pull out due to very weak sig, LV del Napo? (Roland Schulze, GFR, DSWCI) Doubt it since they used to be stable on 3279.7 (Bernhard Gründl, DSWCI ed.) 3331 African 0340-0407 12/10 w/numerous rock vocals, some anmts in possible FR by M, local vocals; deteriorating rapidly SIO 333-222 (D'Angelo)

5200 Perú? 0328-0354 26/10, varied pop & latin vocals, some talk betw mx selections by soft-spoken M; hard to catch key words (like an ID!) P sig w/RTTY & static (Richard A D'Angelo, Wyomissing PA) 6050 strong AR stn 8/11 0000 AR nx & mx; after 0015 u/HCBJ but still audible past 0100 (Ernie Behr, Ont) Probably Baghdad, cf DKLD-2, tho Bob Hill obs that fq *0100 (gh) 6295 at 0825-0827 after 7440 went off, 0817- 16/11, extremely strong open carrier, white noisy (Bill Coleman, NC) Sounds like spy number stn behavior; any reason to believe this is a bc stn? (gh)

LAST MINUTE ITEMS ARGENTINA R Del Plata, 17/11 1630 on 15780 via ENTEL feeder, F-G (Juan Carlos Codina, Switzerland, Play-DX, Italy, 18/11)

BOLIVIA Postal rates go up 200%, since 23/9, for example, 20 gram letters to SAM went up from 100 to 270 kilopesos; to CAM, 120 to 360 kp. Eu 135 to 405 kp; Asia/Africa/Australia/Oceania from 142 to 495 kp. Add 30 kp for each additional 10 grams. Mailings of 2 kg to SAM went up from 2995 to 8985 kp; CAM from 4640 to 13920 kp; NAM 7100 to 21300 kp; Eu from 8.73 to 25.11 megapesos, As/Af/Au/Oc 9.565 to 28.695 bolivian Mp. Printed matter under 20g was readjusted to SAM from 45 to 135 kp; CAM 50 to 150 kp; NAM from 70 to 210 kp. Eu from 80 to 240 kp; As/Af/Au/Oc 95 to 285 kp. Postcards went up from 55 to 165 kp for SAM; 80 to 240 kp for CAM; 85 to 255 kp for NAM; 105 to 315 for Eu; 120 to 360 kp for As/Af/Au/Oc (Los Tiempos, La Paz, 3/10, via Play-DX 18/11) Probably outdated now (gh)

INDONESIA RRI Natl Pgm, Jakarta: 2158-0100 11865 11770 9680 7270 6045 4774 3277 2332 999; 0100-0458 11865 9680 7270 6045 2332 999. 0458-0800 11865 11770 9680 7270 2332 999. 0958-1500 11865 9680 7270 6045 2332 999. 15-1710 11865 9680 7270 6045 4774 3277 999. [plain uos] Nx at: 2200-2210, 2300-2315 (+ newsreel), 0000-0010, [oh, the 0100-0458 bc above is Sunday only], 0100-0110, 0300-0305, 0400-0410. 0500-0520, 0600-0610, 0610-0615=press rev, 0700-0710, 0710-0800=dictation speed news. 1000-1010, 1100-1110, 1110-1200=nx & comtry, 1215-1300=reportage, 1300-1315, 1400-1410=nx about Jakarta, 1500-1510, 1600-1610, 1700-1710. Certain nx bulls are relayed by many local stns (WBI 21/11)

IRAQ R Baghdad announces EG to NAM on 6050 or 11750 at 0300-0500; 20-21 to Eu on 1710 (Adrian Childs, England, SCDX bc 26/11)

PUBLICATIONS Review of International Broadcasting, Issue 105, is now available, including: Via FBIS, broadcast developments concerning East Timor/Australia, India, Iran, Liberia, Maghreb, South Africa/Zimbabwe, Uganda, USSR/Japan, broadcast violations at RFE/RL; 1986 WRTVH US & Canadian discount offers; Radio Equipment Forum on the Doerle receiver; travellers' power supply problems, stereo AM receivers, proposal to make all radios cover SW, the Mercedes MCI 7600 portable, Domestic Info & Associated Listening w/sports nets, oldies shows, etc. Listener Insights on Programming from too many countries to mention but including DX Sleuth in Burma, Adrian Peterson's account of tracking down the Taunggyi 5060 kHz station; fq sked for new SW stn WHRI imminent; Satellite Watch by Loren Cox on the invasion of the encryptors; and complete BBC WS programming for December; including the numerous holiday specials by time and title. Samples are \$1.50 in NAM, 6 IRC elsewhere; subscriptions \$18 in NAM, \$22/24/26 elsewhere depending on distance, US funds on a US bank with standard US banking code magnetic imprints only, or by postal money order in US\$; from Glenn Hauser, Box 490756, Ft Lauderdale FL 33349.

DX Listening Digest #2 is now available, country by country like LN, and with fq cross reference amounting to almost 1000 entries; and Enjoying Radio, edited by David Newkirk, a wide-ranging forum this time including Periodical of Radio of China, running 7½ pages itself. Samples as for RIB above, subscriptions \$1 less. Those subscribing to both at the same time get a \$2 discount, e.g. \$33 in NAM; order from Glenn Hauser, Box 490756, Ft Lauderdale FL 33349.

LN is now the only US club source we know of for BBC MS info. While the lump sum cost is great, it's only a few cents per member per issue. lucky NASWans!



OSI

Sam Barto
47 Prospect Place
Bristol, CT 06010

ALASKA: KNLS 9670 f/d cd. in 11 ds.
(Anderson).

ALBANIA: Radio Tirana 7065 f/d "Haut
leve L'Esprit Revolutionnaire" cd
in 102 ds.(Anderson). same cd. in
95 ds.(Kremer-SC).

ANGOLA: Radio Nacional de Angola
9535 f/d cd. in 50 ds. for 2 IRCs.
(Levison-PA).

ANGUILLA: Caribbean Beacon 1610 f/d
cd. in 147 ds. for 2 IRCs. v/s Gareth Hodge.(Tutak).

ANTARCTICA: Radio Nacional 15476 f/d cd. in 5 mo. for a SP rpt. v/s Jose
C. Prado.(Field-MI).

ARGENTINA: RAE 9690 f/d cd. in 52 ds.(Anderson).

ASCENSION ISLAND: BBC 15260 f/d personal ltr. w/ station photo in 252 ds.
for 2 IRCs. v/s S. Hurst.(Wilkins-CO). 6005 same in 246 ds. for 2 IRCs
v/s M.R. Watkins, Senior Maintenance Engineer.(Tutak-NJ).

AUSTRALIA: Radio Australia 9580 f/d "Tasmania" cd. in 2 wks.(Bowden-CA).
f/d cd. in 20 ds.(Renfrew). "Aboriginal Actor" cd. in 1 mo.(Bear).
9770 f/d cd. in 20 ds.(Renfrew). 6060 f/d "Woodchopping" cd. in 1 mo.
(Bowden). 11720 via Shepparton f/d cd. in 30 ds. for 2 IRCs. v/s Sue
Duckworth, Correspondence Officer.(Weber-OH). 15320 f/d "Flower" cd.
in 3 wks.(Anderson). VLR6 6150 f/d "Map" cd. in 12 ds. for 2 IRCs.
Also recvd. poster.(Wilkins).

AUSTRIA: ORF 6000 f/d "Skiers" cd. in
60 ds.(Anderson). 9635 f/d cd. in
7 wks.(Bowden).

BELGIUM: BRT 15590 f/d form ltr. in 19
ds.(Niekamp). 9925 f/d "Art" cd. in
1 mo.(Bowden). 5910 same cd. in 5
wks.(Bowden). f/d "Winter-Landscape"
cd. in 60 ds.(Anderson). 9880 f/d cd.
in 1 mo.(Bowden). f/d "Brugge" cd.
in 5 wks.(Bowden).

BONAIRE: Trans World Radio 9535 f/d cd.
w/ personal ltr. in 13 ds. for 2
IRC. via Radio Nederland f/d "Flevo" cd.

QUITO, ECUADOR

Hoy Cristo Jesús Bendice

9:30 Mc

HCJB

Heralding Christ Jesus' Blessings.

IRCS. v/s Sally Rork.(Weber). 6020 via Radio Nederland f/d "Flevo" cd.
in 26 ds. for 2 IRCs.(Weber).

BRASIL: RadioBras 11745 f/d cd. in 3 wkd.(Bowden). f/d "Florianopolis
Bridge" cd. in 38 ds.(Niekamp). 11725 same cd. w/ sticker in 35 ds. v/s
Denise Ochoa.(Weber). f/d "Rio" cd. in 36 ds.(Anderson). in 27 ds. for
1 IRC.(Bear). Radio Bandeirantes 11925 p/d ltr. in 27 ds. for a PT

rpt. and ms.(Niekamp)
VOA 9580 via RadioBras
f/d cd. in 27 ds. for
a SP rpt. v/s Rosita
Becwana.(Dillon).

Radiodifusora do Ama-
zonas 4805 n/d "Negro
and Solimoes River"

cd. in 34 ds. for a
PT rpt. and ms.(Dill-
on). Radio Poti 4965
f/d prepared cd. in
25 ds. for a PT rpt.

and ms. v/s Ademir
Ribeiro.(Wilkins).
Radio Excelsior 9585
p/d cd. in 25 ds. for
a PT rpt. and ms. v/s

Ronaldo Asumpsao.
(Wilkins). Radio Ap-
arecida 11855 f/d cd.
in 21 ds. for a PT
rpt. and ms.(DiAngelo).



آزاد کشمیر ریڈیو

Azad Kashmir Radio

MUZAFFARABAD

Telegram: AKRA110

Phone: 2114

2114

2114

2114

Ref No: ENG/AISM/C-A/85- 2683

Date: 28th July, 1985

Dear Ron Howard,

We are extremely thankful to you for
your reception report dated 27th March, 1985
regarding Azad Kashmir Radio.

We are pleased to confirm that you
have been listening to Azad Kashmir Radio on the
frequency 5240 KHz from 1300-1400 hours GMT on
27th March, 1985.

We hope that you will continue to take
interest in our broadcasts and will keep us informed
about the reception quality.

V.O.T.E.

VOICE OF THE LEEK

(LEAK TO CONTINUE - CHECK)

P.O. BOX 319

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 FREQU: 1570-1580 KHz
 COUNTRY: U.S.A.
 POWER: 5 W
 ANTEN: 300 FT. WIRE

BRASIL: Radio Anhanguera 4915 f/d form ltr. in 22 ds. for a PT rpt. and ms. (Niekamp). Radio Guaiba 5965 n/d cd. in 321 ds. for a PT rpt. v/s Werner Volk. (Forsgren). Radio Globo de Sao Paulo 6125 n/d ltr. in 5 wks. for a PT rpt. v/s Herodoto Barbeiro, Director de Jornalismo. (Gliksmann-IL).

BULGARIA: Radio Sofia 9700 f/d cd. in 60 ds. (Anderson). 11720 f/d cd. in 106 ds. (Levison).

BURKINA FASO: Radio Nationale du Burkina Faso 4815 f/d form ltr. in 48 ds. for a FR rpt. and ms. (Dillon).

CANADA: RCI 9755 cd. in 16 ds. (Bear).

CELEBES: RRI Ternate 3345 p/d form ltr. in 225 ds. for an IN rpt. and ms. v/s Rusdy Bachmid. (Davis).

VERIFICATION SIGNERS: La Voz de Carabobo 4780 Tamara Moratinos, Secretaria. Radio Poti 4965 Maria Luiza da Luz, Secretaria. Radio Mineira 9750 Lucas Gonzales Rivera, Gerente Tecnico. Radio Cadena Colombia 4850 Rosey Cordero Salazar. Ondas del Meta 4885 German Castaneda, Tecnico. Emisora Gran Colombia 4910 Nancy Cevallos Castro de Espinosa, Departamento de Reportes. MBC 4855 H. St. Lambert, Chief Engineer. Radio Educadora Rural de Tefe 3385 Adair Gomes Ribeiro. Radio Bangui 5038 Micheal Bata, Le Chef de Centre Technique. Radio TV Malaysia - Sibn 5005 Edward Kechendai, Director of Broadcasting. Radio Cultura da Bahia 9595 Rafael F. Souza, Superintendente. Radio Jornal da Transamazonica 5025 Jose Flavio Carneiro, Director. Radio San Martin 4810 Jorge Chong Davila, Gerente. Radio Bangladesh 11935 Md. Abdur Rashid, Station Engineer. Radio Reloj 4832 Francisco Barahona C., Gerente. RRI Jakarta 4774 M. Arsyad Subik, BA. Radio Nacional da Angola 4820 Luzia R. Fancony. Radio Nacional Cruzeiro do Sul 4765 Amaro Gomes da Silva, Gerente. Radiodifusora Amazonas 4805 Jose Joaquim Marinho. La Voz de la Selva 4825 Ever Druce Nunez Cangalaya, Program Secretary. Radio Mundial Bolivar 4770 Sr. Luven Rossi, Director-Gerente. Radio Capital 4850 Manuel Correa, Director.

CHINA, PEOPLES REP. OF: Radio Beijing 11860 f/d cd. in 26 ds. (Anderson). 15520 f/d cd. in 2 wks. (Weber). Inner Mongolia PBS (per QSL) 6974 f/d cd. in 66 ds. via Beijing for 1 IRC. (Wilkins).

CLANDESTINE: Radio Miskut 6965 ltr. in SP in 6 wks. v/s Evaristo Mercado Perez, Director de Organization. Addr: A.P. 1668, Tegucigalpa, Honduras. * as. (Field-MI). Radio Truth 5015 f/d ltr. in 1 mo. (Field).

COLOMBIA: Emisora Nueva Granada 6160.3 f/d prepared cd. w/ ltr. in 156 ds. for a SP rpt. and ms. v/s Antonio Pardo Garcia, Gerente Nacional. (Wilkins).

COSTA RICA: Radio Impacto 6150 f/d prepared cd. in 22 ds. for a SP rpt. and ms. v/s Juan Carlos Agüero. (Wilkins). TIPC 5055 f/d cd. in 22 ds. for 2 IRCs. (D'Angelo).

CUBA: Radio Habana 6100 f/d cd. in 63 ds. v/s Francisco Luna, Head of Correspondence Dept. (Falkenhahn-MD). Radio Moscow 11840 via Habana f/d cd. in 33 ds. (Niekamp) same in 19 ds. (Weber).

CZECHOSLOVAKIA: Radio Prague 7345 f/d cd. in 1 mo. (Anderson). same in 38 ds. (Niekamp). 6055 f/d cd. in 27 ds. (Levison).

HAVE A VERY MERRY AND HAPPY HOLIDAY SEASON.....Sam.

DEVLET METEOROLOJISI
 GENEL MURAHIDI
 P.K. 401 ANKARA

TURKISH STATE METEOROLOGICAL SERVICE
 P.O. Box 401 ANKARA

Dear Mr. McDonald,

Thank you for your kind letter of Jan 11, 1972 concerning reception report on our radio broadcast.

I would like to inform you that your report on the reception of the Voice of Meteorology is entirely in conformity with our transmission being made on 6000 kHz.

The Turkish State Meteorological Service employs a transmitter with a power of 2.5 Kw for the purpose of the Voice of Meteorology. The antenna used is a delta matched open wire balanced 500-600 Ohms and 78 m long by a height of 17 m. from the ground.

Daily programme of the Voice of Meteorology consisting of both music and weather news for the public is as follows:

02.58 to 08.00 GMT : Opening and Turkish music with weather news at the intervals during the programme.

07.00 to 08.40 GMT : Dittos

11.00 to 13.50 GMT : Dittos

I attached herewith a brochure which contains general information for technical and historical aspects of Turkey.

Sincerely yours,

M. Canit ÖZGÜL
 (Major General M.)
 Director - General

FEDERAL RADIO CORPORATION OF NIGERIA, KADUNA
 7, Hospital Road,
 P.O. Box 250, Kaduna - Nigeria.

Form No. BR/40/62-1
 Date: 15/4/63

THOMAS T. LANGLING, JR.
WOLFSBOM
221 PINEWOOD ROAD
BALTIMORE, MD 21222 USA

Dear Sir,

RECEPTION REPORT

Thank you very much for your report dated March 24
 between the hours 7:45 - 8:00 on 4780 kHz.

Your report is hereby CONFIRMED/NOT-CONFIRMED WITH
 OUR LOG BOOK.

We radiate on:-

4770kHz	-	50KW
6090kHz	-	50/250KW
9570kHz	-	50 KW

We very much appreciate your efforts.
 Thank you.

ECUADOR: HCJB 15155 f/d "Tolita" cd. in 7 wks. (Bowden). f/d cd. of "Mt. Pichincha" in 10 wks. (Bowden). f/d "Jama Coaque" cd. in 6 wks. (Bowden). 17890 f/d cd. in 9 wks. (Bowden). f/d "Autoferro" cd. in 9 wks. (Bowden). 6095 f/d cd. in 2 mo. (Bowden). f/d "Bread Dough Llama" cd. in 3 mo. (Bowden). 11910 f/d "Bread Dough Clown" cd. in 11 wks. (Bowden). 9745 f/d cd. in 6 wks. w/ stickers. (France). Radio Zaracay 3395 p/d personal ltr. in 129 ds. for a SP rpt. and 1 IRC. v/s Elssy Cun C., Secretaria. (Schmitz-FRG). Radio Iris 3380 p/d personal ltr. in 32 ds. for a SP rpt. and 1 IRC. v/s Daniel Alvarez Tenorio. (Schmitz). La Voz del Upano 5040 p/d personal ltr. in 27 ds. for a SP rpt. and 2 IRCs. v/s Prof. Luis A. Rivadeneira R., Director. (Schmitz).

VERIFICATION SIGNERS: Radio Korea 15570 Joung Kil Park, Director of Overseas Broadcasting Department. Radio Madre de Dios 4951 Javier Aniz. Radio San Juan de Chota 5274 Raul Rivera Burga, Proprietario Gerente. Radio Lubumbashi 4751 Mr. Bebe Beshelemu, Directeur Regional de l'OZRT. Radio Catolica Nacional 5055 Padre Cirillo Tescaroli, Director. CRE 4656 Rafael Guerrero Valenzuela, Gerente. Radio Santa Fe 4965 Humberto Arango P., Administrador. Radio Frecuencia Siete 7010 Gregorio Sanchez Araujo, Gerente. Radio Bambamarca 5657 Augusto Arana Morales, Gerente. Radio Togo-Kara 3222 Mialintche Lare, Secretaire. Capital Radio 3930 J. Van Hoogstrateh, Director and Miss Iris Wheeler, Secretary. Radio Popular de Cuenca 4801 Manena de Villavicencio. Radio Federacion Shuar 4960 Luis Mario Katan. Radio Buea 3970 Peterson Chia. RRI Ujung Pandang 4753 H.A. Nyongki B.A.. Radio Chota 6296 Mauro Vasquez Gonzales, Gerente. Radio Acunta 5802 Victor R. Hoyas Condor, Presidente. La Voz de Cutervo 4965 Julio Cesar Sanchez Camacho, Gerente. Radio Ilucan 5617 Jose Galvez Salazar, Gerente. Radio Celendin 7053 Jose Camacho Villar, Gerente. Radio Moderna 4300 Pompeyo Silva Pereyra, Locutor. Ondas Quevedenas 3325 Maruja Jaramillo E. La Voz de los Caras 4795 Alejandro E. Nevarez, Gerente. La Voz de Nahuala 3360 Juan Fidel Felipe Juarez, Director. Radio Uganda 5027 L. B. Lubega, Senior Transmitter Planning Engineer.

RADIO "ORIENTE" S.C.R.LTDA.
 Onda Meda OANB 1420 khs
 Onda Cuzc OANB 6180 khs
 Radio de 48 kw

Luzerna, 19 de Abril de 1963.

SEÑOR:
 SEÑORITA S. OLIVEROS.
 T.S.L.
 Retenido aforo:

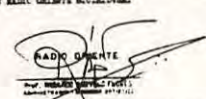
Tengo el honor agrado de dirigirme ante usted para haberle ligado a una profunda agradecimiento por sus comentarios sus buenas a esta Radios.

Aprobando esta oportunidad le estoy retransmitiendo a la vista fotografías de esta ciudad y su vecindario, no olvidando por así de un profundo beso de amistad.

Reciba la agradecida según verificamos sus datos transmitidos en brevitas dicitivas.

Con fé en a su persona me despido muy atentamente

DR. BALBO OLIVEROS S.C.R.LTDA.



ECUADOR: Radiodifusora Paz y Bien 4820 f/d prepared cd. w/ personal ltr. & pennant in 57 ds. for a SP rpt. and ms. v/s Enrique Pesantez G., Gerente (Reinstein-FL).

ENGLAND: VOA 6040 via Woofferton f/d cd. in 10 ds. (Renfrew). BBC 6175 n/d cd. in 29 ds. (Bear).

EQUATORIAL GUINEA: Radio Nacional Malabo 6250 p/d ltr. in 6 wks. for a * SP rpt. v/s Cipriano Somori Suakin, Traductor de la lengua Inglesa. (Gliksman-IL).

EUROPEAN RUSSIA: Radio Moscow 7205 via Armavir f/d cd. in 38 ds. (Forsgren). 9640 via Moscow cd. in 38 ds. (Forsgren-WI).

FALKLANDS: FIBS 3958 f/d cd. in 8 mo. for a taped rpt. and 2 IRCs. (Isen).

FRENCH GUIANA: RFI 9800 f/d "Logo" cd. in 37 ds. Pennant rcvd. (Mosier-CA). 9800 and 6055 f/d cd. in 2 wks. v/s J.F. Arnaud. (Field-MI).

GABON: Africa No. 1 15200 n/d ltr. in 51 ds. w/ sticker. (D'Angelo).

REPÚBLICA ARGENTINA
Territorio Antártico Argentino
LRA 36

CERTIFICADO CONFIRMADO ESCUCHA

Sr.
SWANN McDANIEL
4645 North Oakdale Drive
ROLLING PRAIRIE, IN 46371
INDIANA - USA.

Le es mi mayor consideración.

Tengo el honor de dirigirme a Ud., haciendo referencia a su reporte de fecha 8 y 9 de setiembre de 1982, mediante el cual confirma los datos de recepción practicados sobre LRA 36 Radio Nacional ANXAGEL SAN GABRIEL.

Sobre el particular llevo a su conocimiento que los datos aludidos en su informe son correctos, ya que concuerdan plenamente con los archivos de programación de esta radioemisora para esa fecha.

Agradeciendo su fina atención por haber aportado datos de su interés para LRA 36, hago propicia la oportunidad para reiterarle las expresiones de mi consideración más distinguida y le envío un fuerte abrazo de manos desde este lejano Territorio Antártico Argentino.

Buenas Esperanzas, 30 de Octubre 1982.

GERMAN DEM. REP: RBI 11975 f/d "Brandenburg" cd. in 2 mo. (Anderson).
GREECE: Voice of Greece 9420 f/d cd. in 40 ds. (Eckert-PA). f/d "Olympia" cd. in 40 ds. (Mosier).
GUAM: KTWR 9590 f/d "Cocos Island" cd. in 3 wks. (Bowden). f/d "Guam" cd. in 1 mo. (Bowden).
GUYANA: GBC 5950 f/d form ltr. in 37 ds. (D'Angelo). same in 48 ds. for 3 IRCs. v/s Miss Phyllis Hyles. (Niekamp). same in 34 ds. for 1 IRC. (Schmitz). ison).
HAWAII: WYWH 15000 cd. in 12 ds. (Lev-HOLLAND: Radio Nederland 6165 f/d cd. in 2 wks. (Bowden). 9650 "Flervo" cd. in 2 wks. (Bowden). 15560 f/d cd. in 19 ds. (Niekamp). same in 1 mo. (Bowden). 6020 cd. in 20 ds. (Ren-frew).

VERIFICATION SIGNERS: AIR Bombay Mr. Veena Khare. AIR Madras Mr. Rajagopalan. AIR Lucknow Mr. S.C. Mishra, Station Engineer. Radio Quillabamba 5025 Padre Rufino Lobo Alonso. Radio Tacna 6562 Alfonso Caceres G., Sub Gerente. Radio Bandeirantes de Cachoeira Paulista. Maria Izabel Guatura. Radiodifusora Paz y Bien 4820 Padre Enrique Pesantez, Gerente. La Voz de Yopal 5050 Pedro Socha. Voice of Revolutionary Ethiopia 9560 Mrs. Zemenay Laiké, Assistant Audience Relations Official. AWR Radio - Forli 6205 Stefano Losio, Director. Radio Suriname International 17755 G.R. Sankatsing, Editor in Chief. Radio Frontera 4760 Modesto Marchena, Director Proprietario. Radio Ancash 4990 Giovanni Moreno Neglia, Gerente. Radio Comores 3331 Ali Mchagama. Radio Tezulutlan 4835 Elsa Yolanda Castro Och, Secretaria. RRI Surabaya 3975 Agus Widjaja. RRI Serui 4607 Stephen Silubun, Station Head. Radio Acobamba 5325 Felipe Andrade Cardenas, Gerente. La Voz de Carabobo 4780 Tamara Moratinos. Radio Sutatenza 5075 Nohora Rodrigues Jimenez, Secretaria.

HOLLAND: Radio Nederland 9895 f/d cd. in 34 ds. (Bear). in 90 ds. (Anderson).
HONDURAS: HRVC 4820 p/d cd. w/ ltr. in 19 ds. for 1 IRC. (McDaniel).
HUNGARY: Radio Budapest 9835 f/d cd. in 61 ds. (Levison). cd. in 56 ds. (Anderson). 9520 f/d "National Costume" cd. w/ pennant in 35 ds. (Weber).
INDIA: AIR 11620 f/d "Jaipur" cd. in 2 mo. (Anderson).
ISRAEL: IBA 9815 f/d cd. in 2 mo. (Anderson). Reshet Bet - Home Service

13720 f/d cd. in 69 ds. w/ schedule. (D'Angelo).
ITALY: AWR Forli 6205 f/d cd. in 1 mo. for 1 IRC. v/s Jennifer Robertson. (Gliksmán).
JAPAN: Radio Japan 17755 f/d cd. in 19 ds. (Anderson). 11950 "Kyoto" cd. in 3 wks. (Bowden). 17825 f/d "Great Lion Dance" cd. in 6 wks. (Bowden). 15300 f/d cd. in 15 ds. (Bear) NSB 6055 f/d cd. in 7 wks. (Bowden). 9595 same cd. in 7 wks. (Bowden).
JAVA: RRI Surakarta 4932 p/d personal ltr. in 47 ds. for an IN rpt. v/s Ny. Hastoeti Toeringsih-Seksi (Forsgren).
KAMPUCHEA: Radio Voice of the People of Kampuchea 11938 f/d ltr. in 2 mo. (Field-MI).
KENYA: Voice of Kenya 9725 via Koma Rock f/d ltr. in 6 wks. (Field-MI).
KOREA, REP. OF: Radio Korea 7275 f/d "Seoul" cd. in 6 wk (Bowden). 9870 same cd. in 7 wks. (Bowden). 6135 same cd. in 5 wks. (Bowden). 9750 cd. in 3 wks. (Bowden).

DEPARTEMEN PENERANGAN RI
DIREKTORAT RADIO
STASIUN RRI REGIONAL 1 AMBON.

ALAMAT: JALAN TENDE AL MUSA'DYAH TELP. 2740-3242

Nomor: 7.227/AM/1982. Ambon, 10 Agustus 1982.

Perihal: Permohonan Program.

Lampiran: ---


Kepada Yth: Wk. Teknik N. Lantaru 1312 Djuphina St. New Orleans, La. 70116 Yth. STASIUN RRI AMBON.

Dengan hormat,

Sami sangat terimakasih menerima surat saudara, berupa laporan permohonan Pemancar Radio Republik Indonesia Ambon (dewasman) - 4045 KHz atau gelombang 61,30 meter, bahwa pada tanggal 31 Juli - tober 1982. Acara siaran-siaran yang saudara dengar dari publik 11.40 - 12.07 Waktu GMT atau pukul 00.40 - 01.07 Waktu Ia - dan pada bagian Timur, setelah diteliti ternyata sesuai dengan program siaran kami.

Atas kerelaan saudara sehingga waktu untuk mendengar siaran kami, sebelumnya disampaikan terima kasih.

Resmi I Ambon,





v/s J. Lukosevicius, Editor-in-Chief. (Weber).
LUXEMBOURG: Radio Luxembourg 6090 f/d cd. in 27 ds. for 2 IRCs. (Weber). same in 45 ds. (Anderson). gen-NC)
MALTA: Radio Mediterranean 6110 f/d "Map" cd. in 7 mo. for 1 IRC. (Swarin)
MONACO: TWR 7160 f/d cd. in 3 wks. for 2 IRCs. (Weber). same in 17 ds. for 3 IRCs. (Niekamp).
NEPAL: Radio Nepal 5005 2 f/d cds. in 3 1/2 mo. v/s R.S. Karki. (Isen-VA).
NEWFOUNDLAND: CKZN 6160 f/d cd. in 4 mo. v/s D. Uttaro. (VanHorn-FL). f/d "Map" cd. in 55 ds. for 1 IRC. (Weber).



NEW ZEALAND: Radio New Zealand 15150 f/d cd. w/ pennant in 25 ds. for 3 IRCs. (Weber).
NORWAY: Radio Norway 15305 p/d cd. in 37 ds. w/ sticker for 2 IRCs. v/s Erling Thokle. (Weber). f/d cd. in 5 wks. (Bowden). f/d "Folk Costume" cd. in 38 ds. (Anderson). same in 3 wks. (Bowden). f/d "Hammerfest" cd. in 1 mo. (Bowden).
PAKISTAN: Radio Pakistan 15580 f/d cd. in 1 mo. for a taped rpt. and 2 IRCs. (Isen-VA).
PAFUA NEW GUINEA: Radio East Sepik 3335 f/d "NBC Map/Logo" cd. in 49 ds. for 2 IRCs. (Reinstein). same in 70 ds. (Forsgren). in 43 ds. for 3 IRCs. (Paszkiwicz-WI). Radio Gulf 3245 f/d ltr. w/ cd. in 3 wks. for a taped rpt. and ms. v/s Mau Ilave. (Isen). Radio Northern 3345 f/d "Map" cd. in 59 ds. for ms. (Forsgren).
PARAGUAY: Radio Nacional 9735 p/d form ltr. in 6 mo. for a SP rpt. v/s Carlos Montaner. (Bowden).
PERU: Radio Bagua 3310 f/d prepared cd. w/ 2 ltrs, business cd., and a great cassette of Peruvian music in 36 ds. for a SP rpt. and ms. v/s Julio Cardozo Ganoza, Titular Gerente. (Reinstein). same in 6 mo. for a SP rpt. (Field). n/d ltr. in 11 mo. for a SP rpt. and 1 IRC. (Gliksman). Radio Ancash 4990 n/d ltr. in 8 mo. for a SP rpt. (Field).



POLAND: Radio Polonia 7145 f/d cd. in 45 ds. (Anderson).
PORTUGAL: Radio Portugal 6095 f/d cd. in 22 ds. for 1 IRC. (Weber). f/d cd. in 2 wks. (Anderson). 9680 f/d cd. in 28 ds. for 1 IRC. (McDaniel).
RIO MUNI: Radio Bata 15110 f/d blue cd. w/ personal note. in 183 ds. for a SP rpt. (Forsgren).
ROMANIA: Radio Bucharest 9510 f/d cd. in 4 1/2 mo. w/ 2 cassette tapes of folk music. (France)

Both pennants were sent
to us via Ernie
Behr in Canada.

H.C.V.G.8.
LA VOZ DE GALAPAGOS
VISION FRANCISCANA



GALAPAGOS
ECUADOR

RADIO ECUATORIAL BATA

RATA: ESTILIA DE NIZANG, MICROMESTIZO, EMBRYN, MC BENTIC, "VALADOU DE LOS BOMBILLOS", ERYNAYONG, MONICO OJUI DE GUARDALUPE, ACURIMAN, N304C.

"LA VOZ DE RIO MUNI"

SARAWAK: RTM Kuching 4950 f/d cd. in 22 ds. for 1 IRC. (Schmitz).

SENEGAL: ORTS 4890 f/d "Globe/Tower" cd. in 1 mo. for an EG/FR rpt. and 3 IRCs (Weber).

SOLOMON ISLANDS: SIBC 5020 f/d "Logo" cd. in 35 ds. for 2 IRCs. (Schmitz).

SOUTH AFRICA: Radio RSA 6010 f/d "Hugenot Museum" cd. in 14 ds. (Mosier). same w/ pennant in 16 ds. (Bear) 3230 and 4990 f/d cd. in 11 ds. (Niekamp). 9615 same cd. in 2 wks. (Anderson).

SPAIN: REE 9630 f/d "Castle" cd. in 48 ds. (Mosier). f/d "Castillo de Santa Catalina" cd. in 7 wks. (Bowden). cd. in 42 ds. for 1 IRC. (McDaniel). f/d cd. w/ pennant in 67 ds. (Niekamp). f/d "Parador" cd. in 60 ds. for 2 IRCs. (Weber). 11880 f/d cd. in 1 mo. (Bowden). same in 40 ds. (Anderson). cd. in 34 ds. (Bear). 6125 f/d cd. in 1 mo. (Bowden). same in 2 mo. (Bowden). cd. in 1 mo. (France). 11730 f/d cd. in 6 wks. (Bowden). 11690 f/d "Parados Nacional de Siguenza" cd. in 5 wks. (Glikzman). 9360 f/d cd. in 6 wks. (Bowden). 15535, 9360, 11880, 9630, 6125 and 9650 f/d cd. in 5 wks. (Bowden). same in 1 mo. (Bowden).

SRI LANKA: VOA Colombo 15395 f/d cd. in 20 ds. (Renfrew).

SUMATERA: RPDTk2 Kotamadya 3290 personal ltr. w/ schedule in 96 ds. * for an IN rpt. v/s Morgent Silalahi, Kepala Studio. (Kusalik-ALB).

SWEDEN: Radio Sweden International 9695 f/d "Stockholm" cd. in 1 mo. (Uden-CA). 11705 f/d "Acid Rain" cd. in 17 ds. (Anderson).

SWITZERLAND: Swiss Radio International 9725 f/d "Berne" cd. in 8 wks. (Bowden). "William Tell" cd. in 44 ds. (Levison). 9885 f/d cd. in 3 mo. (Bowden). f/d cd. in 41 ds. (Bear). n/d "Station Staff" cd. in 34 ds. w/ sticker and schedule. (Mosier).

TAIWAN: Voice of Free China 15130 f/d cd. in 26 ds. (Levison). 11745 f/d "Art" cd. in 5 wks. (Bowden).

TIMOR: RRI Dili 3119.4 f/d blue "HRI Logo" cd.

* In 36 ds. for IN rpt. v/s Paul J. Amalo. Addr: Jalan Kaikoli, Dili, Timor Timur. (Reinstein-FL).

TURKEY: Voice of Turkey 9560 f/d cd. in 36 ds. for 1 IRC. Pennant rcvd. (Bear).

UKRAINIAN SSR: Radio Moscow 11860 via Vinnitsa f/d cd. in 33 ds. (Niekamp). 13705 via Simferopol f/d cd. in 33 ds. (Wilkins).

Radio Kiev 11720 f/d "Kaniv Movie Theatre" cd. in 90 ds. (Anderson). 15180 same cd. in 3 mo. (Bowden). 9820 f/d "Glazed Pottery" cd. in 3 mo. (Bowden-CA).

UNITED ARAB EMIRATES: Radio Dubai 15300 f/d "Map" cd. in 18 ds. (Anderson). 15320 same cd. in 22 ds. w/ paper pennant. for 1 IRC. (Weber).

USA: KCBI 11790 f/d "Texas to the World" cd. in 22 ds. (Bowden). f/d cd. in 9 ds. for ms. (Dillon-MD). same f/d cd. in 2 wks. (Field). KGET 7365 f/d "San Francisco" cd. w/ personal ltr. from Russian Program Coordinator in 24 ds. for ms. (Weber). 15280 f/d cd. in 37 ds. for 2 IRCs. v/s Jesus C. Elizondo. (McDaniel).

WRNO 15420 f/d cd.

in 3 wks. (Bowden).

same in 6 wks. (Bowden).

VOA 11950 via

Dixon f/d "Liberty"

cd. in 27 ds. for a SP

rpt. v/s Rosita Becuana.

(Dillon). 6040 f/d cd. in

20 ds. (Renfrew). 9575 via

Bethany f/d cd. in 9 ds.

(Wilkins). 9690 via Green-

ville f/d cd. in 8 ds. (Wil-

kins-CO).

JULIO CARDOZO GANOZA
TITULAR GEMENK



radio
BAGUA E I R L

OAX-07-1220 ONDA MEDIA
OAX-00-3310 ONDA CORTA

AV. PRINCIPAL 794-796
OFICINA N.º 1
AV. ARENALES No. 395 OF 008 LIMA
JAEN SAN IGNACIO-BAGUA GRANDE

ENHONCELEDO
AV. PRINCIPAL No. 1228
BAGUA - AMAZONAS
PERU



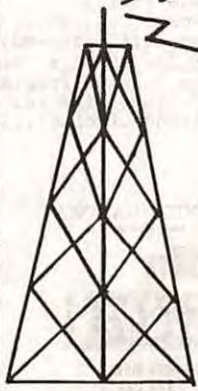
STATION PENNANTS OF THE WORLD: A few months ago we introduced the first installment of this publication - South America. It was an immediate success! Due to the increased demand, we have ordered more copies from the printer. Since this is the "Season to be Merry", we are reducing the price on the South American book (Volumes SA-1 and SA-2) to only \$5.00!! We are now releasing two new books - Asia and the Pacific Islands. The Asia publication sells for \$3.00 while the Pacific Island book costs \$2.00. You can buy all 3 publications for \$10.00 U.S. postpaid in North America. Overseas please add \$2.00 for airmail postage.....Seasons Greetings! Send your orders to Sam Barto, 47 Prospect Pl., Bristol, CT. USA 06010.

- USA: WYFR 15225 f/d cd. in 20 ds. for ms.(Weber). 11830 f/d cd. in 6 wks.(Bowden). f/d cd. in 36 ds. for ms.(Weber). Radio Earth 11790 via KCBI f/d cd. in 30 ds. v/s Jeff White.(D'Angelo). Radio Marti 9660 via VCA n/d form ltr. in 24 ds. v/s Paul P. Schleisman, Director Technical Operations.(Falkenhan-MD). n/d ltr. in 34 ds.(McDaniel). same in 25 ds.(Dillon). Voice of Free China 5985 via WYFR f/d cd. in 47 ds.(Anderson).
- USA(Pirate): WKUE 7433 p/d ltr. in 185 ds. for ms.(Tutak). son).
- USSR: Radio Moscow 12050 f/d "National Economic Exhibition" cd. in 35 ds.(McDaniel). 15425 "Bolshoi Theatre" cd. in 4 wks.(Bowden). 11840 "Greek Orthodox Church" cd. in 3 wks.(Bowden). 7175 f/d cd. in 24 ds.(Levison). 9705 "Lenin Central Stadium" cd. in 3 wks.(Bowden). 6050 cd. in 5 wks.(Bowden).
- VATICAN: Radio Vatican 11845 f/d cd. in 7 wks.(Bowden). 6015 f/d "John Paul" cd. in 90 ds.(Anderson). 11740 f/d "Aerial view of St. Peter's Square" in 2 mo.(Bowden). 9615 f/d cd. in 6 wks.(Bowden). 11955 f/d cd. in 5 wks.(Bowden). 15405 f/d cd. in 6 wks.(Bowden).
- VENEZUELA: Ecos del Torbes 4980 n/d "Map" cd. in 21 ds. for an EG/SP rpt. and ms. (Weber). Radio Capital 4850 f/d cd. in 53 ds. for a SP rpt. and 1 IRC.(Anderson).
- YUGOSLAVIA: Radiotelevizija Ljubljana 9620 via Radio Yugoslavia 9620 f/d "Map" cd. in 10½ mo. for 1 IRC.(Swaringen-NC).

NOTE: When sending reception reports to Radio Moscow please request the transmitter site.

Thats about it for this time.
Our wishes go out to everyone
for a very happy holiday season.

Sam



5580 KHz - RADIO QUINCE DE SEPTIEMBRE

Esta tarjeta sirve para comprobar que el Sr. CHRISTOS RIGAS de Chicago, Illinois, EE.UU. escucho Radio Quince de Septiembre en 5580 KHz, onda corta, el 13 de octubre de 1984, entre las 1155 y las 1218 hora meridiano de Greenwich.

This card verifies that Mr. CHRISTOS RIGAS of Chicago, Illinois heard Radio Quince de Septiembre on the frequency of 5580 KHz, on October 13, 1984 between 1155 and 1218 GMT.

F D N

FIRMA/SIGNATURE



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

DECEMBER 1985

Welcome to Scoreboard. This month the Spotlight is on Africa. C/H = countries heard and C/V = countries verified. Country counts are by the official NASWA radio country list. The deadline for the next Scoreboard is 15 February, 1986. The Spotlight for the next issue will be on Asia. Many thanks to all who have contributed to this issue. Remember that you must update your totals once a year at least, even if there is no change, to remain listed in Scoreboard. Several contributors were dropped from this listing because I had not heard from them in over a year.

Name, State	Total		Africa Best		QSL from Africa	
	C/H	C/V	C/H	C/V	C/H	C/V
James Young, CA	230	221	63	62	Zanzibar	
John Tuchscherer, WI	229		62		R. Cordac	
Sam Barto, CT	227	217	62	59	CQM 7946	
Bob Padula, Austral.	223	217	63	60	Rio Muni	
Marlin Field, MI	218	217	62	62	Mt Kenya NYERI	
Jerry Berg, MA	218	216	60	59	Katanga	
Tom Williamson, Ont.	217	202				
Nobuaki Takahashi, Japan	217	186	62	52	R Cordac	
Gerry Bishop, Phil.	215	189	60	48	R Candip	
Tom Gavaras, MN	213	204	58	55	Zanzibar	
Al Miller, OH	212	204	58	54	Cordac	
Terry Krueger, FL	212	146	57	35	Lubumbashi	
Mitch Sams, KS	208	117	59	20	R Freedom, Eth.	
Larry Abraham, MI	206	191	59	53	Zanzibar	
Robert Wilkner, FL	205	145	48	23	Santa Isabel	
John Sgrulleta, NY	204	204	60	60	Comoros Is.	
Steve Reinstein, FL	203	166	55	46	R Truth	
Mike Nikolich, IL	203	159	55	43	Sao Tome	
Paul Buer, FL	202	187	52	44	Isla Palma	
C. J. Orekar, CA	201	192	52	46	Sao Tome	
Henry Lazarus, LA	200	196	53	52	Lubumbashi	
Ron Howard, CA		184		46	Mogadiscio	
Vladimir Cucura, PA	200	107	53	15	Biafra	
Terry Palmersheim, MN	196	162				
C. Vernon Hyson, NC	195	176	56	48	R Congo Belge	
Kevin M. Szot, CA	193	40	53			
Richard Davis, CO	192	175	45	36	Mauritius	
Henry Ward, Que.	190	167	34	28	Djibouti	
Steven Lare, MI	190	142	49	26	Djibouti	
David Swaringen, NC	189	160	57	38	Chad	
Mike Hardester, CA	188	175	47	41	Mawawi	
Del Fye, FL	188	171	48	43	Zanzibar	
Stephen Leite, MA	187	159	40	36	Cape Verde	
John R. Tow, AL	186	146	57	41	R Candip	
Jerry Lineback, TX	186	107	53	32	Swazi MR	
John Huniwell, NJ	185	178	49	47	Cape Verde	
Harold Cones, VA	185	161	55	39	RTV Gabonaise	
Gordon Blom, NY	181	150				
Hadley Cress, VA	181	008	53	1	Malagasy	

Name, State	Total		Africa Best QSL from Africa		
	C/H	C/V	C/H	C/V	
Lin Robertson, CA	177	150			
Walter Kunz, PA	177	102	50	22	Burundi
Michael Schmitz, FRG	175	142	53	38	Malabo
John Meyer, WI	175	130			
Christos Rigas, IL	174	147	47	28	Sao Tome
Rick Krzemien, IL	174	134	35	16	Benin
Bob McCoy	174	085	48	17	Mogadishu
Ken Cobb, ME	172	128	48	28	Uganda
Don Hosmer, MI	169	127	44	27	Moundou
Morley Kirkland, Ont.	168	152	51	36	Zambia
Gayle Van Horn, FL	168	127	46	29	ORTB Benin
Ray Forsgren, WI	168	098	49	25	Sudan
Bob Streeter, NY	167	127	47	29	Calabar
Tom Laskowski, IN	165	124	51	32	Burundi
Pasquale DiBiase, ME	165	111			
Norman Bobb, MN	163	1	43		
David Jones, VA	159	131			
Dave Maxfield, MI	158	33			
Baxter Hensley, TX	156	141	35	25	Togo
Charles Fox, Jr., VA	153	129	52	37	
Austin Kelly, IL	152	121	41	23	Ghana
Peter Tutak, NJ	152	114	49	30	R Truth
Sheryl Paszkiewicz, WI	150	126	43	30	R Abidjan
William Plum, NJ	149	108			
Nolan Stephnay, NY	145	127	18	7	ELWA
Greg Hart, FL	134	75	33	12	Togo
James Smallwood, FRG	131	106			
Peter Dillon, MD	130	88	33	17	Ascension dir.
Boris Benkovich, B.C.	130	82	18	8	ELWA
Tom Daly, NY	130	30	38	3	Ghana
Jerry L. Green, TN	128	95	37	21	FEBA Seychelles
Peter M. Dillon, MD	128	86	32	15	RJ/Gabon
Jim Renfrew, NY	124	61	33	9	BBC Lesotho
David Hetzel, WI	123	85	29	14	Zimbabwe
Keiichi Kondo, Japan	120	79	19	6	R Tanzania
Kenneth Hill, MA	116	60	30	10	Capital R
Fr. John Eckert, PA	114	34	27	5	
Bob Gunderson, MN	113	62	22	5	Seychelles
Joe Kremer, SC	113	59	27	7	Uganda
Joe Talbot, Alb.	110	90	17	10	Seychelles
Ichiro Maruo, Japan	108	81	12	9	R. SWA
Joe Polchlopek, VA	104	71	14	8	Swaziland
Louis Sica, Jr., NJ	104	35	24	5	ELWA
Sam Sanchez, CA	104	1	18		
Harold Levison, PA	101	61			
Bill Thim, CT	100	74	20	10	R Truth 5015
Jackie Cole, CO	099	061	19	12	Ivory Coast
Peter Giacomelli, NY	098	086	12	10	Uganda
Dustin Brann, MD	091	024			
Jean-Pierre Caravan, PA	090	058	18	7	Seychelles
Richard Cassidy, IN	089	072	15	9	Niamey
Thomas Ross, IL	082	066	17	7	RN du Mali
E. M. Church, VT	081	050			
Allan Schlaugat, WI	079	059	11	5	Ghana
Michael Monaco, NY	079	055	10	7	Ghana
Ronald Purdue, MN	077	043			
Bob Nagel, PA	074	060			
Ted Gurley, TX	074	046	10	4	Ghana
Pedro Hazel, NY	057	005			
Mike Magick, AZ	052	040	5	3	Nigeria
Robert Tomko, NJ	048	038			
Vivienne Sales, IN	035	026			

Thanks to our contributors this month. Please share your totals with Scoreboard. Your editor is temporarily without an antenna due to a lightning strike. The radio was not hitched up at the time, so it still works, but the jolt got both ACs, the kid's computer, and the water line. Yes, it broke a water line, so while I was running around trying to find out if the house was on fire, my wife was running around screaming that the house was flooding. Oh yes, it also got the cable TV and the phones. Patience and 73s. *JaZ*

update

December 1985***Number 200

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(816) 523-7292 7-10 pm Central only

UPCOMING DEADLINES: 10 December (Mid-Dec) 20 December (Jan '86) 10 January (Mid-Jan)

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A brief note from the editor: For those of you who watch such things, this is the 200th Update! I signed on as editor with the Mid-August 1977 issue, about eight and a third years ago, which alternates between seeming like yesterday and an eternity. But however fast the time has gone, I'm extremely grateful to all of you who have contributed your advice or your reports over the years. You, rather than me, are really what has made the first 200 Updates possible. Here's to the next 200 and your help.

EQUATORIAL GUINEA R. Nac., 5003.7, in SP, Verna, *0451 anthem, 0454 African mx and singing, 0529, clear ID for "Radio Nacional" and frequencies. Fair even with WWV QRM. (Ron Howard, CA 11-16)

PAKISTAN RP-Islamabad, 5093.7 thru 5096.9, in lang; *0043 IS, 0045 Koran, 0100 six time clicks, talking, 0115 several IDs for Radio Pakistan, Islamabad, into program with M&W anncrs with interviews, Koran and sub-continental mx. Poor at s/on, fading in, to very good after 0100. Based on my having monitored this one for a number of years, I think it has increased its power substantially. (Howard, CA, early November)

VENEZUELA R. Yaracuy, 4939.8, in SP *0953 with choral anthem and instrumental anthem. S/on anncmts 0957, LA mx with ID and tc between selections, 1035 SP versions of Christmas carols (a bit early for me). 1100 chimes and full ID/QTH (San Felipe). Also noted 0350 with choral anthem, 0352*. Fair-good. (Howard, CA 11-17)

That's all for this issue. Hope to have reports from more of you next time.

Best 73

NO COLLECT CALLS ON THESE ADS, PLEASE

WANTED: R-390A receiver in excellent condition. J.J. Waldburger, 7927 194th Place SW, Edmonds, WA 98020.

WANTED: Source for a repair manual for Hammarlund SP-600J. Also need source for spare parts, tubes, and accessories. Gerry Bishop, PSCI Box 2568, APO San Francisco, CA 96286.

FOR SALE: ICOM R-70 receiver in mint condition with original box and manual. Price \$400.00. Steve Beilke, 534 Spring Hill Road, Vadnais Heights, MN 55110. Phone (612) 426-4136.

FOR SALE: ICF-20001, \$100.00; ICF-6700W, \$200.00. Prices include shipping. Customized Beam Headings (from/to) and distances (MI/KM) to over 355 WRTH transmitter sites. Useful in picking alternate transmissions and selecting listening times based on distances. ITU Country Codes included. Send your location or coordinates, \$6.00. Gilfer's Confidential Frequency List, 5th edition and Guide to RTTY Frequencies, 2nd edition, \$6.00 each. FRENDX, complete 1984, \$5.00. Cashiers check or money order. Al Drehmann, Route 2, Box 3B, Tryon, NC 28782. Phone (704) 894-3398.



LOG REPORT

section A

2000 to 4800 kHz

Welcome.....

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

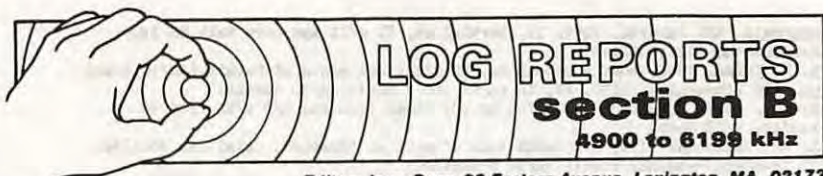
- 2494 Madagascar. RM. 1621. Vern. Local mx, time in FF//3287.5 (no date!!!Schulze)
3210 Mozambique. RM Maputo. PP. 1920-2100. Pop mx, some CW QRM, mx at 2100(17/10 Schulze)
3222 Togo. RTT Kara. 2245-2303. FF. Ballads & chorus selections(20/10 Bobb)
3223 India. AIR Simla. 1740. Presumed II mx(very hard to read this logging)(Schulze ND)
3230 South Africa. RSA. 0325. EG SML report//4990(27/10 Bobb)
3240 Swaziland. TWR. 0339. EG-Vern. Fair w/ talk by OM. (26/10 Rigas)
3250 South Africa. SABC. 0326. EG. "Its 5:30 and time for the news", etc. (26/10 D'Angelo)
Honduras. R. Lus y Vida. 0220. Two men talk w/ ments of Guatemala & Nic the into fan fare mx. (16/10 Jordan)
3255 Liberia. LBS. 2329. Pop mx, MW ID and TC, then religious meditation(10/10 Bobb)
3260 Niger. ORTN Niamey. 1740. FF. Local mx below UTE QRM. (12/10 Schulze)
3275 Venezuela. R. Mara. 0213. Pop & folk tunes, ID's, slogans and promos(16/10 Jordan, 26/10 Daly, 26/10 Dillon, 16/10 Schulze)
3277 India. AIR R. Kashmir. 1725. ID. Indian songs, relay via AIR Delhi, time pips on the half hour, UTE QRM. (12/10 Schulze)
3282 UNID Latin. 0240. Playing LA mx, is it LV de Napo Ecuador??(16/10 Schulze)
3285 Bahia. RB. 0400. News headlines, TC's(29/10 Bobb, 13/11 Harris)
3295 Southwest Africa. SWABC. Afrikaans. 0358. Guitar IS, ID in EE/AF "Fanfare for the common man"(10/10 Mosler, 11/10 Bobb).
3300t Burundi. LV de la Rev. 2020. AF folk mx, poor modulation(17/10 Schulze)—no ID on log so I'll list as tent, ed.
3330 Rwanda. R.W. 0358. FR. Playing many Men at Work songs. Possible ID as "Vous ecoutes Radio Rwanda" at 0402, then more mx, under CHU.(12/10 Laszkowski, 17/10 Schulze)
3344.8 Romania. RRI Pontianak. 1150. IN. Talk by YL, short choral mx, het from 3345. (29/10 Allen)
3346 Zambia. RZ. 0343. EG. Fish Eagle IS, news, into EZL mx//4910. (12/10 D'Angelo)
3360 Guatemala. LV de Bahuala. 0245. Marimbas & lively accordian mx, many ment's of Guatemala. (11/10 Jordan)—my least favourite country, I caught encephalitis there a few years back-ed.
3366 China. GBC. 2206. Various Rock tunes, inspirational talks, followed by "This is Radio 2, the Commercial Service of the GBC", into news headlines.(6/10 D'Angelo, 13/10 Daly, 2/11 Rigas)—just got a letter from their Chief Engineer, who wants to come and live with me and have me find him a job, beware in writing this station—ed.
3375 Brazil. R. Equatorial. 0332. LA mx w/ ID's after every piece (29/10 Schulze)
3370 Guatemala. R. Tzululutan. 0255. Lively marimba mx, annts at 0302. (11/10 Jordan)
3380 Guatemala. R. Chortis Jocotan. 0240. Lively beat mx, accordian mx, some US pops, Fair to poor signal. (11/10 Jordan)(11/10 Bobb)
3395 Ecuador. R. Zaracay. 1026. M&F w/ talk and ID. (19/10 Bobb)
3908 United Kingdom. BBC. 1620(?), couldnt read the time—ed). German and EE//3955, 5995, and also // in LSB on 4002.8. (11/10 Schulze)
3930 Transkei. Capital Radio. 0315. EG. Sports mx, Winston Ad's, and into rock mx, talk about contest in the "Tribune" newspaper, breakfast show. (12/10 D'Angelo, 10/10 Passkiewicz)
3995 FR Germany. DW. 0125. GG. Music w/ DJ talk between every 3 selections(26/10 Dillon)
3999 Greenland. R. Greenland. 0205. DA. M&F w/ talk in Danish, IS and NA. (30/10 Bobb)—nice!!
4000 Cameron. R. Bafoussam. 0430. Vern. Hrd ID and S/O, Exc. signal. (Laszkowski 12/10)
4002 Indonesia. RRI Padang. Pop music(very sorry for printing this, I thought I could make the info out but cant read it—ed) (Schulze)
4060 Ukrainian SSR. Kharkov RWS. 2158. EG. RWS ID, Questions and comment(3/11 Daly)
4175 Ecuador. R. Catolica Nacional. 1058. Possible spur from 5055, TC as 6:05, then ID followed by Hallelijah Chorus. Weak. (29/10 Allen)
4330 China. FFS-1. 1115. CH. Talk by YL, and into discussion. (20/10 Prath)
*4557 Na Korea. Voice of the Nation Saving. 1400. EG. IS, ID, Freq schedule, then into news. (22/10 Zilmer)—nice
4719t Indonesia. RRI Ujung Pandang. 1230. IN. Nice variety of lite mx w/ OM anncr, lots'o QRM, so no ID. (27/10 Prath)
4725 Burma. BBS Rangoon. 1540. Burmese. Talk w/ mx in between, ID at 1543 mentioning Burma. Weak. (12/10 Schulze)—nice, ed.
4734v Mozambique. R.M. 0249. PT. Xylophone IS w/ ID's in various langs, S/O w/NA at 0255./9618 but poor, best around 0307. (26/10 Daly)(26/10 Rigas)
4740 USSR. R. Afghanistan. 0125. Tune in to flute IS, possible NA at 0127, time pips and talk by YL at 0130. Weak. (20/10 Alexander)
4760 Liberia. ELWA. 2208. EG. VOA nx, local nx, ID:"You have been listening to the news from ELWA-Monrovia", into religious programme. (22/10 D'Angelo)
4765 Cuba. Mygck Relay. 0045. RR. Instrumental mx, RM IS, (28/10 Dillon)

- 4774.5 Indonesia. RRI Jakarta. 1259. IN. Martial mx, YL w/ID and more talk to 1305, then speech. (12/10 Allan)
- 4775 Peru. R. Tarma. 1004. Mostly andean mx, OM w/tlk and ments of Peruzia. (30/10 Bobb)
- 4777 Gabon. RTG Libreville. 0430. FF. ID in FF, folk music (29/10 Schulze)
- 4780 Venezuela. LV de Carabobo. 0120. Tlk by OM, steel drum mx, S/O w/NA. (28/10 Alexander, 9/10 Bobb)
- 4783 Mali. RTV Maliense. 2154. FF. Rapid talk w/ ment of "Bamako", primitive vocal's. (4/11 Thunberg)—thanks Bob!!! (18/10 D'Angelo)
- 4785 Azerbaijan SSR. R. Baku. RR dialect. 0327. Lite classical mx, talk. //4958. (26/10 Daly)
- 4789.9 Peru. R. Atlantida. 0435. Fair signal w/ Peruvian mx, many ID's (27/10 Alexander, 12/11 Harris) (12/10 Jordan)
- 4790 Pakistan. Asad Kashmir R. 1810. Vern. Local mx, good signal. (23/10 Schulze)
- 4795 Cameroon. R. Douala. 2145. FF. Tlk about development, martial mx, mx at 2200. (30/10 Dillon & Schulze)
- Ecuador. LV de los Caras. 0205. Echo annts, instrumental mx, 0230 S/O. (3/11 Alexander).
- 4800 Lesotho. R.L. 0405. Vern. Normal prgs w/ mx, talks, etc. (12/10 Jordan)
- 4805 Brazil. LV do Amazonas. 0147. PT. Soccer match in progress w/commentary, etc. (11/10 Jordan)
- Sao Tomé e Principe. R.N. 2225. PT. Ballads, annts, choir, jingles, long flute IS at 2300 then gong, pop mx selections. (12/10 Passkiewicz, 13/10 Laskowski, 13/10 Daly).
- 4810 Gabon. Africa #1. 2215. FR. Music, DJ, & canned ID, disco at 2230. (30/10 Dillon)
- 4815 Burkina-Faso. RTV Burkina. 2300. FF. Talk on famine relief inc. EE lang speech by unknown American. (15/10 Thunberg) (18/10 Schulze)
- 4820 Honduras. R. Evangelica. 1112. SP. Mx ID given w/tlk and brief mx. (25/10 Bobb)
- 4825 Guatemala. R. Max. 2359. SP. OM anncr w/full ID & S/O annt at 2400. good sig tonite. (11/10 Trotto)
- USSR. RM. 2119. GG. ID in GG then into SP pgs//7360. (2/11 Daly)
- 4835 Mali. Bamako. 2210. FF. Exc sig after SABC S/O at 2200, pgs of lively local mx, // 4783 but not noted on 5995 and 7285. (5/11 Daly) (1/11 Swaringen)
- 4840 Venezuela. R. Valera. 0202. Lively LA Pops, sound effects. (16/10 Jordan)
- 4845 Brazil. RN do Manaus. 0255. PT. Vocal & inst. pops, effects (5/10 Jordan, 3/11 Alexander, 30/10 Bobb)
- Mauritania. Nouakchott. 2235. AA. Mauritanian guitar and man tlk in AA (1/11 Swaringen)
- 4850 Cameroon. R.C. 2110. EG/FF. News in EE, Mx accouned in FF. (20/10 Lewkovicz)
- Costa Rica. R. Columbia. 0030. SP. The "Radio Columbia" song ad for tech's, and ads for Toyotas, then talk show. (31/10 Dillon)
- 4870 Ecuador. R. Rio Amazonas. 0230. SP. Andean vocals, flute, guitar, etc. (29/10 Passkiewicz)
- 4875 Brazil. RN Boa Vista. 0045. PT. PT MOR except for ID @ 0051. (3/11 Alexander)
- 4876 Bolivia. La Cruz del Sur. 1020. Women chorus, w/Andean songs. (30/10 Bobb)
- 4880 South Africa. SABC. 0405. Afrikaans. Remote report via telephone (12/10 D'Angelo)
- 4890 Senegal. ORTS Dakar. 1850. EE/FF. Tlk in FF w/ some EE as well, first time heard in EE. (25/10 Schulze)
- 4895 Brazil. R. Bare. 0920. PT. OM w/ lively pops/ballads, ID at 0930. Good signal. (4/11 Trotto)
- 4899 Senegal. RTV Senegal. 2100-2205. Vern/FF. OM anncr, local mx and tlk in vern, ID in FF at 2200 followed by OM w/nx in FF. Poor. Not on 4890. (20/10 Buckholz)

.....And with that we end LR-A for 1985. I hope all have a very MERRY CHRISTMAS. A special thanks to those who have contributed since I've been editing (and you know who you are, as "Fernando" says, hi). December has come in with a bang at my QTH as I won the Ohio Lottery a few weeks back. It's been raining the entire month now, 14 days, and if it keeps up, I may have to start getting my pets in groups of two, hi!! Take care and CU next year!!!!!!

.....Next month is foreign members contribution month. If you live outside North America send your loggings for all columns to John Hamault in plenty of time! 73's.....

mude ☺



LOG REPORTS

section B

4900 to 6199 kHz

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

- 4900 UNID. 2338-0000* 10-20, African, poetic rdng 2345, Afr mx, log drums, interview, star-like mx, singers, off in mid-sentence, CC hrd past 0005; vy strong(Brouillette).
- 4902 SRI LANKA SLEBC, 0040 9-29, 1702 10-2 with local mx, armts, Chad QRM (Schulze).
- 4911 ECUADOR Em.Gran Colombia, F-G 10-5 0210 with local nx, remotes, promos (Jordan).
- 4915 COLOMBIA Armonias del Caqueta, very comml 0210 10-11, SP pops, EZL, TCs (Jordan).
- 4915 GHANA Accra, 2030 EG report, vernac.relig.mx and prayer 2037 (Schulze).
- 4920 AUSTRALIA ABO-Brisbane, pop mx 1900, ABC nx 1930 (Schulze).
- 4920 ECUADOR R. Quito, 0045 10-31 w/player intros at live sporting event; fair (Dillon-MD).
- 4920 INDIA AIR-Madras, 1720 on 10-1, Indian mx, Delhi nx relay at 1730 (Schulze).
- 4925 Eq. GUINEA Bata, rock mx 2150 10-2, ID, NA to 2202*; all SP, of course (Paskiewicz).
- 4930 HAITI 4VEH, FR rel.mx 0958 10-9, ID, F-G (Bobb-MN); in SF at 2200 (JB).
- 4940 VENEZUELA R. Yaracuy is back. Talk, ballads 2224 11-3, ID 2228, fair (Trotto-FL); full ID 0100, LA mx, frequent IDs and TCsm "Happy Birthday," fair (Dillon-MD); LA and EG pops 0125 11-3, ID, armts, actually 4939.8 (Alexander-PA); mx, ID 0246 11-8 (Field-M); TCs 0308 11-3 (Rigas-IL); good to 0358* 11-4 (Allen); hrd 1100 11-3 (JB).
- 4945 COLOMBIA Caracol Neiva, 1051-1100 10-19, talk, mx, ID on the hr, fair-good (Bobb-MN).
- 4945 UNID. African 2051 11-5, local afr pops, talk, quick choral tune 2056, off; fair(Daly-NY).
- 4950 CLAUDESTINE Voz de Verdadde, PT pops 0304 11-2, occas.talk, possible ID 0318; fair (Daly-NY); 0307 11-4, mostly pops, clear ID 0317, good (Allen); hrd 0308-0345* 10-8, IDs, sev.mentions of Angola, pops, nx 0334, theme mx 0358, carrier on to 0345*(Paszk'wz).
- 4953 ANGOLA ER da Huila, 11-2 with gal anncr, Afr pops, IS 2200, ID, man giving nx till 2210 fade out; poor, hvy rR! (Buckholz). Positive ID? Luanda also wandering arnd here/JB
- 4965 BRAZIL R. Poti, good with local EZL mx 0130 10-5, big ID 0135 (Rigas-IL); 0150 with US pops, EZL, ads, jingles, IDs, to 0302* (Jordan); Br.mx 0735 10-24, talk, TCs (Bobb-MN).
- 4966 PERU R. San Miguel, *0903 10-22, "Desde la capital arcologica de America . . . R. San Miguel . . ." Sig better than usual (JB).
- 4980 VENEZUELA Ecoe del Torbes, wrld nx 0200 10-26, sports, mary IDs, LA mx, good (Dillon-MD).
- 4990 ECUADOR R. Baha'i, HC mx, ID 0440 11-3, armts, NA, flute IS to 0459* (Alexander-PA); instrumentals, mary IDs during s/off anmt, then NA; 0453-0502* 10-26 (D'Angelo-PA).
- 4991 PERU R. Ancaah, 0435-0508* 10-27, good with SP pops, ID, NA to s/off (Alexander-PA).
- 4996 PERU R. Andina, ID 0451, huaynos, harp and flute, 10-15 (Thunberg-PA); weak with OA mx, talk, ID, closing anmt and NA to 0507* 11-3 (Alexander-PA); weak 0415 10-13 (Schulze).
- 5000 CLAUDESTINE R. 15 de Sept, usual format on ridiculous fvy 0400 11-4, //5570, poor under wVW (Allen); weak, unusual screaming, some "Auld Lang Syne," 0556* 11-3(Alex-r-PA).
- 5004 Eq. GUINEA Bata, fair with nx 2102 on 10-22 (Schulze); nice sig 2120 11-2, SP vocals and instrls, ID 2150, NA to 2159*; Malabo-6250 also at nice lvl (D'Angelo-PA); tune-in during long NA 0459 10-20, Afr hi-life; also next day 2045-2157* with talk, ID as R. Bata (Alexander-PA); poor 0543 10-13, YL, Afr mx, ID 0606, maybe nx (Jordan); 0554 10-13, varied mx, long talk after 0606, poor in hvy QR! (Allen). Unid. in SP 10-30, talking 0415, no ID, very poor (Field). On 5002a; may be this one, Marlin (JB).
- 5010 PERU R. Eco, SP vocals 0248 10-11, echo ID, ad string 0300 led off by Inca Cola; fair (D'Angelo-PA); rapid talk by man, 0304 10-4, ID (Paskiewicz); "We Are the World," M&W anncrs, NA to 0357*, very good sig 11-1 (Jordan); on 10-13, 0350 with talks, march mx, piano, ID, NA at 0400, 0403* (Schulze).
- 5010 VENEZ R.Nacl, usually 5020, presumed theme 11-1 0357* (Rigas-IL). Eco? See above-JB.
- 5015 USSR Arceangel, R/S Rodina, RS 0805 11-4, clas.mx, Rodina ID, fair sig (Trotto-FL).
- 5015 USSR Vladivostok, Mayak prgm 1528 11-6, clas.mx, marches, abruptly off 1600 after IS, pops, "Mayak" by OM; they just turn it off and go away (Sharpe-CA).
- 5020 SOLOMON IS. Honiara, gal talking 0835 11-4, ID, rock mx, good sig (Trotto-FL); pops at 1246 11-9, full ID 1258 incl.name and fays of regional stns; NA to 1301* (Howard-CA).
- 5030 PERU R. Los Andes, 1038-1048 10-28, TC, greeting, ID, fair sig (Bobb-MN).
- 5040 ECUADOR LV del Upano, 10-27 at 0030-0139*, very good, rock, disco, nice HC mx 0118, relig.talk 0123, NA, closing anmt, "Cde to Joy" (Alexander-PA); 0050-0105 10-10, talk, HC instrmtls, IDs, fair sig (Bobb-MN); 0050-0139* 10-6, ID 0100, nx 0124, s/off routine lasted 10 minutes! (D'Angelo-PA); mx 0120 11-3, soccer match, full IDs, very good sig (Jordan); full ID 0136 10-13, good signal (Allen).
- 5050 ECUADOR R. Jesus del Gran Poder, NA in progress 1008 10-25, mx, responsive rdngs (Bobb-MN); echo ID 1012 10-29, "Buenos Dias" sung by kids, choral mx, exc (Allen).
- 5050 TANZANIA Dar es Salaam, 1633 fade in, vernac, Afro rock, talk 1650 (Schulze).
- 5052 SINGAPORE R. Singapore, 1540 in EG, top hits, time pips 1600, into nx (Schulze).
- 5055 COSTA RICA TIFPC, gal with EG relig.prgm after R.Catolica s/off (Field-MI). 0302 11-8.
- 5055 ECUADOR R. Catolica Nacional, s/off with NA 0302 11-8, good signal, carrier stayed on

for 10 minutes with TIFC beneath (Field-MI); 1051-1100 10-28, SP instr.mx, vocal NA, man with greetings, ID, gal with prayer, fair in QRM (Bobb-MN).

5055 SWAZILAND TWR, vernac prayer 1629 10-12, relig.prgm; make it "presumed" (Schulze).

5095 COLOMBIA R. Sutatenza, EG-SP lesson, man in SP, gal in EG; into SP prgm 0300 (Schulze); educ. prgms 0300 10-27, elementary physics, how to calc.yield of nucl.bomb!(Brouillette).

5120 PERU R. Mundo, rapid ID 1025 10-29, many guitar chords, fair w/ute QRM (Allen).

5200 UNID. SF, 0328-0354 10-26, vocals, soft talk, no ID noted; poor; OA maybe?(D'Angelo-PA).

5256 INDONESIA RRI-Sibolga, 1530 daily, rpts, nx, local mx, fair sig (Schulze); pop vocals 1033 10-22, RRI 15 1101, presumed nx from Jakarta; ID 1113, Malay-type mx (JB).

5290.5 CHAD Tent. Mondou, Afr vocals 0515 11-4, vy weak, talking not readable (Allen).

5451 INDONESIA RRI-Biak, gal 1034 10-29, vocals, poor, no ID but Blak mentioned (Allen).

5880 ISRAEL kol Israel, nx, cmtry, Israeli sound, in EG 2230 11-4, fair sig (Zilmer).

5900 ISRAEL kol Israel, EG 0200-0225 10-27, peace proposals, "Spotlight" prgm, enery cooperation (Brouillette); talk about Hebrew language, 0215 11-1 (Rigas-IL).

5900 SPAIN RLE, EG 2300 11-4, fair with nx, cmtry, wx, mx, culture (Zilmer); 2353-2400* 10-15, SP language course in EG, ID 2359, said //5960, 7105; fair (Trotto-FL).

5915 ISRAEL kol Israel, EG 0000 11-4, nx, cmtry, "Calling All Letnrs." DX prgm (Zilmer).

5915 USSR RM, EG DX prgm 2348 11-4, tips and answers, good signal (Zilmer).

5930 CZECHOSLOVAKIA Prague 0100 10-18, EG nx, cmtry, Newsview, poor-fair (Mosier-CA).

5960 USA WYFR, EG ID by gal at *0600 10-18, mx, Family Bible Study, fair sig (Trotto-FL).

5975 COLOMBIA R. Macarena, 1058 on 10-5, anmts, TC, mx (Faszkiwicz).

5975 ENGLAND BBC WS, "Farming World" 2357 10-10, ID, TC, world nx, Ns Abt Britain (Dillon-MD).

5980 CUBA Havana, EG ID 0534, "Musical QSL" prgm, fair sig 10-18 (Trotto-FL).

5985 UZBEK SSR Tashkent, EG nx 1205 10-20, ID, talk on rights and equality (Prath-FL).

5990 ENGLAND BBC WS, "Music Now" prgm 0048 10-18, ID 0100, headlines, "Outlook" (Trotto-FL).

5990 ITALY RAI, EG nx, mx, 0100 on 11-5; poor overall, replaces 6010 (Zilmer).

5990 JAPAN NHK, EG nx 1500 11-3, current affairs, to N.Am, replacing 9505; good (Zilmer).

5995 AUSTRALIA RA, Austr nx 1230 10-8, good sig, anti-jellyfish pantyhose on lifeguards (Mosier).

5995 ENGLAND RCI relay, FR into EG 2000 10-18 (Trotto-FL); EG nx, mx, ID 2020; poor (Bobb-MN).

5995 USA VOA-Greenville, Jazz Hour, good rcpr, 0310-0330 11-2 (Bonnet-IN).

6000 AUSTRIA Vienna, EG nx 0430, cmtry, mx of composer, good 10-12 (Mosier-CA).

6000 CUBA Ha., EG talk about star wars, 0230 11-4, ex-6170 (Rigas-IL); EG 0000 11-4 (Zilmer).

6005 CANADA CFCX-Montreal, EG 1204 10-28, nx, fair signal (Nagel-PA).

6010 PERU R. America, 0655-0720 10-26, weak beneath BBC, SP pops, Lauper, ID (Alexander-PA).

6015 VATICAN Vatican Radio, EG nx, religious editorials, good 10-21 0100(Lewkowicz-MA).

6020 HOLLAND RN, "Happy Str" prgm *0130-0224* 10-14, mx; prgm is in 57th yr (Dillon-MD).

6020 NETH.ANTILLES RN-Bonaire, 1030-1050 10-9, FG, ID, Newsline prgm, good sig (Bobb-MN).

6025 BOLIVIA R. Illimani, 1015 10-9, drama, not all SF, ID, F-G till RN QRM (Bobb-MN).

6029 CHILE R. Santa Maria, Coyhaique, hrd 11-4, opening with orch.mx 0924, lengthy opening annt, IDed 0930, "Esta es R. Sta Maria de Coyhaique." Couple of religious numbers, choruses. Much depends on AFRTS-6030; this is the het on their low side (JB).

6035 AUSTRALIA RA, wx at 2027 11-3, ID, nx, good signal in light QRM (Trotto-FL).

6040 ANTIGUA DW relay, 0059-0115 10-9, IS, ID, EG nx, very good signal (Bobb-MN).

6044 INDONESIA RRI-Jakarta presumed, pretty regular most days arnd 1100 (JB).

6070 BULGARIA Sofia, *2200 in Italian 10-27, nx by gal; not Bulgarian as in WRTH (Prath-FL).

6070 E.GERMANY RFI, *2315 10-12, IS, EG s/on with nx, heavy QRM (Prath-FL).

6080 TURKEY Ankara, fair in EG 0338, nx 0400, 10-30/31 only, must have been an error(Howard-CA).

6090 LUXEMBOURG R. Luxembourg, GM, pops non-stop, ID 2211, fair-good (Bobb-MN).

6100 LESOTHC BBC *0355, Lesotho presumed tho always has Ascension ID; WRN0-6185 QRM (JB).

6100 CUBA Havana, //6080, EG 0450-0600 10-7, nx, interviews, history; also //5980,6090,9740

6105 MEXICO Su Pantera, LA mx 1300 10-27, Merida mentions, EG pops (Prath-FL). (Jordan).

6115 COLOMBIA LV del Llano, vocals, quick IDs, full ID 0200 10-6, into LA mx (D'Angelo-PA).

6115 NICARAGUA LV de Nicaragua, nx in EG at 0215 on 11-8 (Field-MI).

6120 CANADA BBC relay, "Book Quiz" 2358 10-7, ID, TC, nx, "Nx Abt Britain," fair(Dillon-MD).

6120 NICARAGUA R. Zinica, SF nx 1120 10-9, CA nx, propaganda, IDs, fair-good (Bobb-MN); ID at 1125 on 11-7, mixing with another SP stn (Field-MI).

6125 E.GERMANY RFI, EG nx 2135 10-27, ID, mx (Prath-FL); sports 2205, good 10-28 (Nagel-PA).

6130 W.GERMANY DW, PT at 2050 11-3, ID, light rock, good signal, wx static (Trotto-FL).

6130 USSR RM, EG interview with California visitors, 2340-2350 on 11-4 (Swaringen-FC).

6145 W.GERMANY DW, GM and FG mx program, M&W anncrs, vy enjoyable, 0325-0400 10-26 (Bonnet-IN).

6150 AUSTRALIA Buch-lyndhurst, 30s mx 1010 10-12 (Dillon-MD); 1205 10-21, nx (Thunberg-PA).

6155 ROMANIA Arest, FC 0426 10-28, disarmament talk, closing, fair signal (Nagel-PA).

6160 COSTA RICA R. Impacto, mx 0223 11-9, IDs, TCs, nx 0300 (Field-MI); 0226 11-7 (Rigas-IL).

6165 NETH.ANTILLES RN-Bonaire, good 0300-0322* 11-5, mx from the past (Bonnet-IN); 0613 on 10-27 answering letters about the Dutch government (Mosier-CA).

6170 USSR RM, Nam Servc, 0040 10-13, Johnny Cash mx, opera, ID, splash both sides(Dillon-MD).

6175 ANTIGUA BBC WS relay, ID 0000 10-9, world nx, Nx Abt Britain, good signal (Dillon-MD); 0235-0300 11-2, varied mx including the Boogie Woogie Boys--good show (Bonnet-IN).

6180 BRAZIL R. Nacional de Amazonas, 0800-0815, man with ID, talk, mx; good, NF (Bobb-MN).

6186 VATICAN Vatican Radio, 0600 10-17, FR to EG, IS, ID, "The Pope & The People" (Allen).

6190 VATICAN Vatican Radio, 2105-2110 11-3, EG ID, talk on war and religion, ID, IS at 2110, good signal. +++ Hope everyone has a Very Happy Holiday! 73--



LOG REPORT

section C

6200 to 11699 kHz

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

ON THE WAVE:

Firstly, and most importantly, here's wishing everyone in NASWA land a fine holiday season... Let's make some SWL-converts over this gift-giving season; I remember the day I received my first shortwave radio (some manual Radio Shack model) --I was up all that night marveling at picking up such "exotic" voices like the BBC and Deutsche Welle-- so why not introduce some other unsuspecting people to our hobby?... Secondly, a well-deserved thanks to all "LRC" contributors this past half year; now, how about some new faces sending along those familiar one-inch strips... Thirdly, I'll single out Bob Nagel for persistently and dutifully (dutifully?) slapping a twenty-two center on his envelopes and sending his log contributions (financial or otherwise... just kidding, heh-heh) directly to your editor. If he'll go out of his way, I'll take the time to acknowledge it. I doff my cap to you, Bob.

A nice batch of loggings this month. Here we go...

- 6200 USSR R.Kiev 1710 GM, report "Resonant" (Schulze-FRG 10/1)
- 6205 ITALY AWR 2045-2102 EG, rel pgm, too wk to catch many pgm details but hd ID at 2100; Forli, IT adr for repts (Alexander-PA 10/20) 2144-2156*EG, for recp repts ment wld appreciate IRC's. Back on air at 0800 in FR, sio 242 (D'Angelo-PA 10/22)
- 6215 ECUADOR HCJB 0630 EG ID, into Nordic pgmg (Alexander-PA 10/20)
- 6250 VATICAN CITY VR 0537 lang?; ntd down fm usu 6252; IS, ID, opng anmts; EG ntd at 0612 tune-by (Alexander-PA 10/26) 0632-0656 Mass in Latin; f (Nagel-PA 11/2)
- 6560.5 CLAND. R.Venceremos 0108-0113* SP, ID & OM sta info -seemed to list an FM fqcy, but missed it (Allen 11/4)
- 6565 CLAND. R.Venceremos 0305 SP, anti-Duarte tx, lively mx, also on 6560 0328 10/26 (Paszkievicz 10/25)
- 6724.4 PERU R.Satelite 0032 SP, YL w/long-winded tx (politically oriented?), ID, brf quit. interludes (Allen 10/13)
- 6995 W.GERMANY RFE-USSB 0556-0605 BLG, tx, IS, ID, nx; f (Trotto-FL 10/31)
- 7065 ALBANIA RTR 2210 EG, tx: AL Communist Party; g (Nagel-PA 10/12)
- 7105 USSR R.Stansiya Rodina *2330-2335 RS, IS, ID, nx; f (Trotto-FL 10/15)
- 7110T ETHIOPIA VORE 0404 Amharic?; tx, indig.mx aft 0410 w/brf anmts; poor w/CW QRM (Allen 10/13)
- 7115 BULGARIA R.Sofia 2145 EG, Listeners Letters, Sunday Special (Prath-FL 10/27) 0400 EG, vy wk sig., cld barely ID, nx (Mosier-CA 10/22)
- 7125 VATICAN VR *0215-0225* Hindi, ID in EG by W, then said now Hindi prm; M/tx; fair (Trotto-FL 10/30)
- 7145 POLAND RPol. 2320 Piano concerto (Levison 10/2) //7270.
- 7180 USSR RMWS 2211 EG, "Youth Parade," f (Nagel-PA 10/12)
- 7190 PORTUGAL RFE rel. 0101-0118 RS, wld nx, ID by correspondent "Radio Svoboda New York"; QRM 7195, f (Dillon-MD 10/13)
- 7200 SOMALIA R.Mogadishu 0300-0310 Somali, NA, amcr, into Somali mx; g sig (Buckholz 11/6) ...0333 fade out; Koran, tx, male vocals, het & ute (Paszkievicz 10/3)
- 7205 AUSTRALIA RA 1600 EG, nx, //6035, xlt.sig (Schulze-FRG 10/13)
- 7215NFq BULGARIA R.Sofia 2133-2143 EG, IS, ID, nx; sig f (Trotto-FL 11/3)
- 7225 RWANDA R.Deu.Welle relay 0510-0520 EG/FR, End o/EG pgm to E.Afr., ID, into 35 min.pgmg in FR (D'Angelo-PA 10/6)
- 7225 TUNISIA RTT 0630-0700 AR/FR, OM w/walls & chants plus group and flute back-up; 0632 FR ID, anmts, tx; AR px at 0642; FR back at 0653; f-p (Jordan 10/13) 2250-2305 AR, AR mx, tx, poss. nx at 2300 (Swaringen-NC 11/1)


- 7255 BOTSWANA R.Bo.*0355 Set., Interesting IS, NA, ID in EG, fq.anmts, xlt.sig //4820 (Mosier-CA 10/17) *-0406 Set/EG, choral NA at 0359, an'd //4820,5955 (not heard), as mx began noted HAMS- "oh, God, there goes the mx"(D'Angelo-PA 11/2)
- 7255 NIGERIA VN 0516 EG, pop mx; f (Nagel-PA 10/19)
- 7285 W.GERMANY DW 0240-0250* EG, GM lang course, Morning Magazine, ID, Asian Svc-, sig good (Trotto-FL 10/19)
- 7325 USA VoA (Grv) 0703-0710 EG, wld nx, ID, "Sat.Morning" (Trotto 11/2)
- 7352.5 CLAND. (Guatemala?) LV del CID 2340 SP, Romance ballads and Lam pops; ID at 2348 (Thunberg-PA 10/23)
- 7395 GREECE VoG 0042 Greek music (Levison 10/11)
- 7400 CLAND. LV del CID 0240-0320 SP, //9940 vp, f/out at 0250; tx, Nicrg.mentn, Cuba, Chile, Guatemala; nx hdlns at 0248 then pop mx seg w/SP & US pop/rk/ezl; 10 min nx at 0300 fol'd by ezl.mx; f-p (Jordan 11/3)
- 7400 Lith.SSR R.Vilnius *2300-2330* EG, ID, wld nx, cmtry on UN's 40th aniv., tx: autumn mx festival, sio 333 (Jordan 10/24)
- 7400 Ukr.SSR R.Kiev 2455-2458* EG, ID, new sched.; g (Trotto-FL 10/27)
- 7430 GREECE VoG 0113 GK, //9420,11645; Mailbag;g (Rigas-IL 10/30)
- 7490 PORTUGAL Deu.W. relay -USSB *0530-0540 SLOVAK, IS, ID, tx site, M/tx, nx, fr sig (Trotto-FL 10/31)
- 9022 IRAN VOIRI 0245-0315 Parsi?, a capella voc., chanting, nationalistic song to poss ID, 0300 anmts; 222 (Jordan 11/1)
- 9355 CAMEROUN RCam 2054-2120 EG, Hilife mx, 2117 nx (D'Angelo-PA 10/3)
- 9385 ISRAEL IBA Hebrew HS (exp. EG 1800-1815) PGM "A" 1750-1830+ HB/EG, folk mx sexns w/voc. & instr, ID in HB @1800 plus anmts, then 15 min.nat'l,wld & Mid.East nx (Jordan 11/3)
- 9399 GREECE R.St.Macedonia 2054 GK; fr w/GK pop mx, TC and ID at 2100 and back into more mx; fair (Rigas-IL 10/26)
- 9420 GREECE VoG 2125-2145 GR, mx px, ID, tx, more mx (Bobb-MN 10/28) 0343 EG, YL w/nx; most items abt Greece;f (Mosier-CA 10/12)
- 9435 ISRAEL Kol I *0130-0155* PT, IS, ID, nx, LA voc 0145, txs and interviews; f/p rec. 0200 EG (Jordan 10/16)
- 9440 CHINA VoDemocratic Kampuchea 0000 lang, YL/ID, tx, local music, sio 333 (Zilmer 11/1)
- 9490 USSR R.Magailanes (xmsn to Chile) via RM 0320-0400* SP, W/tx, SP mx, 0330 IS, s/on anmts, IDs, M&W/tx, intvws (Jordan 10/11)
- 9500 ALBANIA RT *1800-1829* FR, ID, anmts, nx, folk mx; f (Jordan 10/5)
- 9535 ANGOLA? Vo Namibia via Angola 1633-1700 EG/unid lang. YL w/ID in EG, nx abt Namibia, 1643 a full ID, modern Afr.mx, 1645 cmtry by OM on S.Afr. presence in Namibia, 1655 ID Radio Nacional de Angola, then tx in lang? (Sharpe 11/6)
- 9450 POLAND RPol. 1735-1800* EG, nx, ID, cmtry; good (Trotto-FL 11/4)
- 9550 CHINA RBei. 2000 RS, IS, ID, abt 2005 jamming (Schulze-FRG 10/13)
- 9550 SWAZILAND TWR 2016 Ven, rel pgm; sig 54444 (Schulze-FRG 10/13)
- 9555 MEXICO La Hora Exacta 1547-1552 SP, M&W/tx, ID; g (Trotto-FL 11/4)
- 9560 TURKEY VoT 2305-2330 EG, nx on NATO, TK government, "Letter From Turkey" discussed int'l terrorism (Swaringen-NC 11/1)
- 9570 JAPAN NHK (via Moyabi, Gabon, cf. WRTVH Nxletter 5/85) *0400-0431 RS, mx box IS, IDs in JP & EG, nx, lt clasc mx @0412, then tx abt US/USSR arms tx, ref to "Star Wars" (Jordan 10/6, also: Nagel-PA 10/13)... 0432-0600* Multi langs, ID, anmts, presm'd nx In SWD, pop voc in SW 0444; fq & tgt areas in IT @ 0447, 0501 pgm in GM; 0531 FR, sio 444/434 (Jordan 10/6)
- 9575 ITALY RAI 0100 IT, ID in IT, then car.open 10+ min. no EG pgm this eve! Maybe ancr called in sick (Mosier-CA 10/17) 0100-0120 EG, nx, mx; p (Nagel-PA 10/15)
- 9590 NORWAY RNI 2205-2230* EG, rpt on whaling & protest fm.Grnpcce tp Nor., then Letter fm. Nor., ID, s/off; g (Trotto-FL 10/27)
- 9505 VATICAN VR 0050 EG, tx: St. Brendan's expd to NA (Mosier-CA 10/22)
- 9610 AUSTRALIA 6WS, Perth 1511-1605* EG, CW mx px, ID, nx (Bobb-MN 10/8)
- 9610 AUSTRALIA VLW9 1348 EG, jazz, nx, symphony (Levison 10/30)
- 9615 GREECE VoA *0500-0510 CZK, IS, ID, nx; fr, QRM KGEI (Trotto-FL 10/28)
- 9615 PORTUGAL Deu.W. relay 1930 HNG (pgm details? -ed.) (Green 11/3)
- 9615 S.AFRICA RSA 0200 EG, IS, ID, nx, PO Box 4559 pgm (Mosier-CA 10/27)
- 9620 USSR ARSFSR-FE Lazarev? (Listed URSC Guide last yr) 0228-0300 RS mx by lg choral gps --serious sounding stuff; clasc piano, 0300 when RSA QRM replaced by missionary stn (lcl) (Sharpe 11/6)
- 9625 CANADA CBC N.Que.Svc 0126-0201 EG, vid.revws,rk mx (Dillon 10/13)
- 9625 W.GERMANY R.Liberty 0350-0405 RS, ID as R.Svoboda, IS 0400, nx by W, ID, sig poor (Trotto-FL 10/13)

- 9635 BRAZIL R.Aparecida 0140 PT, ballads, opera type mx, LA mx, ID, FC, sev.anmts 0200 (Paszkiwicz 10/5)
- 9635 USSR RM 0430 EG, Tx on people relocating to outlying areas (eg. Siberia) for better pay;reloc forced or not? (Mosier 10/11)
- 9640 ALGERIA R.Alg. 2024-2030* EG, rk mx, ID, sio 222 (D'Angelo-PA 11/2)
- 9640 SWAZILAND TWR *0333-0343 lang?r, IS, ID, lang pres'd E.Afr "local" (Pedi), Afr.voc,tx @0430, sio 343 (D'Angelo-PA 10/29)
- 9645 COSTA RICA TI Faro del Caribe 1215 SP, rel mx pgm //5055, 6175 (Prath-FL 10/27) 0320-0350 EG, lively SP voc, ID 0325, radio drama, rel pgm aft 0340, sio 232/222 (Jordan 10/22)
- 9645 JAPAN RJ NHK 0015 EG, nx; replaces 15300; sio 311 (Zilmer 11/5)
- 9650 ANTIGUA DW relay, 0929-0940 EG, Sunday Panorama (Bobb-MN 10/27)
- 9655 NORWAY RNo. 2015-2030 NO, EG ID, tx & songs;f (Bobb-MN 10/19)
- 9670 N.MARIANNA IS. KFBS 1300-1310 EG, ID, Bible rdg (Trotto-FL 10/27)
- 9670 PHILIPPINES FEBC R.Int. 1415 EG, interview on career choices, pgm guide, nx at 1430; sio 333 (Zilmer 11/1)
- 9680 AUSTRALIA VLH9 0952-1009 EG, clasc mx; fair (Dillon-MD 10/12)
- 9680 PORTUGAL R.Renascenca *1800-1810 PT, IS, ID, nx, tx;g (Trotto 11/1)
- 9685 ALGERIA RAL. 2015 EG, nx of Afr., fair sig, also poor on 15215 and very gd on 17745 (Daly-NY 10/12)
- 9690 ARGENTINA RAE 0100-0157 EG, Arg nx, ID, wkly nx revw, tango mx, DW QRM to 0150 //11710(p); f (Dillon-MD, Bobb-MN 10/28) 2345 tango mx, garbled (Levison 10/1)
- 9695 SWEDEN RSI 1400 EG, nx, Wkday, SW Calling DXers (Zilmer 11/5)
- 9700 PHILIPPINES R.Veritas Asia 1430 EG/lang, IS, ID in EG, into px in lang; move fm 9695; sio 333 (Zilmer 11/5)
- 9745 CUBA RHC 0506 EG, nx; good sig (Nagel-PA 10/19)
- 9765 ASCENSION IS. BBC WS 0115-0125 SP, IS, ID, tx;fr (Trotto-FL 10/14)
- 9810 USSR ARSFSR-FE Khabarovsk 0458-0542 RS, OM, YL, Isvestia nx, soap opera, no mx (Sharpe 11/6)
- 9820 USSR RM WS 1235-1300 EG, tx: running their gov't, mx, future pgms listed, sports, mx, sched; gd (Bonnet-IN 11/5)
- 9840 KUWAIT RK 1930 AR, cmtry (Green 11/2) 2045-2115 AR, AR mx, intvw, ID, wld nx at 2100, song by Umm-Kulthum;f (Dillon-MD 10/10)
- 9850 EGYPT R.Cairo 2040-2115 AR, Domestic svc, AR mx;f (Dillon-MD 10/11)
- 9860 CHINA RBei. 0438-0455*CH, YL in CH, CH opera mx (Sharpe 11/6)
- 9870 SAUDI ARABIA BSKSA 1830-1905 AR, (WRTH '85 lists this as relay of AR home svc), many ments of Iraq & Syria, Dramatic patric. mx at 1840 w/voice over by same OM; ID 1845 fol'd by more tx, local instr mx 1850, sio 232,222 (Jordan 11/4)
- 9870NF SWITZERLAND SRI 1330-1400 EG, new fq to India, ID, nx, "Dateline" on S.Afr, journalist's ban, Afr. imigrtn to Switzerland, f-g sig via longpath (McLemore-FL 11/4)
- 9955 SYRIA R.Damascus 1331 AR, EG pop mx, then AR nx and ID 1400, fr sig. (Rigas-IL 10/30)
- 9957NF ICELAND ISBS 1905-1925 ICL; W/tx, poss.nx, ment. Reykjavik, mx px 1920, hrd bits & pieces o/folk w/flute and accordion; QRN,QSB,QSD,QRK problems (Jordan 10/26)
- 9960 CLAND. R.Caiman *1200-1315* SP, Opening theme "Siboney," OM w/clr ID, anmts & fqcs then to "Radiorama" px with mx items on Angola, Cuba, Nicarg.; mx bridge; econ txs; US pop and heavy rock, ID @1300 & 1315; sio 544/444 (Jordan 10/14)
- 9977 N.KOREA R.Pyongyang 1126 EG, mx, editorial on electronics, automation and industry; sio 434 (Lewkowicz-MA 10/28) 1211-1215 EG, tx on Yugoslavia; p... 2300-2305 SP, ID, Song to Kim Il Sung; f (Nagel-PA 10/28)
- 11040 CHINA R.Peking 0015 Music vocals (Levison 10/25)
- 11585 ISRAEL Kol I 1800-1815 EG, nx and wld nx; 242 (Zilmer 10/29)
- 11690 SPAIN REE(SFR) *1830- EG, nx, current events, speeches, fqcy sched, mx; sio 232 (Zilmer 10/29)

From "LRA" Editor Mike Harris comes a "postscriptal" note to last month's logging of Voice of Namibia/Radio Freedom (9595). Mike wrote that these clandestine stations are broadcast via the Vo Rev. Ethiopia (i.e. no secret transmitter site) every day at 1900 on 9595.

Again, best holiday wishes for everyone out there, and good receptions all around. Till next. Good-day---

Peter Dingle



LOG REPORT

section D

11700 and above

Editor: Wallace C. Treibel, 357 N.E. 149 St., Seattle, WA 98165

- 11705 MONTERRAT D.W. relay in EG 0500, mx, "Sunday Show", f (Zilmer NM 11/4)
- 11705 GABON RFI relay in EG 1630, listener's mailbag pgm, echo effect (Laskowski IN)
- 11715 LIBERIA VOA relay Monrovia in PT 1730, IS, ID in EG, mx, p (Park HI 10/25)
- 11730 RWANDA D.W. relay in GM 0027-0040, mx, IS, sports, f (Dillon MD 10/13)
- 11730 UNITED ARAB EMIRATES R. Dubai in EG 1559, ID, reception rpts (Vadino WA 10/12)
- 11740 MADAGASCAR R. Netherlands relay in FR 1935-2025*, tlks, ID, f (Jordan PA 10/27)
- 11755f IRAQ R. Baghdad in AR 0400-0430+, impassioned vocals, tlks, many mentions of Iraq and ID seemed to be per WRTH '85, g (Jordan PA 11/1) ED: Seychelles is also listed in AR this freq. at 0400+. Difficult task to ID given these conditions.
- 11780 BRAZIL R. Nacional Amazonia in PT 2310-2325, ID 2320 (Swaringen NC 11/4) drama px ID, string of ads, melodrama all in PT 0108-0130, f-g (Dillon MD 10/14) ID's and promo slogans at s/off in PT 0332, //15225, vg (Jordan PA 10/26)
- 11785 ANTIGUA D.W. relay in SP, mailbag show, p (Park HI 10/7)
- 11805 BRAZIL R. Globo in PT 2156-2330, long pgm of great moments in Brazilian soccer, Interviews, ID, political by candidates for mayor of Rio (Brouillette IL 10/20)
- 11815 NETHERLANDS ANTILLES TWR Bonaire in EG 1230, ID, "Way to Life" (Mosier CA 10/7)
- 11835 LIBERIA VOA relay Monrovia in EG 0258, IS, ID, mx, "Daybreak Africa", p (Park HI)
- 11850 NORWAY RNT in NO 1615, ID in EG then into NO (Vadino WA 10/12)
- 11856 BRAZIL R. Aparecida in PT 0105-0258*, mx w/little tlk, ID, //5035 (Alexander PA)
- 11875 NETHERLANDS ANTILLES TWR Bonaire in PT 2254-2328, relig. tlk, interview of missionary, IS, ID (Brouillette IL 10/6, Bobb MN 10/21)
- 11900 SOUTH AFRICA RSA in PT *1900, xsmn to Europe (Green TN 11/3) also in GM 1758, IS, ID's in EG & GM, NA & time pips, f (Park HI 10/31)
- 11905nf USA KCEI Dallas in EG 1715-1900*, live church service, EZL mx, "Dallas Today", ID, phone-ins (Trotto FL 11/4, McLemore FL 11/3)
- 11925 BRAZIL R. Bandeirantes in PT 2242-2307, mx briefs, wx, pop mx, 8 pips 2300, long PSA encouraging people to be honest on their income taxes (Brouillette IL 10/6)
- 11930 FRANCE RFI in EG 1604-1615, mx, "Paris Calling Africa", ID 1607 (Trotto FL 11/4)
- 11945 FINLAND RF in EG 1403-1410, mx, wx, ID, "Compass North", f (Trotto FL 10/12)
- 11945 CHINA R. Beijing in RS 1800, IS, ID's, mx, jammed at 1804, p-vp (Park HI 10/25)
- 11955 UNITED ARAB EMIRATES Dubai in EG 1617-1625, "Zionism Today", ID (Trotto FL 11/4)
- 11960 ISRAEL Kol Israel in HB *1830-1835, IS, ID, mx, f (Trotto FL 11/4)
- 11970 CUBA RHC in Guarani 2215-2218, tlk about med services in L A (Brouillette 10/6)
- 11995 FRANCE RFI in EG/FR 0345-0355+, xsmn to L Am, items on political problems in Argentina, So. Africa etc (Jordan PA 10/26) ED: Isn't this F. Guiana relay? SWITZERLAND SRI in IT 1630-1645, tlk, ID, light mx, g (Trotto FL 11/4)
- 12030 EGYPT R. Cairo in AR 2045-2112, AR mx, ID, lang pgm, mx, TC (Dillon MD 10/15) also in AR 2319, local mx, vocals (Levison PA 10/24)
- 12113nf ICELAND Reykjavik in lang. 2316, piano mx (Levison PA 10/1) ED: Not listed in WRTH or Radio Database International. Anyone else catch this one?
- 13635 USSR RM via Armavir in PT 0347, mx? sounded anti-US, double echo, f (Park HI)
- 13700 IRAQ V. of the Masses in AR 1845-1905, AR mx, pips, ID, p (Dillon MD 10/14)
- 13770nf NETHERLANDS RN in EG 1430-1525, mx, cntry, "Shortwave Feedback", mx, ID, F (Zilmer NM 11/1, Trotto FL 11/2)
- 13797 ICELAND Reykjavik in lang 1334-1354**, abrupt s/off, remotes (D'Angelo PA 10/26)
- 15115 ECUADOR HCJB in EG 1215-1300, relig pgm, hymns, g (Bonnet IN 11/2)
- 15135 BRAZIL R. Record in PT 2356-0005, ID, ad for futbol game (McLemore FL 1/5)
- 15150 CANADA RCI in EG 2154, end of Hauser's DX report, //11945 (Park HI 10/19)
- 15150 USSR R. Moscow in EG 1215, "Listener's Forum", tlk re US "Star Wars" pgm, mx (Bonnet IN 10/20) also in EG 1430-1500*, Russian jazz, Mayak IS (Bobb MN 10/22)
- 15160 ECUADOR HCJE in SP 1810-1900, symphonic mx, ID, g (Bobb MN 10/8)
- 15260 ASCENSION IS. BBC relay in EG 1620, "Science in Action", g (Park HI 10/18)
- 15270 UNITED KINGDOM VOA relay in Estonian 1444-1600, tlk, mx, ID, IS 1500, into Lithuanian until 1530, back to Estonian, Latvian 1600, f (Trotto FL 10/12)
- 15285 PORTUGAL Lisbon in PT 1750, local mx w/vocals (Levison PA 10/12)
- 15310nf SWAZILAND TWR in Venecidas? 1528, IS, s/on in EG, into lang. (Schulze, W. Germ.)
- 15325nf SYRIA Damascus in EG 1205+, mx mostly on mid-east politics, ID, mx (Jordan 10/25)
- 15330 PHILIPPINE IS. VOA UN relay in EG 1900, UN overture, ID, sked (Park HI 10/22)
- 15335 MOROCCO PTVM in AR 1313-1345, mx, ID, AP orch mx, deep fades (Dillon MD 10/14) also in AR 1750-1805, wild & exotic mid-east vocals, ID, Afro chants (Jordan PA)

- 15400 FINLAND RF in EG 1200, nx, press review, wx, "Airmail" pgm (Liewkowicz MA 10/28)
- 15420 JAPAN RJ in EG 2305, nx, current affairs, DX pgr, Tokyo top 10 (Mosier CA 11/3)
also in EG 0100, nx, cmntry, mx, replaces 17755, f (Zilmer NM 11/4)
- 15425 AUSTRALIA ABC Perth in EG C840, DJ playing mx, ORM 15430, f (Park HI 10/22)
- 15425 ISRAEL Kol Israel in FR 1135-1200*, nx, interview, mx, p (Dillon MD 10/13)
- 15505 KUWAIT RK in AR 1450-1515, chants, ID 1500, mideast nx, g (Jordan PA 10/26)
- 15520 CHINA R. Beijing in SP 2330, nx (Levison PA 10/8)
- 15540 USSR R. Moscow in EG 1401-1410, world service, nx, f (Nagel PA 10/19)
- 15560 NETHERLANDS ANTILLES RN relay in DT 2140, "Kontext" newsmagazine (Park HI 10/27)
- 15575 SOUTH KOREA RK in EG 2324, cmntry on 1988 Olympics (Levison PA 9/30)
- 15585 USSR R. Moscow in EG 1330, local and pop mx, jazz, f (Zilmer NM 11/4)
- 15590 BELGIUM BRT in EG 1300-1330, nx, history of public radio, spts (Bonnet IN 11/5)
- 17570 SWITZERLAND SRI in EG 1530, nx, dateline, freqs, Mideast beam (Zilmer NM 10/30)
- 17575 MDAGASCAR RN relay in DT 1056, "Terms of Endearment" theme (Park HI 10/20)
also in EG 1430, nx, pgm beamed to Asia, f (Zilmer NM 10/31)
- 17595 BELGIUM BRT in DT 1148-1201, DT/EG pop mx, freqs, IS, ID (Dillon MD 10/26)
- 17630 ISRAEL Kol Israel in HB 1201-1230, nx, ID, Israeli pop mx, vg (Dillon MD 10/26)
- 17645 USSR R. Moscow (FE) in lang. 1311-1335, tlks, mx, IS 1329, ID (Dillon MD 10/26)
- 17650 CHINA R. Beijing in SP 0152, classical mx for Span guitar, p (Park HI 10/13)
- 17660 PAKISTAN RP in lang. 1440, local mx, slight buzz marred sig (Levison PA 9/29)
- 17670 EGYPT R. Cairo in AR 1615-1704, tlk about navies, AR mx, ID, Quran recitation,
drama, nx, f (Dillon MD 10/26)
- 17755 JAPAN RJ in EG 2306, world nx, cmntry on Hungary's economy (Feeley GA 10/13)
ED: see 15425 above re repl of this freq. in November.
- 17755nf7 UNITED KINGDOM BBC in EG 1825-1835, "Newsdesk", ID, class mx (Trotto FL 10/12)
- 17770 SPAIN RNE in SP 1841-1850, ID, mx, tlks about SWL, g (Trotto FL 10/12)
- 17780 ITALY RAI in IT *1700-1735, IS, ID, world nx, tlks w/jazz bkpg (Jordan PA 10/26)
- 17790 ECUADOR HCJB in EG 2147, "Unshackled" from Chicago, p (Park HI 10/12)
- 17805 INDIA AIR in Konkani? 0431, mx from "Gandhi", ID, nx, p (Park HI 10/10)
- 17850 USSR R. Moscow via Khabarovsk in EG 2207, nx, "The Soviet Way of Life", ORM, f
(Park HI 10/22) also in EG 2108, nx, tlk on Gorbachev speech (Mosier CA 10/20)
- 17865 VATICAN STATE VR in VT *1230, IS, bells, reliq tlk beam to Asia (Prath FL 11/2)
- 18080 UNITED KINGDOM BBC in Mandarin 1215-1245*, tlks, poss nx, dramatic instrumental
mx, EG "pub" sing-a-longs, ID, g (Jordan PA 10/26) also in Somali 1442-1455, nx,
ID at 1445, tlk, mentions of VP Bush, g (Trotto FL 10/15)
- 21505 CZECHOSLOVAKIA R. Prague in CZ 1515, ID 1516, tlks, nx, f-p (Trotto FL 10/15)
- 21550 GABON R. Japan relay in EG 1530-1545, ID, "Let's Learn Japanese" (Trotto 10/15)
- 21555usb SWEDEN RS in SW 1545-1558*, tlks, several ment of Stockholm, f (Trotto 10/15)
- 216807 NETHERLANDS ANTILLES RN relay in DT *1730-1740, IS, ID, world mx (Trotto 10/15)
ED: WRTH and RDI both list 21665. Has RN moved back 5 khz?
- 21695 UNITED ARAB EMIRATES Dubai in AR 1251, mx, vocals (Levison PA 10/14)
- 21745 PORTUGAL R. Liberty in RS 1300, tlks, IS, ID, nx, //21735 (Prath FL 11/2)
- 21770 SWITZERLAND SRI in EG 1530, nx, "Dateline", f (Zilmer NM 10/31)

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Only 12# loggings received this month compared to 300 this summer. However, there must still be some good DX in the upper spectrum as the above will attest. Some of those received were repeats of items published last month and thus were not relisted this month. Please refer to the November issue for a comprehensive update. Again, I much appreciate the efforts of those who took the trouble to arrange their loggings in frequency order and band them together. Another reminder to include the time of the logging (in GMT). I did not include a couple of loggings since they omitted this essential information.

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

FRENEX CONTRIBUTORS LIST ---- DECEMBER, 1985 ---- DEADLINE 12th MONTH

Brian ALEXANDER, Mechanicsburg,PA.; Kirk ALLEN, Ponca City, OK.(NRD-515); Norman BOBB, Minneapolis,MN.(R1000); Arthur BONNET, W.Lafayette,IN.(DX400); Ralph BOWDEN, Mentone,CA.(FRG7700); Paul BROUILLETTE, Schamburg,IL.(R71A); Brian BUCKHOLZ, Sterling, VA.(RF3100); Richard D'ANGELO, Wyomissing,PA.(R70); Tom DALY, Pomona, NY.(NRD-515, CR2021); Peter DILLON, Columbia,MD.(DX400); Jim FEELEY, Norcross, GA.(R2000); Jerry GREEN, Maryville,TN.(FRG 7700); Rufus JORDAN, Pittsburg, PA.(DX302, Zenith Transoceanic); Tom LASKOWSKI, South Bend, IN.(ICF2001); Harold LEVISON, Philadelphia,PA.(R70); Abe LEWKOWICZ, So.Weymouth, MA.(R2000,FRG7000,SPR4); Travis McLEMORE, Clearwater,FL.(FRG7); Dave MOSLER, San Jose, CA.(FRG7); Bob NAGEL, Pittsburg,PA.(ICF2002,RF2800); Sheryl PASZKIEWICZ, Manitowoc, WI.(NRD-515); John PRATH, Ft. Lauderdale, FL.(R71A,FRG7000,FRG7); Christos RIGAS, Chicago, IL.(R2000, ICF2002); Roland SCHULZE, Stuttgart,W.GERMANY(R70,R4C,SPR4); Bryan SHARPE, Castro Valley, CA.(DX302,DX400); David SWARINGEN, Huntersville, NC.(R70); Bob THUNBERG, DuBois,PA.(R1000, CR2021); Ron TROTTO, St. Cloud, FL.(CR2021); George VADINO, Bellevue,WA.(R71A); Robert ZILMER, Rio Rancho, NM.(R1000)

There we have it for another month folks. Sorry to say that only 29 Contributors were received prior to the deadline.

I am forced to remind all contributors, that their loggings must be in my hands by the 12th of the month at the latest.

The Column Editors, and these are the men who do all the work to make the monthly issues of FRENEX what it is, are requesting that materials from me be in the mail by the 13th of the month if possible. I owe these gentlemen this request at the very least, and I have every intention of doing my best to make their jobs as easy as I can. So PLEASE, make sure those loggings are in my hands by the 12th of the month as requested.

I hope that all members had a good Thanksgiving. I would like to wish each and everyone of you the very best wishes for a very MERRY CHRISTMAS and a Joyus and Prosperous NEW YEAR. See you all again in 1986.

*Regards
John*

Tiare Publications

BOOK NEWS

P.O. Box 493 • Lake Geneva, WI 53147

Are you still waiting for that illusive, impossible Radio Botswana QSL? Here's your chance to have "Mr. QSL" - Gerry L. Dexter go to bat for you!

To introduce his newest book - SECRETS OF SUCCESSFUL QSL'ING - Gerry has agreed to pick one lucky shortwave listener and go to work trying to verify Radio Botswana for that listener. Gerry will spend up to a year and make up to six attempts to get a Radio Botswana QSL for someone - maybe you!

SECRETS OF SUCCESSFUL QSL'ING is the complete guide to reception reports and QSL collecting, written by the acknowledged leader in the field and author of the famous World Broadcast Address Book (formerly the QSL Address Book). Apply the approaches and techniques described in "Secrets" and you're virtually guaranteed to improve your QSL returns!

SECRETS OF SUCCESSFUL QSL'ING takes you from a discussion of the what and why of QSLs on through basic reception reporting, the ins and outs of follow-ups, tentatives and prepared cards. You'll learn how to get the most out of your post office, how creating your own specialized lists can increase your response rate. You'll find out about peppering, shotgunning, the John Alden Technique and much, much more. Everything from taking care with dates to when you shouldn't send your photograph with a report.

SECRETS OF SUCCESSFUL QSL'ING - with Foreword by Ian Mc Farland, host of Radio Canada International's "SWL Digest" program - will be available in January, 1986.

The book is priced at only \$9.95, plus \$1 shipping and handling, \$2 s/h for foreign orders. U.S. funds only, please.

Advance orders may be sent to:

Tiare Publications
P.O. Box 493
Lake Geneva, WI 53147
U.S.A.

OH! To qualify for the Radio Botswana QSL attempt just send your name and address to: Gerry L. Dexter, RR4 Box 110, Lake Geneva, WI 53147. Deadline is March 30, 1986 with the winning name drawn March 31. No purchase necessary.

**NDXE**

STEREO

NEWS RELEASE

Global Radio

705 2nd Avenue • Opelika, Alabama 36801 USA

For more information contact:

H. D. Norman, Jr. (205) 749-1898

or

Mike Nikolich (312) 372-7090

NDXE GLOBAL RADIO WILL BROADCAST
TO THE WORLD IN STEREO

OPELIKA, Ala. -- Opelika may not be Alabama's best-known city, but if H. D. Norman, Jr., has his way, it soon will be one of the news and entertainment capitals of the world.

The 34-year-old Alabama native is launching a new worldwide high frequency (H.F.) stereo radio station, NDXE Global Radio, that he hopes will capture listeners from Australia to Zaire, and all countries in between.

NDXE (pronounced "In Dixie") has been several years in the making. Norman, who started as a radio station record librarian at age 8, conceived the idea with his mentor, the late John Herbert Orr, who produced the first U.S.-manufactured magnetic recording tape and the Orrox CMX Video Editor.

As the world's first privately-owned H.F. stereo station, NDXE will offer programming that is totally different from the Voice of America, BBC, Radio Moscow and other government-run shortwave stations. Instead of political rhetoric, NDXE's programs will feature live concerts and sporting events, worldwide phone-in shows, news, international weather, and music by the world's most popular recording artists.

World's First Stereo H.F. Station

"A station like NDXE would have been inconceivable a few years ago because H.F. radio was not nearly as accessible as it is now," Norman said. "With today's inexpensive but sophisticated digital shortwave receivers, you can dial in a station like NDXE as easy as dialing a pushbutton phone, and once we sign-on, we expect many millions of people to be tuning in."

Although H. F. transmissions have not been considered a viable medium for broadcasting "concert hall" quality music, NDXE's super-power 100 kW stereo shortwave transmitter and 100-foot rotatable log periodic antenna will deliver over 3 million watts of power. Broadcasts will be beamed to Europe, the Pacific and the Americas.

International Mass Appeal Format Planned

"We'll be appealing to youngsters and adults with an international mass appeal format," Norman said. "People overseas have the buying power and are eager for the American sound. We're going to try and present American radio in its best form so that the world can learn more about this country."

To appeal to this vast audience, Norman has enlisted the aid of such blue-chip radio professionals as Herb Neu, formerly of Turner broadcasting's CNN Radio Network, and Gene Taylor, former program director and vice-president/general manager at ABC-owned WLS-Radio in Chicago.

Taylor, who programmed WLS' original Top 40 format, is excited at the prospect of designing a format for the world's 735 million English speaking shortwave listeners.

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"There is a tremendous potential audience out there," Taylor said. "Here in the States, millions of shortwave sets are sold. But, that's just the tip of the iceberg. In many countries, short-wave radio is the only game in town. We want to reach that diverse audience with programs that are available nowhere else."

In addition to its exciting sound, NDXE will be one of the few worldwide H. F. stations that accepts paid advertising. Major international advertisers are being sought. The NDXE Sales Department has even invented a new measure of advertising -- the Global Advertising Unit -- which advertisers can use to blanket their message across all continents or target to a specific region. NDXE's research department maintains a detailed database of global demographics to assist advertisers.

"We are now accepting reservations from charter advertisers," Norman said. "From the interest already indicated, it looks like NDXE will be sold out for its sign-on next year."

Station Will Offer Mail Order Service

In addition to international advertisers, NDXE will also operate a massive mail order business (similar to Sears, Roebuck, original owners of WLS Radio, whose call letters stood for "World's Largest Store"). Listeners will be able to write the station or call direct to order the goods they wish -- from blue jeans to refrigerators. The goods will be shipped out through the Port of Mobile, and Norman is looking to acquire or joint venture with an established trading company.

Norman is brimming with hundreds of ideas to attract listeners. Already, NDXE is offering bumper stickers, license plates, coffee

-more-

mugs and other items. Special listener contests and promotions with cash and merchandise prize packages will also be offered. For instance, since shortwave listeners collect colorful postcards (also called "QSL cards") from different stations, NDXE will also offer one. But, its card will be the world's first 3-D holographic QSL. It was designed in conjunction with Mr. Ed Weitzen, Chairman of the International Bank Note Company of New York, and will be available as one of a series of cards.

"There's never been a radio station like NDXE," Norman said. "Since the 1930s, the H. F. spectrum has really not been used as a mass entertainment medium. We think it's a sleeping giant, and we want to provide the spark that revitalizes it. Afterall, H. F. is the only universal mass entertainment system in place today. TV and print do not have the global capabilities of radio...or the cost effectiveness."

NDXE's transmitters and studios will be located in Opelika, with sales offices in Atlanta and New York City. The projected sign-on date is July 4, 1986, coinciding with the rededication of the Statue of Liberty, and Norman is hoping President Reagan will throw the first switch.

Norman welcomes any advertising inquiries, as well as listener suggestions regarding NDXE. Write to NDXE Global Radio Headquarters, P.O. Box 569, Opelika, AL 36801, U.S.A., or call 1-800-USA-NDXE (Cable: NDXE Stereo, TWX: 510-600-7195).

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11/85

HAP BID ITEMS: #403: Cleveland Area Cable TV cloth arm patch(3"cir)blue,white.#404:WLUP "Vapors" chopsticks,red,gold with printed ribbon-very unusual!#405:CJXX station balloons,m/c.#406:ORF(Austria)sticker in French(3x5")red,white.#407:CJLM station pen,red,white.#408:CHRD station pen,red,white.#409:Radio Break(Italy)sticker(4x4")red,white- nice!#410:3ZB Radio(New Zealand)metal badge(2.5"cir)m/c-very nice looking!#411:3ZB Radio thick plastic visor cap,red,black-unusual!#412:CKWS T-Shirt(S)red,white - great for your child!#413:KPFT T-Shirt(S)red,B&W.#414:WLUP T-Shirt(S)blue,white.#415:KOME T-Shirt(S)yellow,black.#416:Top Italia Radio sticker(4x7")m/c.#417:Persian/Parsi Tapes, 2 cassette tapes in original package with study booklet-great item!#418:Arabic Tapes, 2 cassette tapes in original package with study booklet-great item!#419:KRBE "Houston Gamblers" sticker(3x12")m/c-a real collectors item!#420:KVOP large plastic litter bag,B&W.#421:Radio Atalaya(Ecuador)sticker(3.5"cir)m/c-rare!#422:Viking Radio (UK)paper spiral hat,m/c-very nice!#423:CBC Radio(Canada)iron-on transfer for a T-Shirt, very colorful!#424:RFI(France)large plastic litter bag,red,white,blue.#425:KPBC plastic litter bag,blue,white.#426:CKKW plastic litter bag,blue,white.#427:Swedestfunk Radio (Germany)"Moose" sticker (4x6")m/c-great looking!#428:WMET "Pete Townsend" B&W face mask unusual! #429:RFI(France)heart shaped station pen,black,orange.#430:AM-106 Calgary T-Shirt(XL)yellow,black-very nice!#431:CBC-740 Toronto T-Shirt(S)blue,white.#432:Bay City Radio(New Zealand)reflective sticker(5"cir)m/c-super!#433:Radio Vatican first day cover w/ cachet and stamp - nice for framing!#434:2NZ(New Zealand)sticker(3x9")white,red,blue.#435:Radio Korea "Wedding Day" sticker(4.5"cir)m/c.#436:KOME sticker(8.5x8.5") yellow,black-super!#437:Radio Korea "Marching Band"cloth pennant(5x9")m/c.#438:Radio Caroline(New Zealand)sticker(3x6")m/c-great looking!#439:Voice of Turkey cloth pennant (4.5x8")m/c.#440:Radio Bucharest cloth pennant(4x7")red,white,blue.#441:Radio Bucharest cloth pennant(4x7")orange,red,white.#442:Radio Bucharest cloth pennant(4x7")pink,B&W.#443:Radio Sweden cloth pennant(4x9")yellow,blue.#444:FM-96 station pen,red,white.#445: Metro Radio(UK)station pen,red,B&W-very good looking!#446:Radio Forth(Scotland)station pen,orange,black-very nice!#447:CJOC sticker(4x6")m/c.#448:4XD(New Zealand)sticker (2x8.5")orange,blue,white.#449:Radio London(UK)decal(2x1.5")m/c.#450:CKGY sticker (4x8.5")red,white,blue.#451:Radio Praha stick pin,red,silver-nice!#452:2ZC(New Zealand)sticker(2.5x5.5")red,white,blue.#453:CKLA station razor,orange,B&W.#454:Radio Bucharest key chain,m/c-super!#455:Radio Vigo(Spain) match book,red,white,blue.#456: Radio Korea "Female Announcer" QSL card(4x6")m/c.#457:Radio Korea "30th Anniversary" sticker(4"cir)m/c.#458:Radio Korea "Wedding Day" sticker(3.5x5")m/c.#459:ORF(Austria) sticker in German(3.5x5")red,B&W.#460:CFOX "Fox"sticker(4.5"cir)m/c-a real beauty!! #461:ERF Radio(Germany)sticker(5"cir)m/c.#462:WVVI(Virgin Islands)sticker(3x5")white, blue.#463:Radio Italia oval sticker(3.5x4.5")red,white,green.#464:Swedestfunk Radio (Germany)oval sticker(4x6")red,white,blue.#465:BBC "World of Difference"metal badge (2"cir)blue,white.#466:Radio Korea "30th Anniversary"sticker(2.5"cir)m/c.#467:Radio Budapest metal key chain,black,silver.#468:Radio Televiziunea Romania metal pin,gold, black.#469:Radiocadena Espanola metal badge(1.5"cir)yellow,black.#470:Radio HumberSide (UK)key chain,green,blue,white-very nice!#471:NFW-TV(Germany)sticker(4x6")m/c-very good looking!#472:HEB Coastal Radio(Switzerland)"Logo"sticker(5.5x5.5")blue,silver,gray.#473: 2NZ(New Zealand)sticker(2x8.5")green,B&W.#474:CILA-FM(Canada)sticker(4x6")m/c-sharp!! #475:Voice of Tomorrow(USA-Pirate)QSL card(3x5.5")B&W.#476:Radio Forth coaster(4x4") orange,B&W.#477:Swedestfunk Radio odd shaped sticker(4x4")m/c-beauty!#478:5DH(Australia) sticker(2x7")white,blue.#479:CKEY sticker(3.5x6")red,white,gold.#480:Radio Cultura do Sao Paulo(Brasil) color studio photographs(3.5x7")really nice!#481:CKGY station pen, black,tan-very nice!

HAP DIRECT SALE ITEMS: The following stickers/decals are available for \$.25 each or any five (5) for \$1.00. New since last issue:Radio Hallam(large)(small),KRBC,CKPG,Signal Radio,WJCM, CKEK,Viking Radio,Red Rose Radio,Radio Lancashire,CFRN,CKUA,XAIT,Radio RSA,Radio Populare, WYFR,Radio Tees,Deutsche Welle(EG),KNUI,WINK,Radio HumberSide,Radio Fase,Q-93,97-rock,KZEU, Mercia Sound,Radio Luna,South Coast Radio,ERF-TV,CFGO,CFOR,CKLC,KACC,CFRY,CJBB,CJET,KRBE (rock),CJBJ,CKUE,CKPR,CJRT,CJCL,CJSB,FM-108,Radio Peter Flowers,Radio Luna(DC),CRQN,CKTA, CKWS,CKPT,CKW,CEC,CKCO-TV,WPCB,WOWI(large)(small)(music),CFOS. We also have GIRK(large)(small),KHCB,CFCN,CBC,CKRY,6WF,WIIZ,WXQR(large)(small),2ZH,KSEI,KKYX,KEUE,WYYX,KNPA(large)(small),FM-105,96-rocks,ANARC(large)(small),WQMR,WABB,WAAZ,KROY,KEY-103,WLUP(large)(small)(cir.),KITS(large)(small),WAPP,KBUK,WFKB,KOA,KVPR,WCAU,KLOL(large)(small),WNOR,Q-107,KYYX, KGRI,KNAL,FM-99,WIIC,KORA,KVWC,KXTC,WIRJ,KLVI,KNOK,KTIM,KLOR,WPLJ(rock)(Prince)(Lewis)(John),KLOS(rocks)(Party Animal),KPFT,KKBQ,KERV,KYLL,KTRH,KIKR,KRQR,WNBC,MLS,KCFH,WQYK (large)(small),WHGR,TV-20,KLVL,WBWA,K-94,102-FM,WAQY,KMJK,KFAN,KWRN,KRYS,KWED,KPXE,KRBA,KNIN(large)(small),WXLP,MIV,94-FMX,KSAN,KRVL,KVET,WONE,CKWB,RCI,CKEG,CFNB,CFCB(yellow)(blue),CJHW,CFRA,CKCK(large)(small),CKKR,CJVI(marine)(hockey)(cir.),CFAX,CKSA,CKND,CFCY (cir.)(large),CJAT,CKOM,CFII,CKIK,CKNL,4XD, Radio West,4MK,2WD, Radio Medway,2CH,2YB,KAIM, ADDRESS: Send your bids and orders for direct sale items to Sam Barto, 47 Prospect Place, Bristol, CT 06010 USA.

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